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INDEX OF PATENTS

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- Aannerud, Sigurd A., and E. Mostad, Lokken Verk, Norway, assignors, by mesne assignments, to Pyror Limited, Pembroke, Bermuda. Electrolytic production of iron from iron sulfate solutions.** 2,667,455, Jan. 26.
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- Adler, Jack, St. Louis, Mo. Filing cabinet joint. 2,673,782, Mar. 30.
- Adler, John B., assignor to Shwayder Brothers. 2,680,473, Cl. 155—139.
- Adler, John B., assignor to Shwayder Brothers. 2,680,662, Cl. 311—87.
- Adler, John B., Grosse Ile, Mich., assignor to Shwayder Brothers, Denver, Colo. Convertible folding tray table and coffee table. 2,666,681, Jan. 19.
- Adler, John B., to Shwayder Brothers. 2,684,111, Cl. 155—139.
- Adler, Paul, New York, N. Y. Device for the indication of the fertility period of women. 2,665,062, Jan. 5.
- Adler, Robert, assignor to Zenith Radio Corporation. Re. 23,813, Cl. 179—100.41.
- Adler, Robert, to Zenith Radio Corp. 2,681,994, Cl. 250—36.
- Adler, Robert, to Zenith Radio Corp. 2,681,995, Cl. 250—36.
- Adler, Robert, to Zenith Radio Corp. 2,684,404, Cl. 178—69.5.
- Adler, Robert, to Zenith Radio Corp. 2,687,494, Cl. 315—39.
- Adler, Robert, to Zenith Radio Corp. 2,691,117, Cl. 313—80.
- Adler, Robert, to Zenith Radio Corp. 2,691,697, Cl. 178—7.3.
- Adler, Robert, to Zenith Radio Corp. 2,694,158, Cl. 313—69.
- Adler, Robert, and J. E. Bridges, assignors to Zenith Radio Corporation. 2,678,413, Cl. 317—215.
- Adloff, Jakob A., to General Motors Corp. 2,693,714, Cl. 74—484.
- Administration-Sequestre des Rochling'sche Eisen- u. Stahlwerk G. m. b. H.: See—
Heiligenstaedt, Hans E. W. 2,687,879.
- Admiral Corp.: See—
Battles, Stewart S., and Moos.
Carlson, Reuben C. 2,682,411.
Carlson, Reuben C. 2,682,412.
Hoffmann, Elmer L., and Nelson.
Morton, Evans T.
Morton, Evans T. 2,679,944.
Priestly, Frank P. 2,695,526.
Vistain, James E., Jr. 2,695,786.
- Adolf, Raymond L.: See—
Arenz, Donald, and Adolf. 2,677,254.
- Adolphson, Evert W.: See—
Andrews, Norman F., Slavens, and Adolphson. 2,680,015.
- Adrian, John B.: See—
Daniels, Harold V., and Adrian. 2,688,971.
- Adshead, Charles W., assignor to Setright Registers Limited. 2,674,894, Cl. 74—142.
- Advance Machine Company, assignee: See—
Arones, Daniel A. 2,675,246.
- Advance Solvents & Chemical Corp.: See—
Mack, Gerry P., and Savarese. 2,684,973.
- Advance Transformer Co.: See—
Feinberg, Albert E. 2,682,014.
Feinberg, Albert E. 2,683,243.
Feinberg, Albert E., and Berger. 2,685,662.
Feinberg, Albert E., and Berger. 2,685,663.
- Ady, Harmon C., assignor of 50% to M. P. Grim. 2,677,925, Cl. 55—82.

- Aeckersberg, Gustav, Dusseldorf, and K. A. Nilgen, Dusseldorf-Oberkassel, assignors to Maschinenfabrik Hasenclever A.-G., Dusseldorf, Nordrhein-Westphalia, Germany. Upsetting of electrically heated rods. 2,667,558, Jan. 26.
- Aero Materiel AB, assignee: *See*—
Polasek, Karl. 2,678,414.
- Aero-Smith, Inc., assignee: *See*—
Grodson, Anthony G.
- Aero Zipp Fasteners Ltd.: *See*—
Backer, Joachim. 2,683,911.
- Aerocem Ltd.: *See*—
Mollo, Eugene. Re. 23,908.
- Aeroduct, Inc.: *See*—
Conroy, Addison B., and Kimmel. 2,697,452.
- Aerofin Corp.: *See*—
Stikeleather, Robert M. 2,696,882.
- Aerogen Co. Ltd., The: *See*—
Dean, Percy W. 2,693,947.
- Aerojet-General Corp.: *See*—
Gold, Marvin H. 2,680,131.
Maisner, Herman. 2,690,964.
Malina, Frank J., and Parsons. 2,693,077.
Young, Robert B., and Hawk. 2,694,503.
- Aeromat Products Co., Inc.: *See*—
Summerville, Donald V. 2,684,672.
- Aeroprojects Inc.: *See*—
Chapman, Everett. 2,697,953.
- Aeroquip Corp.: *See*—
Kaiser, Rudolf. 2,696,394.
Kaiser, Rudolf. 2,687,314.
Meyerholtz, Kenneth H., and Pioch. 2,676,533.
Zeeb, Stanley H. 2,687,903.
- Aerosol Corp. of America: *See*—
Dautrebande, Lucien. 2,681,880.
- Aerovox Corp.: *See*—
Pulvari, Charles F. 2,689,283.
Wagner, Dorr W. 2,688,177.
Wagner, Dorr W. 2,695,443.
- Aeschlimann, Albert. 2,689,335, Cl. 324—60.
- Aeschlimann, John A., Montclair, and A. Stempel, River Edge, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Heterocyclic antituberculous compounds. 2,665,279, Jan. 5.
- Aetna Manufacturing Company, assignee: *See*—
Krafft, Lewis E. 2,679,778.
- Aetna-Standard Engineering Co., The: *See*—
Crotty, Jack E. 2,688,680.
Rodder, William. 2,693,630.
Rodder, William, and Uhrain. 2,695,931.
Snyder, Perry G. 2,697,506.
- Aeugle, Margaretta E.: *See*—
La Lande, William A., Jr., Molyneux, and Aeugle. 2,696,509.
- Affholter, Herbert G.: *See*—
Molinari, Vittorio, and Affholter. 2,692,279.
- Affiliated Gas Equipment, Inc.: *See*—
Cartter, William G. 2,682,867.
- Affleck, David C., to United States Steel Corp. 2,697,598, Cl. 266—32.
- Affronte, Joseph M., Great Neck, N. Y. Arch support. 2,666,997, Jan. 26.
- Afzelius, Ivar A., and H. O. Lindgren, assignors to Aktiebolaget Separator. 2,678,936, Cl. 260—425.
- Agate Corporation, assignee: *See*—
Wells, Norman C.
- Agee, Howard H.: *See*—
Martin, Emmet L., and Agee.
- Agens, Maynard C., to General Electric Co. 2,682,507, Cl. 252—37.2.
- Agfa Aktiengesellschaft für Photofabrikation: *See*—
Berger, Heinz, and Weyde. 2,694,008.
- Agfa Camera-Werk Aktiengesellschaft: *See*—
Brendel, Theodor.
Deeg, Karl, and Kaden. 2,693,743.
- Aggarwal, Joti S., V. N. Sharma, and S. C. Gupta, to The Council of Scientific and Industrial Research. 2,685,593, Cl. 260—418.
- Aghnides, Elie P., New York, N. Y. Aerator. 2,670,942, Mar. 2.
- Agins, George, to American Bosch Arma Corp. 2,698,134, Cl. 235—61.
- Agle, Charles K. 2,677,154, Cl. 20—19.
- Agnew, George E., to Republic Aviation Corp. 2,689,698, Cl. 244—123.
- Agostini, Victor A.: *See*—
Winters, James R., and Agostini. 2,692,069.
- Agre, Courtland L., to Minnesota Mining & Mfg. Co. 2,682,512, Cl. 260—2.
- Agrenco Engineering & Mfg. Co.: *See*—
Weiss, Herbert F., and P. W. and L. E. Carl. 2,688,833.
- Agriculture, United States of America as represented by the Secretary of: *See*—
Alexander, Klien, and Schniepp. 2,676,972.
Beal, Robert E., and Lancaster. 2,674,609.
Beckel, Arthur C., and Belter.
Bickoff, Emanuel M. 2,686,124.
Campbell, Tod W., and Coppinger. 2,686,123.
Clark, Frederick E., and Feustel.
Corman, Julian, Tsuchiya, and Koepsell. 2,676,905.
Croston, Clarence B., Teeter, and Cowan.
D'Aquin, Esler L., Pominski, Molaison, and Vix. 2,687,155.
- Agriculture, United States of America as represented by the Secretary of: *See*—Continued.
Davis, Martha E., and Jacobsen. 2,683,458.
Feeney, Robert E., Brown, and MacDonnell.
Filachione, Edward M., Beebe, Harris, and Luvisi. 2,694,725.
Frick, John G., Jr., and Weaver. 2,686,768.
Frick, John G., Jr., and Weaver. 2,686,769.
Gallup, Richard W., and Tilly. 2,683,373.
Graham, Robert P., Neel, and Fishman.
Guthrie, John D., Chance, and Hoffpauir. 2,681,846.
Hamalainen, Carl. 2,681,295.
Hendel, Carl E., and Olcott. 2,681,285.
Humfeld, Harry. 2,693,665.
Koepsell, Harold J., Kazenko, Jeanes, Sharpe, and Wilham.
Lundgren, Harold P., Rose, and Jones.
Markley, Klare S., and Feuge. 2,686,796.
McMillan, Oscar J., Jr., and Guthrie. 2,695,833.
Mehlretter, Charles L., Mellies, and Rankin.
Moyer, Andrew J. 2,674,561.
Pack, Frank C., Moore, and Bickford. 2,685,597.
Pettit, George A. 2,694,436.
Port, William S., O'Brien, and Swern.
Porter, James C., and Roth. 2,675,788.
Ratchford, William P.
Ratchford, William P. 2,680,685.
Reeves, Wilson A., and Guthrie.
Rehberg, Chessie E. 2,676,941.
Roberts, Robert L. 2,686,130.
Rose, William G., and Balls. 2,676,906.
Rose, William G., and Balls. 2,680,090.
Shepherd, Allan D., McCready, and Owens.
Skau, Evald L. 2,684,377.
Skau, Evald L. 2,684,378.
Tsuchiya, Henry M., and Koepsell. 2,686,147.
Wall, Monroe E.
Wall, Monroe E., and Krider. 2,686,752.
Wolff, Ivan A., and Watson.
- Agruss, Bernard, and F. B. Finan, assignors to National Lead Company. 2,674,642, Cl. 136—26.
- Aguilar, John G., and W. A. Cox, San Francisco, Calif. Method and apparatus for stemming and for pitting cherries and the like. 2,667,196, Jan. 26.
- Aguilar A., Alfonso. 2,697,320, Cl. 56—32.
- Aguirre Gonzalo, José M., and J. C. Chacon. 2,677,867, Cl. 25—122.
- Ahern, Jack A., executor, assignee: *See*—
Wilson, Frank C. 2,680,287.
- Ahern, James B. 2,690,794, Cl. 155—198.
- Ahier, George C., and H. Krull, assignors to G. C. Ahier, A. V. Champagnat, and J. F. M. Tirmont. 2,680,469, Cl. 154—1.1.
- Ahlbeck, Richard A., to John B. Pierce Foundation. 2,684,812, Cl. 237—63.
- Ahlberg Bearing Co.: *See*—
Nelson, Charles, Jr. 2,686,088.
- Ahlberg, Jacob E., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,677,668, Cl. 252—472.
- Ahlberg, Jacob E., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,677,669, Cl. 252—472.
- Ahlberg, Jacob E., L. L. Baral, and T. O. Tongue, assignors to The Davison Chemical Corporation. 2,680,100, Cl. 252—451.
- Ahlborn, Clarence E., assignor to Jackson & Church Company, Saginaw, Mich. Pulp press. 2,664,814, Jan. 5.
- Ahlbrecht, Arthur H.: *See*—
Husted, Donald R., and Ahlbrecht.
Husted, Donald R., and Ahlbrecht. 2,681,370.
Husted, Donald R., and Ahlbrecht. 2,691,043.
- Åhlén, Karl G., assignor, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. 2,676,497, Cl. 74—732.
- Åhlén, Karl G., to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. 2,690,053, Cl. 60—54.
- Åhlén, Karl G., to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. 2,690,054, Cl. 60—54.
- Ahlgren, Axel W.: *See*—
Borchers, Earl M., and Ahlgren. 2,694,592.
- Ahlmeyer, Heinz, and W. D. Sherman, to Robert Gair Co., Inc. 2,697,969, Cl. 93—55.1.
- Ahlstrom, Edward F., to Chef-Way, Inc. 2,684,783, Cl. 221—258.
- Ahmer, Carl W., to Aircraft Products Co. 2,684,536, Cl. 33—178.
- Ahnell, Karl J., Erie, Pa., assignor to General Electric Company. Filling and measuring arrangement for liquid storage tanks. 2,671,468, Mar. 9.
- Ahrel, Per J. I., Sallinge, Sweden. Concentrating by freezing. 2,666,304, Jan. 19.
- Ahrens, Hermann H. F., to Daimler-Benz Aktiengesellschaft. 2,696,155, Cl. 98—10.
- Aibel, Fredric L., Brooklyn, N. Y. Knitted fabric. 2,667,775, Feb. 2.
- Aichele, Ernest O., 60% to J. J. Mascuch. 2,684,774, Cl. 215—40.
- Aicher, Louis C., assignor to Allis-Chalmers Manufacturing Company. 2,675,519, Cl. 323—43.5.

- Aidenland, Harry. 2,697,224. Cl. 2—71.
- Aigner, Herbert, assignor to Hutter & Schrantz Aktiengesellschaft Siebwaren-und Filztuch-Fabriken. 2,679,368. Cl. 245—7.
- Aigrain, Pierre R. R.: *See—*
Van Mierlo, Stanislas, and Aigrain.
- Aiken, Thomas M., Pittsburgh, Pa. Camera shutter of the sliding type. 2,670,667, Mar. 2.
- Aikman, Burton S., assignor to Westinghouse Air Brake Company. 2,675,677. Cl. 60—51.
- Aileen Mills Company, assignee: *See—*
Riddle, Frank W.
- Aileo, Jackson A., to L. P. Frieder. 2,696,959. Cl. 244—142.
- Ainsworth, Geoffrey C., and C. G. Pope, to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,695,261. Cl. 195—96.
- Ainsworth, George O., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,667,952, Feb. 2.
- Ainsworth, John R.: *See—*
Simms, Ernest H., and Ainsworth.
- Ainsworth Manufacturing Corporation, assignee: *See—*
Thomson, Robert. 2,678,358.
- Air Associates, Inc.: *See—*
Griswold, Owen H.
Husing, Albert J. 2,696,828.
Kupiec, Harry P.
- Airborne Instruments Laboratories, Inc.: *See—*
Schmitt, Otto H., Barnes, Falls, and Fromm. 2,681,264.
- Airborne Instruments Laboratory, Inc.: *See—*
Schmitt, Otto H., and Kasindorf. 2,682,607.
- Aircraft-Marine Products Inc.: *See—*
Berg, Quentin.
Berg, Quentin. 2,688,133.
Berg, Quentin. 2,694,808.
Berg, Quentin. 2,694,809.
Buchanan, Stephen N. 2,674,725.
Carlson, Vernon E. 2,681,439.
Cootes, Harold E. 2,690,562.
Freedom, Thomas C. 2,693,218.
Hoffman, Norman E. 2,685,076.
Holtzapfel, Clyde N. 2,684,004.
Kerchner, Jay R., and Broske. 2,693,216.
Klingler, Martin L. 2,684,003.
Lazzery, Angelo G. 2,685,074.
Macy, James C. Re. 23,869.
Paules, Lemon B.
Peterson, Kenneth E. 2,696,850.
Pierce, Frank L. 2,680,235.
Pierce, Frank L. 2,692,422.
Pollock, Samuel W. 2,685,708.
Pollock, Samuel W. 2,691,146.
Pollock, S. Wilson. 2,692,384.
Swengel, Robert C. 2,681,440.
Vickery, John R.
Vickery, John R. 2,685,897.
Watts, William S. 2,691,145.
Watts, William S. 2,695,394.
- Air Force, United States of America as represented by the Secretary of the: *See—*
Andrus, Rodney J. 2,686,400.
Ayers, Edgar H. 2,694,406.
Baker, James G. 2,685,238.
Barnes, Richard W. 2,682,382.
Braeuninger, Karl F. 2,681,734.
Brewer, James C. 2,683,369.
Brewer, Walter B., Jr. 2,678,214.
Bruckmann, Bruno W.
De Padova, Pasquale A., and Condello. 2,680,433.
Gabriel, Edwin Z. 2,685,492.
Haggerty, Francis L. 2,683,011.
Hirtreiter, Walter J. 2,697,343.
Holzwraith, Hans T. 2,676,456.
Jessen, Le Roy S. 2,679,689.
Kamm, Wunibald I. E., Krautter, and Staiger. 2,684,712.
Larkin, George R. 2,697,349.
McDowell, Charles W. 2,683,368.
Murdock, Thomas B. 2,694,457.
Neugebauer, Franz J., and Berkner. 2,687,124.
Orthuber, Richard K. 2,681,380.
Orthuber, Richard K. 2,682,010.
Orthuber, Richard K., Clemens, and Johnstone.
Robinson, Edward L.
Satinoff, David.
Seeler, Henry.
Smith, Caldwell P. 2,680,228.
Smith, Caldwell P. 2,691,137.
Smith, Milton D., and Brewer. 2,695,045.
Stephenson, John G. 2,678,395.
Walters, Nial F. 2,683,930.
Weeks, Ivan F. 2,696,076.
- Airkem, Inc.: *See—*
Turner, William D., and Rasko. 2,691,615.
- Air Mass, Inc.: *See—*
Rand, Henry J. 2,690,295.
- Air-Maze Corporation, assignee: *See—*
Brixius, Jacob K., and Savitz. 2,675,091.
Walton, George M. 2,679,320.
- Airmed Limited, assignee: *See—*
Cox, Lawrence A. 2,674,999.
- Air-Mite Devices, Inc.: *See—*
Strelcker, Seymour F., Oros, and Skidmore. 2,698,064.
Strelcker, Seymour F., Oros, and Skidmore. 2,698,065.
- Air-O Fan Products Corp.: *See—*
Wright, David P., and Fish. 2,692,454.
- Air-O-Matic Power Steer Corp.: *See—*
Wichmann, George F., and Gray. 2,698,006.
- Air Preheater Corp. The: *See—*
Flurschutz, Glenn E.
Flurschutz, Glenn E. 2,692,760.
Hammond, William E. 2,684,230.
Hammond, William E., and Ballard.
Hammond, William E., and Lidford. 2,674,442.
Hammond, William E., Lidford, and Ballard.
Holm, Sven. 2,692,763.
Holm, Sven, and Jensen.
Jensen, Arthur. 2,697,588.
Karlsson, Per H. 2,680,008.
Klemperer, Hans.
Lundstrom, Ernest A.
Vickland, John C. 2,684,425.
Waitkus, Joseph. 2,692,761.
- Air Products, Inc.: *See—*
Anderson, Carl R.
Schilling, Clarence J.
Schilling, Clarence J. 2,688,238.
Schilling, Clarence J. 2,697,922.
- Air Reduction Co., Inc.: *See—*
Anderson, Nelson E.
Anderson, Nelson E. 2,681,401.
Anderson, Nelson E. 2,695,148.
Balcar, Frederick R., and Smith. 2,674,581.
Begerow, John H. W.
Clinton, Edward J., Jr.
Crego, Francis T., and Fisher.
Fullwood, Edward F. 2,692,114.
Gilroy, John.
Gilroy, John. 2,693,178.
Greene, William J. 2,689,332.
Hulme, Philip M. 2,692,196.
Lamb, Robert H.
Muller, Albert. 2,681,402.
Muller, Albert. 2,694,763.
Muller, Albert. 2,694,764.
Robinson, Harold. 2,697,771.
Robinson, Harry H., Jr. 2,685,921.
Schlitt, Joseph L. 2,685,180.
Schlitt, Joseph L. 2,685,181.
Spradling, Joseph W., and Engler.
Steele, Richard B.
Wilkinson, Walter. 2,682,154.
- Airtex Products Inc., assignee: *See—*
Douglas, Forest.
- Airtron, Inc.: *See—*
Anderson, John W., and Hamilton. 2,677,811.
Anderson, Tore N. 2,676,307.
Carr, Robert S. 2,675,773.
Carr, Robert S. 2,686,487.
Carr, Robert S. 2,696,834.
Carr, Robert S., and Anderson. 2,698,353.
Hamilton, Jean W. 2,675,832.
- Air-Way Electric Appliance Corp.: *See—*
Dow, Dewey M. 2,675,575.
Dow, Dewey M. 2,682,074.
Minerley, Frederick K. 2,693,000.
Aitchison, Robert B., and G. H. Smith, to Union Carbide and Carbon Corp. 2,694,550. Cl. 255—1.8.
- Aitken, William H.: *See—*
Hartman, Robert B., and Aitken.
- Ajax-Consolidated Co.: *See—*
Bretz, Frank E., Jr.
Emery, Neville R. 2,687,655.
- Ajax Electrothermic Corporation, assignee: *See—*
Kennedy, Theodore R., and Keller. 2,676,235.
- Ajax Engineering Corporation, assignee: *See—*
Tama, Mario. 2,674,640.
- Ajax Flexible Coupling Co., Inc., assignee: *See—*
Brumagin, Thomas H. 2,678,720.
Cady, Robert G. 2,674,381.
- Ajax Mfg. Co., The: *See—*
Ware, Ben F. 2,689,360.
- Ajax Trucks Limited, assignee: *See—*
Williams, John B.
- Ajello, Ralph A., Mamaroneck, N. Y. Candle. 2,671,330, Mar. 9.
- Ajero, Fortunato S.: *See—*
Juzwiak, Edmond A., and Ajero. 2,678,145.
- Ajero, Fortunato S., Chicago, Ill., assignor, by mesne assignments, to Avco Manufacturing Corporation, New York, N. Y. Spreader and seeder apparatus. 2,670,880, Mar. 2.
- Ajero, Fortunato S., Chicago, Ill., assignor, by mesne assignments, to Avco Manufacturing Corporation, New York, N. Y. Spreader and seeder apparatus. 2,670,883, Mar. 2.
- Akers, Victor, Albany, Calif. Shirt protector. 2,673,015, Mar. 23.
- Akey, Robert R., assignor to Joseph Behr & Sons, Inc., Rockford, Ill. Cold header. 2,664,579, Jan. 5.
- Akkerman, Antony M.: *See—*
Veldstra, Haaye, and Akkerman.

- Aklin, George H., to Eastman Kodak Co. 2,682,198, Cl. 88—57.
- Akre, Arthur L., Vancouver, British Columbia, Canada. Vane propellers. 2,669,309, Feb. 16.
- Akron Standard Mold Co., The: *See*—
Bostwick, Henry C.
Eaton, Gerald. 2,692,646.
- Akroyd, Harold, assignor to Oldham and Son Limited, Denton, near Manchester, England. Portable fluorescent lamp. 2,668,229, Feb. 2.
- Akshun Mfg. Co.: *See*—
Albright, Edward J. 2,683,357.
- Aktiebolaget A. Ekstroms Maskinaffar: *See*—
Broman, Bror O.
Sundelin, Arne. 2,694,531.
- Aktiebolaget Amerika-Matts: *See*—
Fischl, Ferenc. 2,681,056.
Ohlsson, Waldemar C. 2,685,248.
- Aktiebolaget Atlas Diesel: *See*—
Camner, Hilding G. 2,682,862.
Falkman, Hans H., and Olsson. 2,681,669.
Karlén, Nial T. 2,674,229.
Larcén, Jan A. 2,694,383.
- Aktiebolaget B. A. Hjorth & Co.: *See*—
Wahlborg, Karl J. 2,682,826.
- Aktiebolaget Bofors: *See*—
Andersson, Karl N. 2,697,190.
Blomqvist, Åke H. P., and Tornquist. 2,694,794.
Hjelm, Karl E. W. 2,674,946.
Lindblad, Lars A. 2,690,529.
Lindblad, Lars A. 2,694,797.
Nordfors, Kurt M. 2,684,570.
Nordfors, Kurt M. 2,684,629.
- Aktiebolaget Bolinder-Munktel: *See*—
Evreil, Kaleb E. 2,687,117.
- Aktiebolaget Broderna Ekbergs Platslagerifabrik, assignee: *See*—
Ekberg, Gunnar J. E. 2,674,294.
- Aktiebolaget Celloplast, assignee: *See*—
Lindquist, Curt A. J.
- Aktiebolaget Dentatus: *See*—
Björklund, Gustaf E., and Lindblom. 2,690,081.
- Aktiebolaget Duba, assignee: *See*—
Larsen, Fridthiof O. V. 2,675,961.
- Aktiebolaget Elektrolux: *See*—
Backstrom, Sigurd M.
Backstrom, Sigurd M. 2,690,058.
Backstrom, Sigurd M. 2,690,059.
Bilde, Tord E. D. 2,687,029.
Bilde, Tord E. D., Hjelm, and Hultberg. 2,676,088.
Fagerberg, Sven G., and Warmon.
Faith-Ell, Lars J., and Hansson.
Forsberg, Axel A. 2,696,894.
Karlström, John F. R.
Kögel, Wilhelm G.
Kögel, Wilhelm G. 2,687,022.
Kögel, Wilhelm G. 2,693,090.
Ullstrand, Hugo M. 2,682,156.
Warmon, Nils M.
- Aktiebolaget Enkopings Verkstader: *See*—
Gustavsson, Karl A. G. 2,683,938.
- Aktiebolaget Ferrosan: *See*—
Hahn, Ladislaus A., and Fekete. 2,675,406.
Hahn, Ladislaus A., and Fekete. 2,682,557.
Hahn, Ladislaus A., and Fekete. 2,688,036.
- Aktiebolaget Gotaverken: *See*—
Aarvold, Reinhardt O.
Johansson, Johan E. 2,684,737.
- Aktiebolaget Gustavsbergs Fabriker: *See*—
Rydberg, John A. 2,697,593.
- Aktiebolaget Johnson & Borsell: *See*—
Elminger, Karl W. 2,697,899.
- Aktiebolaget Kamyr: *See*—
Richter, Johan C. F. C. 2,695,232.
Skretting, Arne. 2,688,416.
- Aktiebolaget Kontrollinstrument, assignee: *See*—
Hysing, Erik G.
- Aktiebolaget Original-Odhner: *See*—
Uddgren, Albert E. 2,692,036.
- Aktiebolaget Pharmacia, assignee: *See*—
Wangel, Jörgen A. 2,674,614.
- Aktiebolaget Result, assignee: *See*—
Svensson, Lars E.
- Aktiebolaget Separator, assignee: *See*—
Afzelius, Ivar A., and Lindgren. 2,678,936.
Borck, Alfred G.
Erling, Sven J.
Hoffmann, Walter. 2,690,764.
Hytte, Robert P. L. 2,687,876.
Lindgren, Hans O.
Palmqvist, Fredrik T. 2,694,082.
Schott, Walter, Meichert, Gerhardt, and Hoer. 2,677,942.
Staaff, Per H.
Zachariassén, Stig H. B. 2,690,900.
- Aktiebolaget Separator-Nobel, assignee: *See*—
Palmqvist, Fredrik T. E.
- Aktiebolaget Svenska Flaktfabriken, assignee: *See*—
Wallin, Sven W., and de Frumerie. 2,674,178.
- Aktiebolaget Volvo, assignee: *See*—
Fagerholt, Carl G.
- Aktiengesellschaft Brown, Boveri & Cie: *See*—
Chiappolini, Ruggero. 2,675,652.
Gaudenzi, Arthur, and Giger. 2,697,670.
Jaggi, Walter.
Keller, Robert. 2,682,630.
Kern, Edwin. 2,677,089.
Ruetschi, Karl. 2,694,762.
Wideröe, Rolf. 2,675,470.
Wideröe, Rolf. 2,683,216.
Wideröe, Rolf. 2,698,384.
- Aktiengesellschaft für Bergbau- und Hüttenbedarf, assignee: *See*—
Heins, Werner.
- Aktiengesellschaft Oederlin & Cie: *See*—
Schütz, Edwin. 2,696,647.
- Aladdin Heating Corporation, assignee: *See*—
Marr, Jack M.
- Aladdin Industries, Inc.: *See*—
Bramming, Carl.
Bramming, Carl. 2,692,703.
De Tar, Donald R. 2,691,767.
- Aladdin Industries Ltd.: *See*—
Imber, Alfred G. 2,680,964.
- Alban, Clarence F., Pontiac, and W. C. Hill, assignors to W. M. Chace Company, Detroit, Mich. Thermostatic valve. 2,673,687, Mar. 30.
- Albano, John A. 2,689,302, Cl. 250—33.63.
- Albaugh, Frederick W., to Union Oil Co. of California. 2,685,930, Cl. 166—39.
- Albee, Arthur C.: *See*—
Pettus, James L., and Albee. 2,687,883.
- Alber, Frieda, New York, N. Y. Skate and shoe bag. 2,672,263, Mar. 16.
- Alberi, Joseph T.: *See*—
Wheatley, William B., and Alberi. 2,682,537.
- Alberico, Domenic A. 2,684,005, Cl. 84—376.
- Albers-Schoenberg, Ernst, Metuchen, assignor to Steatite Research Corporation, Keasbey, N. J. Magnesium-zinc ceramic ferrite containing copper. 2,670,331, Feb. 23.
- Albersheim, Walter J., to Bell Telephone Laboratories, Inc. 2,686,256, Cl. 250—6.
- Alberstein, Harry W.: *See*—
Perkins, Judson W., and Alberstein. 2,679,059.
- Albert, Emilia T.: *See*—
Albert, John F. 2,693,332.
- Albert, Hans: *See*—
Seidenfaden, Wilhelm, and Albert.
- Albert, Harry E.: *See*—
Hensley, William A., and Albert. 2,686,162.
- Albert, Harry E., to The Firestone Tire & Rubber Co. 2,686,167, Cl. 260—29.7.
- Albert, Harry E., to The Firestone Tire & Rubber Co. 2,690,435, Cl. 260—29.7.
- Albert, Harry E., to The Firestone Tire & Rubber Co. 2,690,436, Cl. 260—45.75.
- Albert, James A. 2,691,280, Cl. 62—117.85.
- Albert, John F., to E. T. Albert. 2,693,332, Cl. 248—42.
- Albert, Samuel: *See*—
Leblond, Charles P., and Albert. 2,684,051.
- Albert, William W.: *See*—
Strohlein, Elmer M., and Albert. 2,678,344.
- Alberts, Arthur S.: *See*—
Alberts, Sydney S. and A. S. 2,676,767.
- Alberts, Jacob L. 2,679,048, Cl. 2—42.
- Alberts, Jacob L., Yonkers, L. N. Alberts, New York, and S. S. Alberts, Yonkers, assignors to Charma Brassiere Company, Inc., New York, N. Y. Maternity garment. 2,668,292, Feb. 9.
- Alberts, Leon N.: *See*—
Alberts, Jacob L., L. N., and S. S.
- Alberts, Sydney S.: *See*—
Alberts, Jacob L., L. N., and S. S.
- Alberts, Sydney S. and A. S. 2,676,767, Cl. 242—77.
- Albertson, William C., Jr.: *See*—
Schweitzer, Howard V., and Albertson.
- Albin, Orval A., ½ to W. R. Oakley. 2,689,050, Cl. 211—128.
- Albisetti, Charles J.: *See*—
Nichols, Gordon M., and Albisetti. 2,677,676.
- Albisetti, Charles J., Jr., Elsmere, and M. J. Hogsed, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of unsaturated phosphonic acids. 2,671,106, Mar. 2.
- Albrecht, Edwin W.: *See*—
Thomas, John A., and Albrecht. 2,697,624.
- Albrecht, Karl, Maplewood, N. J., assignor to Forstner Chain Corporation. Cuff link. 2,665,465, Jan. 12.
- Albrecht, Kurt, Pleasant Hills Borough, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Electronic conductivity meter. 2,666,164, Jan. 12.
- Albright, Clayton M., Jr., and L. G. Glasser, to E. I. du Pont de Nemours & Co. 2,694,335, Cl. 88—14.
- Albright, Edward J., to Akshun Mfg. Co. 2,683,357, Cl. 62—107.
- Albright, James E., Haddon Township, Camden County, N. J., assignor to Radio Corporation of America. Color-selective optical system. 2,672,502, Mar. 16.
- Albrighton, Reginald F.: *See*—
Coley, Nelson B., and Albrighton. 2,678,437.
- Albrighton, Reginald F., assignor to General Railway Signal Company. 2,679,034, Cl. 340—163.
- Albrook, Raymond L.: *See*—
Dana, Homer J., and Albrook. 2,677,651.

- Alburtis, Carl E.: *See*—
Alburtis, Lawrence E. 2,691,740.
Alburtis, Clarence L.: *See*—
Alburtis, Lawrence E. 2,691,740.
Alburtis, Lawrence E., 33½% to C. E. Alburtis, and 33½% to C. L. Alburtis. 2,691,740, Cl. 310—83.
Albus, Charles P., and R. E. Field, to General Aniline & Film Corp. 2,689,799, Cl. 106—180.
Alcini, William J., Royal Oak, Mich. Built-up step construction. 2,672,045, Mar. 16.
Alcock, John F., Leeds, England. Means for effecting gear-change operations in variable speed power transmission mechanisms. 2,665,786, Jan. 12.
Alcock, John F., North Lancing, assignor to Power Jets (Research and Development) Limited, London, England. Air turbine power plant having rotary regenerator to transfer heat from an afterburner to the motive fluid. 2,667,034, Jan. 26.
Alcock, John F., North Lancing, assignor to Ricardo & Co., Engineers, (1927) Limited, London, England. Apparatus for assisting starting of internal-combustion engines. 2,671,438, Mar. 9.
Alcock, John F., to G. Jendrassik, deceased (A. G. T. Baszormenyi and C. Jendrassik, executors). 2,687,843, Cl. 230—69.
Alcock, Norman Z.: *See*—
Brunton, Donald C., and Alcock. 2,675,478.
Leighton, Geoffrey J., Maskell, and Alcock. 2,675,483.
Stewart, Peter J., and Alcock. 2,675,479.
Alcott, Inc., assignee: *See*—
Bryan, Alexander, and Heyniger. 2,675,775.
Alden, Milton, Wellesley, Mass. Fuse holder. 2,673,910, Mar. 30.
Alden, Milton. 2,676,310, Cl. 339—193.
Alden Products Co.: *See*—
Fricks, Richard E. 2,686,832.
Alderfer, Sterling W. 2,674,486, Cl. 296—44.
Alderfer, Sterling W., to Knapp-Monarch Co. 2,693,291, Cl. 220—3.
Alderman, Leon D., Magnolia, and R. E. Hobbs, Jr., Salem, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe bottom heater. 2,672,545, Mar. 16.
Alderman, William N., Chicago, Ill. Library cubicle or carrell. 2,673,132, Mar. 23.
Alderson, Ernest A., Pico, and W. L. Adair, Puente, Calif. Boat anchor hoist. Re. 23,791, Mar. 2.
Alderson, Ross C., and H. D. Eckhardt, to Minneapolis-Honeywell Regulator Co. 2,683,004, Cl. 244—77.
Alderson, Samuel W. 2,678,709, Cl. 192—48.
Alderson, Samuel W. 2,679,649, Cl. 3—1.1.
Alderson, Samuel W. 2,686,319, Cl. 3—12.1.
Aldred, Fred C., and G. B. Turner, to Courtaulds Ltd. 2,683,090, Cl. 92—11.
Aldrich, Etro F.: *See*—
Stewart, Charles L., and Aldrich.
Aldrich, John W., Woodbury, assignor to Derby Sealers, Incorporated, Derby, Conn. Measuring and dispensing mechanism for tacky tape. 2,671,271, Mar. 9.
Aldrich, Leo S.: *See*—
Wiegman, Clarence H., King, Carpenter, and Aldrich. 2,678,037.
Aldrich Pump Company, The, assignee: *See*—
Gibbs, Lloyd T.
Aldridge, Kenneth G., assignor to Johnson, Matthey & Company Limited, London, England. Transfer applying device for glass, ceramic, and other ware. 2,669,796, Feb. 23.
Alert Development Corp.: *See*—
Van Tassel, James. 2,692,161.
Alertronic Corporation, assignee: *See*—
Bagno, Samuel M. Re. 23,820.
Alex, Ralph P., Fairfield, assignor to United Aircraft Corporation, East Hartford, Conn. Helicopter rotor head assembly. 2,672,940, Mar. 23.
Alexander, Bettye, assignee: *See*—
Fletcher, Russell H.
Alexander, Carl J.: *See*—
Bowers, Raymond W., and Alexander.
Alexander, Carl Z., Madison, N. J. Steam boiler. 2,664,861, Jan. 5.
Alexander, Cruzan, and T. H. Whaley, to Phillips Petroleum Co. 2,684,290, Cl. 23—314.
Alexander, Donald B.: *See*—
Barrett, Edward L. 2,684,396.
Alexander, Donald B., trustee: *See*—
Barrett, Edward L. 2,692,745.
Alexander, Emmett L., to G. E. Failing Co. 2,690,935, Cl. 308—8.2.
Alexander, George H., Machinery Ltd.: *See*—
Ball, Edgar D. 2,683,934.
Alexander, Guy B., and R. K. Iler, assignors to E. I. du Pont de Nemours & Company. 2,679,463, Cl. 106—306.
Alexander, Henry S., assignor to Keystone View Company. 2,674,153, Cl. 88—20.
Alexander, James C. 2,683,443, Cl. 123—41.25.
Alexander, Kenneth A., Forest Hills, Pa., assignor to Westinghouse Air Brake Company. Compressed air supply system. 2,666,568, Jan. 19.
Alexander, Kliem, and L. E. Schniepp, assignors to the United States of America as represented by the Secretary of Agriculture. 2,676,972, Cl. 260—347.8.
Alexander, Paul, to Alexander Vacuum Research, Inc. 2,693,521, Cl. 201—63.
Alexander, Peter P., assignor to Metal Hydrides Incorporated. 2,674,542, Cl. 117—22.
Alexander, Thomas E., Houston, Tex. Apparatus for cementing wells. 2,667,926, Feb. 2.
Alexander Vacuum Research, Inc.: *See*—
Alexander, Paul. 2,693,521.
Alexander, William R., O. E. Williams, H. H. Dawson, and H. K. Bentz, Columbus, Ohio, assignors, by mesne assignments, to L. L. Mack, Stamford, Conn. Machine for the correction of posture and normalization of weight. 2,666,429, Jan. 19.
Alexanderson, Howard A., to Bendix Aviation Corp. 2,684,818, Cl. 244—134.
Alexanderson, Howard A., and R. Z. Hague, assignors to Bendix Aviation Corporation. 2,678,639, Cl. 123—25.
Alexanderson, Howard A., and R. Z. Hague, assignors to Bendix Aviation Corporation. 2,678,642, Cl. 123—103.
Alexy, Matthew R., to Radio Corp. of America. 2,688,882, Cl. 74—414.
Alf, Fritz: *See*—
Seulen, Gerhard, and Alf.
Alford, Andrew. 2,682,050, Cl. 343—107.
Alford, Andrew. 2,692,335, Cl. 250—33.
Alford, Harvey E.: *See*—
Bartleson, John D., and Alford. 2,691,002.
Hughes, Everett C., Alford, and Bartleson. 2,695,271.
Alford, Joseph S., to General Electric Co. 2,694,289, Cl. 60—35.6.
Alford, Wayne A., to Hathaway Instrument Co. 2,687,337, Cl. 346—107.
Alfred Herbert Ltd.: *See*—
Lloyd, Arthur H., and Smith. 2,683,607.
Alfred, Lawrence W.: *See*—
Merrill, Marcellus S., and Alfred. 2,692,002.
Alger, Martin J., Jr., to The New York Air Brake Co. 2,694,997, Cl. 116—106.
Alginate Industries Ltd.: *See*—
McDowell, Richard H. 2,686,127.
Algino, Joseph M.: *See*—
Nelson, James A., Algino, and Webber. 2,682,922.
Alink, Roelof J. H.: *See*—
Vermeulen, Roelof, Alink, and Bos. 2,681,802.
Alix, Elmer C., Charlton City, and H. A. Wilson, South Spencer, Mass. Filling thread gripping and cutting device. 2,672,165, Mar. 16.
Alix, Elmer C., and H. A. Wilson. 2,696,844, Cl. 139—264.
Alizon, Etienne, La Celle Saint-Cloud, France. Selector switch for telephonic or other commutation systems. 2,666,811, Jan. 19.
Alizon, Etienne G., La Celle-Saint-Cloud, France. Switching system. 2,666,810, Jan. 19.
Alkaline Batteries, Limited, assignee: *See*—
Field, Braham R.
Alkan, Robert, assignor to Société Française d'équipements pour la Navigation Aérienne S. F. E. N. A. 2,676,408, Cl. 33—1.
All American Engineering Co.: *See*—
Cotton, Robert B., and Doolittle. 2,692,120.
Doolittle, Donald B. 2,692,099.
Doolittle, Donald B., and Janney.
Pierce, Edwin B. 2,692,096.
Allan, George W. 2,693,909, Cl. 235—61.12.
Allan, George W. C., W. E. Dale, G. A. Sparham, and R. L. Brown, to C. U. R. A. Patents Ltd. 2,696,019, Cl. 18—1.
Allan, Hugh, to Rotary Lift Co. 2,695,711, Cl. 210—166.
Allan, John, and E. B. Thomas, Spondon, near Derby, England, assignors to British Celanese Limited. Production of fibrous webs. 2,670,316, Feb. 23.
Allander, Claes G., and S. W. Wallin, assignors to A. B. Svenska Flakfabriken. 2,678,237, Cl. 302—31.
Allander, Claes V., to Amanda Christensen AB. 2,690,146, Cl. 112—170.
Allanson Armature Manufacturing Company, Limited, assignee: *See*—
Stewart, Henry R.
Allard, Christian H. J.-M. 2,677,740, Cl. 200—150.
Allard, Pierre J.-M. T., Eaubonne, France. Automatic grab-bucket. 2,668,377, Feb. 9.
Allard, William. 2,675,714, Cl. 74—491.
Allardt, Ernst W., Alliance, Ohio, assignor, by mesne assignments, to The Babcock & Wilcox Company, Jersey City, N. J. Rotary seam welding transformer. 2,666,121, Jan. 12.
Allardt, Ernst W., Alliance, Ohio, assignor, by mesne assignments, to The Babcock & Wilcox Company, Jersey City, N. J. Post heating of electrically welded tubes in line of production. 2,673,276, Mar. 23.
Allberry, Edward C., and S. W. Hawkins, to Imperial Chemical Industries Ltd. 2,687,358, Cl. 106—287.
Allbert, Eugene F., and W. T. Hunt, Jr., assignors to Westinghouse Electric Corporation. 2,677,082, Cl. 318—63.
Allbright-Nell Co., The: *See*—
Allbright, Norman J.
Allbright, Norman J. 2,696,442.
Allbright, Norman J. 2,696,443.
Crawford, Louis L.
Harrington, Bertie S. 2,674,179.
Hillsley, Ralph W.
Allbright, Norman J., assignor to The Allbright-Nell Company, Chicago, Ill. Container. 2,665,630, Jan. 12.

- Allbright, Norman J., to The Allbright-Nell Co. 2,696,442, Cl. 99—187.
- Allbright, Norman J., to The Allbright-Nell Co. 2,696,443, Cl. 99—187.
- Allegheny Ludlum Steel Corp.: *See*—
- Broeler, Walter R. 2,696,450.
- Cargill, Alexander B. 2,686,211.
- Hanks, Arthur H. 2,679,680.
- Henke, Robert H. 2,684,298.
- Herres, Schuyler A.
- Herres, Schuyler A. 2,697,126.
- Herres, Schuyler A., and Redden. 2,691,578.
- Klaybor, Leonard V.
- McHenry, Ernest C. 2,676,599.
- Paine, Howard A. 2,686,826.
- Sheetz, Lloyd B. 2,678,208.
- Sheridan, Claude M., and Benzer. 2,695,229.
- Southern, Raymond L. 2,686,825.
- Southern, Raymond L., and Taylor. 2,677,710.
- Alleman, Carl E., Cactus, Tex., assignor to Phillips Petroleum Company. Method and apparatus for converting and quenching hydrocarbons. 2,673,786, Mar. 30.
- Allemann, Ernst, E. Fritsch, and H. Leu, assignors to Schweizerische Isola-Werke. 2,674,007, Cl. 18—13.
- Allen, Abbott W., assignor to Schering Corporation. 2,677,645, Cl. 167—95.
- Allen, Alaric, to A. C. Cossor Ltd. 2,691,161, Cl. 343—6.
- Allen, Arthur F., assignor to Safway Steel Products, Inc., Milwaukee, Wis. Safety device. 2,671,638, Mar. 9.
- Allen, Arthur N., Jr., Wethersfield, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller construction having integral hub reservoir. 2,667,229, Jan. 26.
- Allen-Bradley Co.: *See*—
- Dawe, Albert J., Matthias, and De Smidt.
- Lawrence, Leland E. 2,692,314.
- Perkins, Laurence M. 2,688,058.
- Allen, Charles F.: *See*—
- Fern, Kenneth A., and Allen.
- Allen, Charles F. H., and C. V. Wilson, to Eastman Kodak Co. 2,694,716, Cl. 260—304.
- Allen, Charles F. H., and J. R. Byers, Jr., Rochester, N. Y., and R. H. Sprague, Portland, Conn., assignors to Eastman Kodak Company, Rochester, N. Y. Azopyridine compounds as fog inhibitors for photographic emulsions. 2,673,152, Mar. 23.
- Allen, Charles F. H., and J. R. Byers, Jr., to Eastman Kodak Co. 2,692,269, Cl. 260—340.5.
- Allen, Chester S., Warren, Pa. Plastic spout for liquid containers. 2,670,885, Mar. 2.
- Allen, Clyde H., and L. G. McKay. 2,677,830, Cl. 4—214.
- Allen, Eddie. 2,676,865, Cl. 312—308.
- Allen, Edwin L., Cleveland Heights, assignor, by mesne assignments, to R. I. Schonitzer, Cleveland, Ohio. Door control mechanism. 2,665,156, Jan. 5.
- Allen, Edwin L., Cleveland Heights, assignor, by mesne assignments, to R. I. Schonitzer, Cleveland, Ohio. Door control mechanism. 2,665,159, Jan. 5.
- Allen, Edwin L., to R. I. Schonitzer. 2,683,050, Cl. 292—216.
- Allen, Edwin L., Cleveland Heights, and R. I. Schonitzer, Shaker Heights, Ohio, assignor, by mesne assignments, to said Schonitzer. Door control mechanism. 2,665,934, Jan. 12.
- Allen, Francis W. B., to Johns-Manville Corp. 2,695,706, Cl. 206—82.
- Allen, Frank B., to C-O-Two Fire Equipment Co. 2,682,356, Cl. 222—396.
- Allen, Frank B., to C-O-Two Fire Equipment Co. 2,684,180, Cl. 222—5.
- Allen, Frank B., Towaco, and N. H. Siebens, East Orange, assignors to C-O-Two Fire Equipment Company, Newark, N. J. Powder fire extinguisher. 2,667,225, Jan. 26.
- Allen, George W.: *See*—
- Leslie, John H. II, and Allen. 2,691,413.
- Strathearn, Donald M., and Allen. 2,680,448.
- Allen, George W. 2,685,097, Cl. 15—104.3.
- Allen & Hanburys Limited, assignee: *See*—
- Campbell, Norman R., Fitzgerald, and Collier.
- Allen, Harold P., to the United States of America as represented by the Secretary of the Navy. 2,681,008, Cl. 102—70.2.
- Allen, Harold P., to the United States of America as represented by the Secretary of the Navy. 2,682,047, Cl. 343—7.
- Allen, Herbert, to Cameron Iron Works, Inc. 2,683,046, Cl. 285—22.
- Allen, Herbert, to Cameron Iron Works, Inc. 2,683,047, Cl. 285—22.
- Allen, Herbert, to Cameron Iron Works, Inc. 2,684,596, Cl. 74—22.
- Allen, Herbert, to Cameron Iron Works, Inc. 2,690,344, Cl. 285—22.
- Allen, Herman C.: *See*—
- Russell, William W., and Allen. 2,689,194.
- Allen, Howard G., and R. A. Dick, to General Riveters, Inc. 2,689,589, Cl. 144—32.
- Allen, James G., Uby, Mich. Door holder and buffer. 2,664,590, Jan. 5.
- Allen, John M.: *See*—
- Newby, Thomas H., and Allen. 2,692,281.
- Allen, John M., Toronto, Ontario, Canada, assignor to Scott & Williams, Incorporated, Laconia, N. H. Circular knit stocking and making same. 2,667,774, Feb. 2.
- Allen, Joseph C., assignor to The Texas Company. 2,676,092, Cl. 23—216.
- Allen, Kenneth L.: *See*—
- Millard, Lee P., and Allen. 2,682,948.
- Allen, Lawrence P. 2,675,180, Cl. 238—299.
- Allen, Lloyd, Jr. 2,678,451, Cl. 4—57.
- Allen, Louis N., Jr., to Chemical Construction Corp. 2,688,854, Cl. 62—123.
- Allen, Louis N., Jr., to Chemical Construction Corp. 2,691,570, Cl. 23—117.
- Allen, Louis S., Alexandria, Va. Golf ball cleaner. 2,672,633, Mar. 23.
- Allen, Louis S., Alexandria, Va. Portable golf ball cleaner. 2,672,637, Mar. 23.
- Allen, Lyman H., Jr., assignor to Celanese Corporation of America. 2,678,600, Cl. 100—93.
- Allen, Malcolm C., and D. G. Magill, to American Can Co. 2,690,288, Cl. 229—51.
- Allen, Marvin K., Houston, Tex., and R. C. Ulm, Scherer-ville, assignors to Graver Tank & Mfg. Co., Inc., East Chicago, Ind. Floating roof. 2,669,372, Feb. 16.
- Allen, Morris S.: *See*—
- Jones, Leslie D., and Allen. 2,678,374.
- Allen, Paul M. 2,693,424, Cl. 339—239.
- Allen, Philip J. 2,677,055, Cl. 250—33.63.
- Allen, Raymond W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Draught bar. 2,665,902, Jan. 12.
- Allen, Reginald. 2,690,170, Cl. 125—11.
- Allen, Robert L.: *See*—
- Elliott, Thomas A., Allen, and Carmichael. 2,674,374.
- Allen, Robert L. 2,679,330, Cl. 214—701.
- Allen, Robert L., and J. G. Futral, to Georgia Tech Research Institute. 2,684,781, Cl. 221—1.
- Allen, Ruth C. 2,693,751, Cl. 99—339.
- Allen, Sessal D.: *See*—
- Stockett, Wiley T., Jr., and Allen. 2,688,285.
- Allen-Sherman-Hoff Co., The: *See*—
- Berry, Bernard C. 2,693,775.
- Mylting, Lauritz E. 2,679,374.
- Mylting, Lauritz E. 2,693,761.
- Mylting, Lauritz E. 2,693,776.
- Allen, Sidney, and E. G. D. Andrews, assignors to Armstrong Siddeley Motors Limited, Coventry, England. Combustion equipment of rocket motors. 2,664,701, Jan. 5.
- Allen, Stratford B., to Joseph Pollak Corp. 2,694,118, Cl. 200—90.
- Allen, Thomas O., Bellaire, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Small gun perforators for oil wells. 2,672,195, Mar. 16.
- Allen, Thomas O., to Standard Oil Development Co. 2,693,856, Cl. 166—23.
- Allen, Thomas O., and J. C. McDuffie, Jr., to Standard Oil Development Co. 2,689,008, Cl. 166—23.
- Allen, W. D., Mfg. Co.: *See*—
- Pratt, Herbert L. 2,686,644.
- Allen Warper Co.: *See*—
- Watson, Thomas E. 2,681,497.
- Allen, William M., Jr. 2,693,301, Cl. 222—456.
- Allen, William W., assignor to American Chemical Paint Company, Ambler, Pa. Plant growth regulation. 2,670,282, Feb. 23.
- Allenby, William F., Stratford, assignor to The Bryant Electric Company, Bridgeport, Conn. Switch. 2,668,895, Feb. 9.
- Aller, Willis F., assignor to The Sheffield Corporation. 2,677,269, Cl. 73—37.5.
- Aller, Willis F., assignor to The Sheffield Corporation. 2,677,325, Cl. 101—43.
- Aller, Willis F., to The Sheffield Corp. 2,683,983, Cl. 73—37.5.
- Aller, Willis F., to The Sheffield Corp. 2,686,424, Cl. 73—37.5.
- Aller, Willis F., to The Sheffield Corp. 2,687,038, Cl. 73—37.5.
- Aller, Willis F., to The Sheffield Corp. 2,691,827, Cl. 33—172.
- Aller, Willis F., and D. H. McConnell, assignors to The Sheffield Corporation. 2,675,622, Cl. 33—148.
- Alles, Francis P., and W. R. Saner, to E. I. du Pont de Nemours & Co. 2,698,239, Cl. 95—9.
- Alles, Francis P., and W. R. Saner, to E. I. du Pont de Nemours Co. 2,698,240, Cl. 95—9.
- Alles, John J., Wilkes-Barre, Pa. Circuit controller. 2,665,417, Jan. 5.
- Allgemeine Elektrizitäts-Gesellschaft: *See*—
- Koppelman, Floris. 2,693,576.
- Alliance Mfg. Co., The: *See*—
- Jordan, Richard H. 2,682,628.
- Jordan, Richard H., and Schneider. 2,682,629.
- Allied Chemical & Dye Corp.: *See*—
- Anderson, Thomas F. 2,679,493.
- Anderson, Thomas F. 2,680,722.
- Baker, Theodore C.
- Baker, Theodore C. 2,680,105.
- Bewick, Howard A. 2,692,818.
- Bunnell, Raymond H. 2,679,495—6.
- Calfee, John D., and Miller. 2,674,630.
- Calfee, John D., and Miller. 2,681,267.
- Calfee, John D., Miller and Schneider. 2,690,815.
- Coleman, Gordon A. 2,680,680.

Allied Chemical & Dye Corp.: *See*—Continued.

Coleman, Gordon A., and Sutherland. 2,674,589.
 Congdon, William J., and Grossmann.
 Congdon, William J., and Weston.
 Cordier, David E. 2,680,104.
 Crossley, James E. 2,685,369.
 Davidson, John B., and Romatowski. 2,683,134.
 Davidson, John B., and Santelli. 2,680,073.
 Dearing, William C. 2,680,682.
 Dearing, William C. 2,680,734.
 Donegan, Joseph W.
 Ebert, Richard K., Cosby, and Porter. 2,688,635.
 Eck, John C.
 Eck, Sohn C. 2,688,531.
 Erchak, Michael, Jr. 2,683,141.
 Gilbert, Everett E.
 Gilbert, Everett E. 2,695,308.
 Gilbert, Everett E. 2,697,120.
 Gilbert, Everett E., Kelly, and Woolf. 2,695,918.
 Gilbert, Everett E., and McGough. 2,690,450.
 Gilbert, Everett E., and McGough. 2,690,451.
 Gilbert, Everett E., Otto, and Veldhuis. 2,697,119.
 Harvey, Edward W., and Frear. 2,680,679.
 Hatcher, David B.
 Hatcher, David B. 2,695,276.
 Hatcher, David B., and Bunnell. 2,683,674.
 Hatcher, David B., and Bunnell. 2,684,974.
 Heckel, Harry L., Jr. 2,684,964.
 Howald, Arthur M.
 Ingraham, Harold O. C., and Sundy.
 Joffe, Jack D.
 Joris, George G. 2,681,936.
 Joseph, Robert T., and Cole. 2,697,117.
 Lisk, George F.
 Martin, Andrew J. 2,694,070.
 Maslin, John A.
 Mayer, Perry E. 2,681,318.
 McClow, Wayne W. 2,693,283.
 Meiser, Kenneth D., and Kassay. 2,679,490.
 Miller, Charles B., and Calfee.
 Miller, Charles B., and Calfee. 2,674,631.
 Miller, Charles B., and Calfee. 2,676,996.
 Miller, Charles B., and Smith.
 Olmer, Francois J. G., and Nesty.
 Rosenberger, Frank B. 2,681,902.
 Simons, John K.
 Simons, John K. 2,684,366.
 Sogn, Allen W. 2,684,358.
 Sogn, Allen W. 2,684,359.
 Townend, Robert V., and Trout.
 Weinstock, Harry H., Jr. 2,688,608.
 Weinstock, Harry H., Jr., and Nesty. 2,692,875.
 Wiley, Paul F. 2,683,741.
 Winstrom, Leon O., and Harris.
 Woolf, Cyril. 2,691,053.
 Woolf, Cyril, and Miller.

Allied Colloids (Manufacturing) Company Limited, assignee: *See*—

Gill, Ronald. 2,677,681.

Allied Control Company, Inc., assignee: *See*—

Bancroft, James E.

Allied Electric Products, Inc.: *See*—

Wiesberg, Sidney M. 2,686,357.

Allied Ironfounders Limited, assignee: *See*—

Blumsom, Ernest J. 2,676,583.

Allied Mills, Inc.: *See*—

Singer, Philip A., and Deobald. 2,683,091.

Allied Steel and Conveyors, Inc., assignee: *See*—

Harrison, Homer S.
 Harrison, Homer S. 2,698,078.

Allin, George S., assignee: *See*—

Miscovich, John A. 2,680,650.

Allin, Frederick R., assignor to The Weatherhead Com-

pany. 2,675,021, Cl. 137—536.

Allin, Frederick R., Euclid, and F. D. Wyss, Cleveland

Heights, assignors to The Weatherhead Company,

Cleveland, Ohio. Air-operated hydraulic brake booster

unit. 2,670,603, Mar. 2.

Allis-Chalmers Mfg. Co.: *See*—

Aicher, Louis C. 2,675,519.

Becker, George D.

Becker, George D. 2,675,907.

Becker, George D. 2,698,194.

Beckwith, Sterling. 2,683,227.

Blackwell, Edward J.

Brundage, John F. 2,685,159.

Buhr, August G. 2,683,404.

Buhr, August G. 2,697,975.

Buhr, August G. 2,698,114.

Carlin, Robert. 2,674,985.

Coleman, Bernard F., and Herr. 2,683,606.

Eagan, William F. 2,674,125.

Ferguson, Rector C.

Ferguson, Rector C. 2,691,265.

Flentie, John L. 2,683,403.

Gerg, Robert A. 2,686,287.

Giger, Walter. 2,688,937.

Goodwin, Edwin C. 2,674,676.

Grosch, George S. 2,693,392.

Halter, Allan C. 2,667,080.

Harrer, Paul H.

Harrer, Paul H., and Fischer. 2,682,945.

Allis-Chalmers Mfg. Co.: *See*—Continued.

Hartwig, Walter J. 2,695,194.
 Helmle, Hubert E. 2,694,581.
 Herr, Charles H., Jr. 2,683,634.
 Hodtum, Joseph B. 2,686,236.
 Holland, Roy P. 2,688,109.
 Hotson, Dale V.
 Jansson, Gustav E., and Salzer. 2,676,285.
 Johnson, George C. 2,682,020.
 Kelle, Arthur C.
 Knott, Donald D. 2,691,540.
 Lecker, Harry J., and Worrell. 2,693,073.
 Leliter, Chester P. 2,686,982.
 Linde, Leonard J. 2,681,958.
 Lutz, Milton W.
 Murphy, Bernard J. 2,685,464.
 Nielsen, Charles W. 2,677,795.
 Norelius, Emil F., Toth, and Rinkema.
 O'Harrow, Charles T.
 O'Harrow, Charles T. 2,678,702.
 Otto, Eugene J. 2,678,567.
 Otto, Eugene J. 2,690,677.
 Peoples, Robert M.
 Pusztay, Russell J. 2,679,437.
 Ramrath, Joseph M. 2,678,984.
 Ray, James L.
 Reaves, Robert S. 2,688,908.
 Reaves, Robert S., and Yeske. 2,696,773.
 Ross, Hugh L.
 Sams, Fred V. 2,674,283.
 Sanden, Lloyd H. 2,692,968.
 Scag, Dane T. 2,675,485.
 Scag, Dane T. 2,695,978.
 Schick, Frederick A.
 Schick, Frederick A. 2,693,717.
 Scranton, Charles J., and Worrell. 2,685,161.
 Sealey, William C. 2,675,520.
 Shupe, Leslie A.
 Sikorra, Daniel J. 2,677,085.
 Smeltz, Floyd O. 2,678,412.
 Strehlow, Walter F. 2,679,199.
 Strommen, John A. 2,681,484.
 Tanke, Willard H. 2,685,384.
 Tanke, Willard H. 2,687,238.
 Tanke, Willard H., and Buhr. 2,693,747.
 Tanke, Willard H., Buhr, and Groth. 2,687,074.
 Tanke, Willard H., and Sexton. 2,692,543.
 Timm, Harold D. 2,678,364.
 Timmerman, Julius W. 2,689,317.
 Weber, Kenneth R. 2,675,751.
 Wiemerslage, Walter L. 2,683,405.
 Wilson, Charles D. 2,676,279.
 Woody, Guy V. 2,696,351.

Allis, Louis, Company, The, assignee: *See*—

Wieseman, Theodore R. 2,674,404.

Allison Co., The: *See*—

Allison, Hugh V., and Kendall. 2,694,886.

Sevick, Richard D. 2,690,632.

Allison, Hugh V., and G. H. Kendall, to The Allison Co.

2,694,886, Cl. 51—206.

Allison, Ira E. 2,696,820, Cl. 130—27.

Allison, James W., Mondovi, and E. M. Cejka, Milwaukee,

Wis. Moldboard soil pulverizer. 2,670,670, Mar. 2.

Allison, John R. 2,685,694, Cl. 4—67.

Allison, Kenneth C., to Grigsby-Allison Co., Inc.

2,691,702, Cl. 200—16.

Allison, Leslie R., assignor to Westinghouse Air Brake

Company. 2,679,555, Cl. 179—171.

Allison, W. D., Company, assignee: *See*—

Roehm, Edgar W. 2,679,445.

Allmanna Svenska Elektriska Aktiebolaget: *See*—

Anderson, Bror G. A., and Wallenborn. 2,685,017.

Arvidsson, Algot, Elmlund, and Sonesson.

Blaus, Janis, and Olsten. 2,677,538.

Dreyfus, Ludwig. 2,676,232.

Dreyfus, Ludwig, Thelemarck, Beckius, and Lindström.

Forwald, Haakon. 2,677,739.

Forwald, Haakon. 2,696,197.

Gynt, Sven.

Herlitz, Ivar, and Knudsen. 2,682,634.

Lammn, Uno, and Arvidsson. 2,683,225.

Lannefors, Lennart. 2,674,878.

Olsson, Uno.

Petersén, Wilhelm H. 2,687,481.

Vörts, Svend A., and Nilsson. 2,688,715.

All Metal Products Company, assignee: *See*—

Morgan, Allan.

Allover Mfg. Co.: *See*—

Boerger, Julius W. 2,689,312.

Meltzer, Henry E. 2,695,007.

All Star Products, Inc.: *See*—

Ingle, Donald P. 2,694,782.

Alloy Steel Products Co., Inc.: *See*—

Davis, John H., Jr., and Nelson. 2,692,750.

Allred, John L. 2,681,193, Cl. 244—150.

Allston, Alice C.: *See*—

Allston, Francis B. and A. C. 2,687,245.

Allston Francis B. and A. C. 2,687,245, Cl. 226—60.

Alltools Limited, assignee: *See*—

Hailer, Albert H., and Saunders.

Allwine, Harrison S., to Radio Corp. of America.

2,691,116, Cl. 313—78.

- Alm, Robert M., Highland, Ind., assignor to Standard Oil Company, Chicago, Ill. Gelling normally liquid hydrocarbons. 2,668,098, Feb. 2.
- Alma, Gerrit H. P., and K. Rodenhuis, to Hartford National Bank and Trust Co., trustee. 2,695,972, Cl. 313—263.
- Almen, John O., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Hydraulic motor actuated marine propeller pitch control. 2,671,518, Mar. 9.
- Almen, John O., to General Motors Corp. 2,682,936, Cl. 188—218.
- Almen, John O., to General Motors Corp. 2,687,653, Cl. 74—417.
- Almër, Sven B.: *See*—
Dahl, Gustav S. A., and Almër.
- Almex Inc.: *See*—
Ståhl, Nils E. J., and Larsson. 2,693,871.
- Almgren, August E.: *See*—
Jakob, John P., and Almgren. 2,696,932.
- Almgren, August E., Hillside, and J. P. Jakob, Roselle, N. J., assignors to American Can Company, New York, N. Y. Container opening device. 2,673,020, Mar. 23.
- Almlöf, John H. 2,686,968, Cl. 30—151.
- Almond, John R., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Relay valve for vacuum brake systems. 2,670,247, Feb. 23.
- Almond, John R., to The Midland Steel Products Co. 2,682,929, Cl. 180—79.2.
- Almorth, Gustav A. 2,687,535, Cl. 4—239.
- Aloe, A. S., Co.: *See*—
La Vigne, Eugene E. 2,686,922.
- Aloisio, Joseph P., to Raytheon Mfg. Co. 2,689,320, Cl. 318—317.
- Alperstein, Harry, Belle Harbor, N. Y. Extendable table with foldable leaves. 2,666,680, Jan. 10.
- Alpha Shrimp Machine Corp., The: *See*—
Yanus, Albert B., and Cerny. 2,683,281.
- Alpura, A. G.: *See*—
Gressly, Kuno E. 2,690,329.
- Alrose Chemical Company, assignee: *See*—
Zussman, Hyman W., and Bernstein.
- Alsberg, Dietrich A., to Bell Telephone Laboratories, Inc. 2,685,063, Cl. 324—83.
- Alsina Comellas, Juan. 2,691,270, Cl. 60—54.6.
- Alsina, Enrique N., and F. L. Grau, Barcelona, Spain. Tap or faucet. 2,671,465, Mar. 9.
- Alsing, Carl F., to Seeger Refrigerator Co. 2,697,916, Cl. 62—4.
- Alsing, Carl F., and C. R. Dill, assignors to Seeger Refrigerator Company. 2,677,250, Cl. 62—116.
- Alsop, William G., to Colgate-Palmolive Co. 2,684,971, Cl. 260—410.7.
- Alstadt, Benjamin, and H. Sappey, New York, N. Y. Liquid feeding nipple construction. 2,672,870, Mar. 23.
- Alstadt, Donald M., and E. W. Coleman, Jr., Erie, Pa. Rubber reinforced structure. 2,673,170, Mar. 23.
- Alsterberg, Carl E.: *See*—
McLaren, Ian H., and Alsterberg.
- Alston, Paul W., Berkeley, assignor to Spreckels Sugar Company, San Francisco, Calif. Reclaiming beet pulp press water. 2,673,165, Mar. 23.
- Alston, Thomas E. 2,684,243, Cl. 272—1.
- Alt, Arthur, and R. E. Howard, assignors to Monsanto Chemical Company. 2,674,628, Cl. 260—592.
- Alt, Harold M., to American Locomotive Co. 2,690,276, Cl. 220—46.
- Alt, Harold M., and O. Westover, to American Locomotive Co. 2,690,275, Cl. 220—46.
- Alta Engineering Company, assignee: *See*—
Coates, J. Edwin.
- Altmore, Arthur L., assignor to Avco Manufacturing Corporation. 2,678,402, Cl. 290—40.
- Altmore, James D. 2,683,609, Cl. 280—35.
- Altenbach, François. 2,674,718, Cl. 324—29.
- Altenburger, Ernst: *See*—
Westinger, Karl, Altenburger, and Hirt. 2,686,584.
- Alter, Albert R., assignor to Philco Corporation, Philadelphia, Pa. Automatic frequency control for carrier-wave receivers. 2,666,847, Jan. 19.
- Alter, Robert S.: *See*—
Bradburd, Ervin M., and Alter. 2,677,809.
- Alter, Siegfried, assignor to J. A. Crabtree & Co. Limited. 2,674,672, Cl. 200—116.
- Altgelt, Herman E., assignor to Deere & Company, Moline, Ill. Vehicle seat. 2,672,920, Mar. 23.
- Altgelt, Rudolph J., South Bend, Ind., assignor to Dearborn Motors Corporation, Birmingham, Mich. Lift hitch for implements. 2,673,505, Mar. 30.
- Altgelt, Rudolph J., assignor, by mesne assignments, to Ford Motor Company. 2,674,174, Cl. 97—198.1.
- Altgelt, Rudolph J., to Ford Motor Co. 2,690,111, Cl. 97—47.88.
- Altgelt, Rudolph J., and A. C. Lindgren, assignors, by mesne assignments, to Ford Motor Company. 2,674,467, Cl. 280—453.
- Altgelt, Rudolph J., and R. W. Wilson, to Ford Motor Co. 2,690,113, Cl. 97—205.
- Alther, Joseph G., ½ to P. M. Van Arsdell. 2,682,471, Cl. 99—138.
- Altherr, Walter M., to A. B. Chance Co. 2,697,150, Cl. 200—113.
- Althouse, William S., Jr., Arcadia, assignor to Baker Oil Tools, Inc., Vernon, Calif. Casing centering device. 2,665,762, Jan. 12.
- Altman, Eston. 2,683,477, Cl. 146—52.
- Alton Box Board Co.: *See*—
Hollis, Robert F. 2,697,661.
- Miller, Andrew E.
- Altorfer Bros. Co.: *See*—
Castricone, John A. 2,695,147.
- Altus Engineering Co. (Corsham) Ltd.: *See*—
Girdlestone, Peter C. 2,680,862.
- Altwater, Adolf H., Chesterfield, assignor to Western Supplies Company, St. Louis, Mo. Die set and method of shaping the back portions and top lines of shoes. 2,666,218, Jan. 19.
- Altwater, Adolf H., to Western Supplies Co. 2,692,400, Cl. 12—97.
- Aluja, Juan. 2,674,195, Cl. 103—161.
- Alumatic Corporation of America, assignee: *See*—
Zitomer, Abe.
- Aluminex Incorporated, assignee: *See*—
Estey, James R. 2,676,433.
- Aluminium Laboratories Ltd.: *See*—
Hartwick, Elbert F. 2,681,943.
- Spooner, Roy C. 2,678,875.
- Aluminum Air Seal Mfg. Co.: *See*—
Webster, Clifford L. 2,689,386.
- Aluminum Bronze Co. Ltd.: *See*—
Cleiff, Joseph A. 2,689,485.
- Aluminum Co. of America: *See*—
Burrows, Charles F. 2,692,851.
- Burrows, Charles F. 2,692,852.
- Ennor, William T., and Heath. 2,683,294.
- MacIntyre, David. 2,688,047.
- McClintock, Thomas I., and Hurst.
- Zelley, Walter G. 2,676,916.
- Aluminum Foil Packaging Co., assignee: *See*—
Swaine, William G.
- Alvarez, Luis W., Berkeley, Calif. Radio navigation system. 2,668,287, Feb. 2.
- Alvarez, Luis W., Berkeley, assignor to The Rand Corporation, Santa Monica, Calif. Thermionically emissive element. 2,672,567, Mar. 16.
- Alvarez, Luis W., to the United States of America as represented by the United States Atomic Energy Commission. 2,685,027, Cl. 250—27.
- Alvarez, Octavio J., to Alvarez Patent Corp. 2,684,624, Cl. 99—298.
- Alvarez Patent Corp.: *See*—
Alvarez, Octavio J. 2,684,624.
- Alves Photo Service, Inc.: *See*—
Knobel, Max. 2,682,212.
- Alvord, Charles C., to Norton Co. 2,697,316, Cl. 53—86.
- Alway, Clayton D., W. J. Haines, O. R. Woods, and N. A. Drake, to The Upjohn Co. 2,692,820, Cl. 23—309.
- Alwin Mfg. Co.: *See*—
Krueger, Archibald S., and Slye. 2,682,441.
- Amalgamated Wireless (Australasia) Limited, assignee: *See*—
Watkinson, Eric.
- Amanda Christensen AB: *See*—
Allander, Claës V. 2,690,146.
- Amann, Ralph W. 2,675,259, Cl. 292—114.
- Amatel, Harold, Glendale, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Package of fragile articles. 2,667,267, Jan. 26.
- Amber, Yervant. 2,692,448, Cl. 38—123.
- Amberg, Stephen W.: *See*—
Amberg, Walter E. and S. W.
- Amberg, Walter E., Beverly Shores, Ind., assignor to Lily-Tulip Cup Corporation, Chicago, Ill. Pickup holder for paper cups. 2,672,742, Mar. 23.
- Amberg, Walter E., Chicago, Ill. Speed reducer. 2,666,345, Jan. 19.
- Amberg, Walter E., Beverly Shores, Ind., and S. W. Amberg, Barrington, Ill., assignors to Lily-Tulip Cup Corporation. Forming truncated conical paper cups. 2,673,496, Mar. 30.
- Ambler, Geoffrey H., assignor to Ambler Superdraft Limited, Ilkley, England. Pressure-applying device for the drafting rollers of drafting apparatus. 2,666,232, Jan. 19.
- Ambler, Geoffrey H., Ilkley, assignor to Ambler Superdraft Limited, Yorkshire, England. Apparatus for drafting textile fibers. 2,673,376, Mar. 30.
- Ambler, Geoffrey H., assignor to Ambler Superdraft Limited. 2,678,472, Cl. 19—130.
- Ambler Superdraft Limited, assignee: *See*—
Ambler, Geoffrey H. 2,678,472.
- Ambrose, Henry A., and O. L. Brandes, to Gulf Research & Development Co. 2,692,821, Cl. 44—62.
- Ambrose, Henry A., and O. L. Brandes, to Gulf Research & Development Co. 2,697,033, Cl. 44—68.
- Ambrose, James R., assignor to Radio Corporation of America. 2,674,660, Cl. 179—100.2.
- Ambrose, Leopold R. 2,683,339, Cl. 51—216.
- Ambrosino, John. 2,682,980, Cl. 223—95.
- Amdursky, Mark E.: *See*—
Szegho, Constantin S., Reed, and Amdursky.
- Amele, Peter, and H. L. Malone, to Eastman Kodak Co. 2,685,668, Cl. 320—1.

- Ameline, Jean, Sceaux, France. Toolholder device for prosthesis apparatus for the upper limbs, to be secured on the stump of an amputated arm. 2,666,928, Jan. 26.
- Ameln, Karl R., assignor to Svenska Ackumulator Aktiebolaget Jungner. 2,677,006, Cl. 136—20.
- Amendola, James V. 2,678,513, Cl. 45—136.
- Ament, Walter D. 2,690,843, Cl. 211—40.
- Amer, Donald F., Newcastle-on-Tyne, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric circuit-breaker of the gas-blast type. 2,673,271, Mar. 23.
- Amer, Myrtle A., Long Beach, Calif. Dishwashing machine. 2,670,000, Feb. 23.
- American Aerovap, Inc.: *See*—
Buehler, Emil.
Winberg, Ferdinand F., and Buehler. 2,690,500.
- American Air Filter Co., Inc.: *See*—
Gonzalez, Don J. 2,675,887.
Nutting, Arthur. 2,688,377.
- American Bagel Machine Co., Inc., assignee: *See*—
Gendler, Louis, and Lazar.
- American Bitumuls & Asphalt Company, assignee: *See*—
McCoy, Paul E.
McCoy, Paul E., and Neill.
- American Bosch Arma Corp.: *See*—
Akins, George. 2,698,134.
Bishop, Ronald L., and Ryder. 2,693,928.
Davis, Arthur P., and Macomber. 2,698,135.
Seaver, Robert G. Re. 23,889.
- American Bosch Corp.: *See*—
Berlyn, Martin J., and Broderick. 2,679,805.
Berlyn, Martin J., and Stansfield. 2,688,054.
Bischoff, Waldemar O. 2,679,804.
Humber, John N. 2,674,236.
Hussey, Russell B. 2,680,217.
Osterman, Joseph T.
Seaver, Robert G. 2,683,445.
- American Box Board Co.: *See*—
Anderson, Wilbur G., Jr. 2,675,156.
Hartman, Joseph A. 2,693,742.
- American Brake Company, The, assignee: *See*—
Mueller, Emil G.
Smith, Charles G., and Best.
- American Brake Shoe Co.: *See*—
Baker, John H. 2,693,397.
Boron, Frank J. 2,681,728.
Browne, Lindsay H.
Dalrymple, William P. 2,682,788.
Dalrymple, William P. 2,691,437.
Daniels, Arthur W., and Murtaugh. 2,674,816.
Daniels, Arthur W., and Murtaugh. 2,689,419.
Flinn, Richard A., and Schaefer. 2,686,743.
Spokes, Ray E. 2,685,551.
Whisler, Thomas C. 2,683,942.
- American Brass Co., The: *See*—
Gregory, Hardy E. 2,676,123.
Nevers, Ralph P., and Palmer. 2,689,216.
Voegeli, Henry E. 2,687,316.
- American Cabinet Hardware Corp.: *See*—
Borchers, Earl M., and Ahlgren. 2,694,592.
- American Cable and Radio Corp.: *See*—
Mitchell, Charles K. 2,683,190.
- American Can Co.: *See*—
Allen, Malcolm C., and Magill. 2,690,288.
Almgren, August E., and Jakob.
Baselt, Frederick C. 2,676,744.
Birkland, Stellan. 2,675,203.
Birkland, Stellan. 2,676,740.
Birkland, Stellan, and Loveland. 2,684,803.
Blom, Otto F. 2,684,766.
Brosky, Stanley J. 2,680,551.
Dobbins, Walter J., 3rd.
Doudera, John J., Jr. 2,692,715.
Frillman, Lambert H. 2,695,727.
Groves, James H., and Lenane. 2,692,245.
Gueffroy, Walter A., and Pechy. 2,679,313.
Hommel, William B. 2,692,966.
Huntar, Felix, and Pechy. 2,684,804.
Jakob, John P., and Almgren. 2,696,932.
Kaiser, Edward W., and Czarnecki. 2,690,255.
Lawson, John M.
Macoy, Eugene W. 2,682,598.
Maher, William W.
McNabb, John W. 2,689,834.
Nordquist, Ronald E. J.
Nordquist, Ronald E. J., and Felber. 2,687,202.
Pechy, William. 2,680,550.
Pechy, William. 2,698,122.
Pelosi, Nicholas. 2,692,699.
Peterson, Howard B. 2,696,581.
Peterson, Howard B., and De Gear.
Pottle, Ralph K. 2,698,143.
Preis, Carl G., and Nordquist. 2,682,344.
Schoenfeld, William H., Jr. 2,690,005.
Sidman, Harry W. 2,692,774.
Smith, William R. 2,687,163.
Socke, John E.
Taylor, Russell C.
Weber, Lloyd H. 2,675,103.
Wigert, George W. 2,682,359.
Wigert, George W. 2,682,360.
Winters, William P.
Winters, William P., and Pechy.
- American Car and Foundry Co.: *See*—
Christensen, Sidney O. 2,682,076.
Clarke, Allen W. 2,680,503.
Dietrichson, William F. 2,682,075.
Ericson, George R.
Gassner, Alfred A., and MacVeigh. 2,685,846.
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- American Chain & Cable Company, Inc., assignee: *See*—
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- American Character Doll Co.: *See*—
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- American Chemical Paint Co.: *See*—
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- American Coin Changer Corp., assignee: *See*—
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- American Coleman Company, The, assignee: *See*—
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- American Colloid Company, assignee: *See*—
Clem, Arthur G.
- American Conditioning House, Inc.: *See*—
Wollner, Herbert J., and Freeman. 2,684,595.
- American Crop-Drying Equipment Company, assignee: *See*—
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- American Cyanamid Co.: *See*—
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Anderson, George W.
Anderson, George W. 2,691,010.
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Baker, Bernard R., and Schaub. 2,694,711.
Barnard, Kenneth H., and Dudkowski. 2,695,895.
Barthel, Justus C., and Hastings. 2,680,694.
Bean, James J. 2,690,262.
Beegle, Lindley C. 2,689,846.
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Bernstein, Seymour, Antonucci, and Heller.
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Booth, Robert B., and Dobson. 2,695,101.
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Christopher, George L. M., and Tarantino. 2,675,321.
Conroy, Edward A.
Cosulich, Donna B. 2,688,018.
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Crossley, Moses L.
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Cunningham, Raymond W., Harned, and Clark. 2,678,296.
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Darken, Marjorie A. 2,685,554.
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De Waard, Russell. 2,691,136.
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Gabel, Joseph W.
Gadea, Ramon A., and Munro. 2,691,020.
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Hein, Delton W.
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- American Fire Apparatus Co. : *See*—
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- American Forging & Socket Company, assignee : *See*—
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- American Gas Furnace Company, assignee : *See*—
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- American Gilsonite Company, assignee : *See*—
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- American Hard Rubber Co. : *See*—
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- American Instrument Co., Inc. : *See*—
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- American Junior Aircraft Company, assignee : *See*—
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- American-La France-Foamite Corporation, assignee : *See*—
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- American Laundry Machinery Co., The : *See*—
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- American Lava Corp. : *See*—
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- American Lecithin Company, Inc., assignee : *See*—
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- American Linen Supply Co. : *See*—
 Birr, Rudolph G. 2,682,328.
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- American Locker Co., Inc.: *See*—
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- American Locomotive Co.: *See*—
Alt, Harold M. 2,690,276.
Alt, Harold M., and Westover. 2,690,275.
Anderson, Karl V. 2,686,398.
Angle, Stephen J. 2,678,113.
Berlyn, Martin J. 2,680,651.
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Nichols, William M. 2,674,086.
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- American Machine Development Corp.: *See*—
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- American Machine & Foundry Co.: *See*—
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- American Machinery Corporation, assignee: *See*—
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- American Mfg. Co., Inc.: *See*—
Carlson, Arthur C. 2,691,995.
Croston, Edward L. 2,685,374.
Pierce, Alfred F.
- American Mat Corporation, assignee: *See*—
Moor, Dudley W., Jr.
- American Metal Company, Limited, The, assignee: *See*—
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- American Metal Products Co.: *See*—
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- American Metaseal Mfg. Corp., assignee: *See*—
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- American Meter Company, assignee: *See*—
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- American Meter Co., Inc.: *See*—
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- American-National Bag & Burlap Co., Inc., assignee: *See*—
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- American Optical Co.: *See*—
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- American Sign & Indicator Corporation, assignee: *See*—
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 Conti, John D. 2,675,746.
 Conti, John D. 2,684,210.
 Conti, John D. 2,685,769.
 Conti, John D. 2,685,770.
 Conti, John D. 2,686,128.
 Conti, John D. 2,688,356.
 Cornwell, Ralph T. K. 2,686,725.
 Cornwell, Ralph T. K. 2,686,744.
 Cox, Charles W.
 Cox, Charles W. 2,682,137.
 Cox, Charles W. 2,682,139.
 Curley, James B. 2,692,419.
 De Brabander, Camiel, and Rudbarg. 2,696,655.
 Dooley, William P.
 Downing, George. 2,675,050.
 Eisen, John B.
 Ewing, John F., Brosious, and Barber. 2,685,971.
 Fry, Horace P., Jr. 2,694,934.
 Gayler, Cecil W.
 Gayler, Cecil W. 2,692,405.
 Grantham, William G. 2,686,726.
 Hanse, William C.
 Heffelfinger, Robert D. 2,692,472.
 Higgins, Thomas J., Jr. 2,687,411.
 Hoxie, Howard M. 2,681,265.
 Jones, Michael G.
 Jones, Michael G. 2,688,111.
 Knopp, Wallace A. 2,678,504.
 Kulp, Maurice P., Vandenburg, and Chance.
 2,689,784.
 Long, Ralph B. 2,690,047.
 Lowe, William B. 2,690,405.
 MacHenry, Richard. 2,688,380.
 McDermott, Henry J. 2,684,755.
 McDermott, Henry J. 2,676,565.
 McDermott, Henry J. 2,690,313.
 McDermott, Henry J. 2,690,663.
 McDermott, Henry J. 2,696,636.
 McDermott, Henry J. 2,696,637.
 McGraw, Vincent G.
 Nelson, Seddon C.
 New, Harry E. 2,679,072.
 Peters, Floyd G.
 Roberts, Ingham S. 2,684,566.
 Roberts, Ingham S. 2,694,912.
 Schappel, Joseph W. 2,679,449.
 Shafer, Hiram D. 2,674,841.
 Schlatter, Carl. 2,690,427.
 Shontz, William H.
 Tasker, Clinton W.
 American Viscose Corp.: *See*—Continued.
 Thompson, Donald C. 2,692,464.
 Truitt, Joseph A.
 Vandenburg, Charles D. 2,685,839.
 Wade, Worth. 2,682,097.
 Wade, Worth. 2,682,895.
 Walmsley, Leslie L.
 Warren, Almon V. and Higgins. 2,691,600.
 Webb, Wesley L. 2,677,148.
 Whytlaw, Graeme G.
 Whytlaw, Graeme G. 2,679,195.
 American Vitrified Products Co.: *See*—
 Queberg, John C. 2,697,264.
 American Water Softener Co.: *See*—
 Kittredge, Arthur E. 2,689,018.
 Waugh, Harvey C. 2,689,218.
 American Wheelabrator & Equipment Corp.: *See*—
 Berger, Franz J.
 Hutchison, Thomas J., Jr.
 Pring, Robert T. 2,696,275.
 American White Cross Laboratories, Inc., The: *See*—
 Petersen, William. 2,680,943.
 Ames, Butler. 2,680,799. Cl. 219—19.
 Ames, Butler. 2,690,788. Cl. 155—22.
 Ames, Esthel W., and R. L. Markle, to Westinghouse Elec-
 tric Corp. 2,691,753. Cl. 318—251.
 Ames, Howard W. 2,695,433. Cl. 22—160.
 Ames, Merle E. and R. C. 2,682,114. Cl. 33—202.
 Ames, Robert G., assignor of one-half to G. W. Williams
 and one-fourth to S. Ames, Burlingame, Calif. Mastic-
 applying and finishing tool. 2,666,323, Jan. 19.
 Ames, Rolland C.: *See*—
 Ames, Merle E. and R. C. 2,682,114.
 Ames, Stanley, assignee: *See*—
 Ames, Robert G.
 Amfiteatrof, Daniele, assignor of 50% to T. W. Talbot.
 2,678,991. Cl. 219—37.
 Amiard, Gaston: *See*—
 Velluz, Leon, and Amiard. 2,693,475.
 Amick, Chevis T., to San Antonio Trunk Co. 2,693,259.
 Cl. 190—26.
 Amico, Frank: *See*—
 Staccione, Valentine, and Amico.
 Amico, Joseph A. 2,680,902. Cl. 29—193.5.
 Amico, Salvatore F., East Boston, assignor to Sylvania
 Electric Products Inc., Salem, Mass. Crystal amplifier.
 2,673,311. Mar. 23.
 Amirikian, Arsham. 2,685,194. Cl. 72—61.
 Amlod Co., The: *See*—
 Patremio, Martin. 2,686,387.
 Ammann, Bernard W., and R. A. Young, to The Emerson
 Electric Mfg. Co. 2,698,033. Cl. 140—92.2.
 Ammco Tools, Inc.: *See*—
 Billeter, Henry R.
 Billeter, Henry R. 2,691,253.
 Ammen, Paul V.: *See*—
 Steele, Roger C., and Ammen. 2,674,295.
 Ammerman, Cecil L., Minneapolis, Minn. Ventilator.
 2,666,378, Jan. 19.
 Ammons, Joseph L. 2,692,027. Cl. 183—66.
 Amon, Henry J.: *See*—
 Fleck, William P., and Amon. 2,692,686.
 Amos, James L., and F. J. Soderquist, to The Dow Chemi-
 cal Co. 2,683,180. Cl. 260—669.
 Amos, James L., J. L. McCurdy, and O. R. McIntire, to
 The Dow Chemical Co. 2,694,692. Cl. 260—45.5.
 Amour, James, Frackville, Pa. No-spin differential.
 2,667,086, Jan. 26.
 Ampatco Laboratories Corp.: *See*—
 Marggraf, Kurt A., and Massmann. 2,690,531.
 Ampex Electronic Corporation, assignee: *See*—
 Bleeksma Jan.
 Ampex Electric Corp.: *See*—
 Lindsay, Harold W. 2,683,568.
 Selsted, Walter T. 2,680,386.
 Ampro Corp.: *See*—
 Barany, Edmund. 2,678,971.
 Barany, Edmund, Bauman, and Sacketer. 2,688,053.
 Barany, Edmund, and Sacketer. 2,687,881.
 Bauman, Harold W., and Eddy. 2,686,846.
 Am Rhein, Leo F. 2,687,322. Cl. 294—96.
 Amsler Morton Corporation, assignee: *See*—
 Herman, Carl L.
 Amster, Warren H., to The Hydrofoil Corp. 2,696,796.
 Cl. 114—66.5.
 Amstutz, Edward D., to The Wm. S. Merrell Co. 2,684,372.
 Cl. 260—328.
 Amthauer, Earl W.: *See*—
 Clapson, William J., and Amthauer. 2,677,621.
 Amundsen, Paul L., and W. A. Osip, assignors, by mesne
 assignments, to Parker Rust Proof Company, Detroit,
 Mich. Coating process with alkali metal phosphate and
 added fluoride salt. 2,665,231, Jan. 5.
 Amundson, Ernest L., and C. G. Matthews, to Plasti-Clad
 Metal Products, Inc. 2,695,421. Cl. 18—13.
 Amundson, Errol C., and C. J. Dörner. 2,683,013. Cl.
 248—145.
 Amundson, Roald H., and P. Smeltzer, to McGraw Electric
 Co. 2,686,908. Cl. 340—227.
 Amy, Aceves & King, Incorporated, assignee: *See*—
 Amy, Ernest V., and King. 2,677,110.
 Amy, Chris C. 2,679,664. Cl. 20—52.4.
 Amy, Christopher C., and H. B. Harding. 2,680,035. Cl.
 292—76.

- Amy, Ernest V., and F. King, assignors to Amy, Aceves & King, Incorporated. 2,677,110, Cl. 333—24.
- Anaconda Copper Mining Co.: *See—*
Emanuel, Walter A., Sweeney, and Mahoney.
Tretheway, William J., Kennard, and Buker.
2,689,989.
- Anaconda Wire and Cable Co.: *See—*
Olson, Emil H. 2,687,385.
Olson, Emil H. 2,687,386.
Olson, Emil H. 2,687,387.
Peck, Clarence B., Jr. 2,689,268.
Roehmann, Ludwig F., and Duncan. 2,696,518.
- Anander, Andrew K., to Powers Chemco, Inc. 2,694,337, Cl. 88—24.
- Anchor Hocking Glass Corp.: *See—*
Acton, Daniel D., and Stuntz. 2,687,575.
Breneman, Fred C. 2,674,939.
Herrold, Gordon W.
Migley, William J.
Stover, Harry E.
Stover, Harry E., and Stuntz.
- Anchor Post Products, Inc., assignee: *See—*
Heyman, Benjamin, and Read.
- Anchors, George R. 2,682,084, Cl. 18—55.1.
- Anco, Inc.: *See—*
Stevenson, Robert. 2,684,684.
- Ancraft Products Co.: *See—*
Ahmer, Carl W. 2,684,536.
- Anderau, Walter, assignor to Ciba Limited. 2,676,956, Cl. 260—155.
- Anderau, Walter, and K. Seitz, to Ciba Ltd. 2,693,467, Cl. 260—246.
- Anderegg, Edward W. 2,679,282, Cl. 155—11.
- Anderegg, Frederick O. 2,687,041, Cl. 73—335.
- Anders, George D. 2,687,309, Cl. 280—6.
- Andersag, Hans: *See—*
Hörlein, Hans U., Andersag, and Timmler. 2,691,023.
Hörlein, Hans U., Andersag, and Timmler. 2,691,024.
Westphal, Kurt, Andersag, and Widmann. 2,694,642.
- Andersag, Hans, Wuppertal-Elberfeld, H. Weese, Wuppertal-Vohwinkel, and F. Bossert, Wuppertal-Elberfeld, Germany, assignors to Schenley Industries, Inc., New York, N. Y. Tris quinolinium compounds. 2,667,488, Jan. 26.
- Andersen, Arthur A., Crystal Lake, and B. C. Mathews, Cary, assignors to American Crop-Drying Equipment Company, Crystal Lake, Ill. Moisture tester. 2,667,064, Jan. 26.
- Andersen, Arthur C., Selma, Calif. Furrow checker. 2,672,083, Mar. 16.
- Andersen, Charles. 2,691,419, Cl. 170—165.
- Andersen Laboratories, Inc.: *See—*
Andersen, Walther M. A. 2,688,121.
- Andersen, Mark E.: *See—*
Holbrook, Darwin L., Andersen, and Fairfield. 2,695,202.
- Andersen, Mark E., to The Fafnir Bearing Co. 2,695,203, Cl. 308—72.
- Andersen, Martin G., Copenhagen, Denmark. Air-atomization device and burner arrangement for liquid fuel. 2,671,504, Mar. 9.
- Andersen, Raymond C., Lombard, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Tube corrugating machine. 2,669,278, Feb. 16.
- Andersen, Tengcl. 2,690,849, Cl. 214—140.
- Andersen, Walther M. A., to Andersen Laboratories, Inc. 2,688,121, Cl. 333—30.
- Andershook, Chester E., to Goodman Mfg. Co. 2,694,430, Cl. 151—21.
- Anderson, Albert E., Winslow, Wash. Folding table leg mounting means. 2,665,961, Jan. 12.
- Anderson, Albert & J. M., Mfg. Co.: *See—*
Pearce, William B., and Luck. 2,690,542.
- Anderson, Albin F.: *See—*
Fox, Arthur L., and Anderson. 2,678,901.
- Anderson, Alfred. 2,696,983, Cl. 271—59.
- Anderson, Arthur B.: *See—*
Lighthall, Albert C., and Anderson. 2,685,529.
- Anderson, Arthur J., to General Motors Corp. 2,688,780, Cl. 22—10.
- Anderson, Arthur R., assignee: *See—*
Schmidt, Ernst O.
- Anderson, Arvid A., assignor to Safway Steel Products, Inc. 2,677,299, Cl. 85—33.
- Anderson, Arvid A., and R. M. Hauck, assignors to Safway Steel Products, Inc. 2,676,677, Cl. 189—26.
- Anderson, Arvid E., to Bethlehem Steel Co. 2,690,259, Cl. 209—166.
- Anderson, Axel, to Sundstrand Magnetic Products Co. 2,688,403, Cl. 210—1.5.
- Anderson Box Company, assignee: *See—*
Ferguson, Kenneth C., and Schaefer. 2,678,765.
- Anderson, Bror E.: *See—*
Hoover, Keith S., and Anderson. 2,693,426.
- Anderson, Bror G. A., and N. Wallenborn, to Allmanna Svenska Elektriska Aktiebolaget. 2,685,017, Cl. 219—4.
- Anderson, Carl A., Laverne, Okla., assignor of one-third to B. L. Parker, Pampa, Tex. Aligning device for well grapples. 2,671,686, Mar. 9.
- Anderson, Carl A., and V. S. Danielson, to W. H. Miner, Inc. 2,697,616, Cl. 280—481.
- Anderson, Carl B., Allentown, Pa., assignor to Air Products, Incorporated, Chattanooga, Tenn. Pumping liquid oxygen. Re. 23,799, Mar. 16.
- Anderson, Carl W., and L. R. Boarts, assignors to North American Aviation, Inc. 2,678,015, Cl. 113—44.
- Anderson, Charles H. J., and J. H. F. van Werd, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Lamp cap for tubular electric lamps. 2,668,277, Feb. 2.
- Anderson, Charles H. J., and J. H. F. van Werd, to Hartford National Bank and Trust Co., as trustee. 2,692,310, Cl. 200—51.09.
- Anderson, Charles M. 2,696,913, Cl. 209—169.
- Anderson, Charles N., to Boeing Airplane Co. 2,684,424, Cl. 219—4.
- Anderson, Charles S., Minneapolis, Minn. Turret tool-holder for lathes. 2,672,676, Mar. 23.
- Anderson, Chester S. 2,677,192, Cl. 33—207.
- Anderson, Clarence A., and W. H. Barrie, to Northern Electric Co., Ltd. 2,683,254, Cl. 333—30.
- Anderson, Clarence E., to The Babcock & Wilcox Co. 2,694,278, Cl. 51—245.
- Anderson, Clayton & Co.: *See—*
Sinclair, Alfred C. 2,690,115.
- Anderson, David E., assignor to Thompson Products, Inc., Cleveland, Ohio. Supplemental fuel feed device. 2,664,871, Jan. 5.
- Anderson Die Casting & Engineering Corp.: *See—*
Bennett, James C. 2,685,922.
- Anderson, Donald E., and W. F. Wegst, to Wyandotte Chemicals Corp. 2,689,225, Cl. 252—99.
- Anderson, Earl I., to Radio Corp. of America. 2,686,276, Cl. 315—27.
- Anderson, Earl I., to Radio Corp. of America. 2,689,299, Cl. 250—27.
- Anderson, Edward G., and O. M. Toennies, to The E. Kahn's Sons Co. 2,694,217, Cl. 17—1.
- Anderson, Edwin B., to Eastern Tool & Mfg. Co. 2,693,638, Cl. 29—552.
- Anderson, Einar H., La Grange Park, Ill. Jaw crusher. 2,670,141, Feb. 23.
- Anderson, Eric W., assignor to Dohm and Nelke Incorporated. 2,677,881, Cl. 30—5.5.
- Anderson, Eric W., to Dohm and Nelke Inc. 2,683,283, Cl. 17—32.
- Anderson, Eric W., to Dohm and Nelke, Inc. 2,683,284, Cl. 17—32.
- Anderson, Florence B., Winnetka, Ill., assignor to Motor Products Corporation, Detroit, Mich. Refrigerating system, including defroster drainage receptacle and support therefor. 2,667,042, Jan. 26.
- Anderson, Floyd E. 2,696,488, Cl. 260—256.4.
- Anderson, Francis W.: *See—*
Pankonin, Willard F. 2,695,181.
Stolk, William G.
- Anderson, Frank A. 2,677,573, Cl. 296—44.
- Anderson, Frank W., North Weymouth, assignor to Murphy Automatic Pinsetter Company, Inc., Somerville, Mass. Bowling pin handling machine. 2,668,713, Feb. 9.
- Anderson, Frithiof B., to Bell Telephone Laboratories, Inc. 2,683,777, Cl. 179—171.
- Anderson, George. 2,683,619, Cl. 296—44.
- Anderson, George W., Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Diesterphosphite-amides of amino acid derivatives. 2,673,871, Mar. 30.
- Anderson, George W., to American Cyanamid Co. 2,691,010, Cl. 260—112.
- Anderson, Gordon C., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Textile bailing machine. 2,664,594, Jan. 5.
- Anderson, Harold G.: *See—*
Parsons, George B., Anderson, and MacVeigh. 2,697,990.
- Anderson, Harold J., to Northeast Tool & Die Works, Inc. 2,685,005, Cl. 200—61.89.
- Anderson, Harry A.: *See—*
Armstrong, Daniel A., Carlson, and Anderson. 2,696,188.
- Anderson, Harry C., and C. J. Delaney, to Socony-Vacuum Oil Co., Inc. 2,681,303, Cl. 196—19.
- Anderson, Harry G., and R. W. Rivett, to Abbott Laboratories. 2,686,750, Cl. 167—81.
- Anderson, Henry. 2,695,731, Cl. 222—3.
- Anderson, Henry W. 2,693,648, Cl. 35—42.
- Anderson, Hilda E., Ironwood, Mich. Greeting card. 2,667,711, Feb. 2.
- Anderson, Hilda E. 2,688,171, Cl. 24—85.
- Anderson, Hugo F., to Hastings Mfg. Co. 2,693,398, Cl. 309—45.
- Anderson, J. R., & Co., Aktiebolag: *See—*
Thorstensson-Rydberg, Carl A. S. 2,688,468.
- Anderson, James A. 2,681,438, Cl. 336—117.
- Anderson, James A., Jr.: *See—*
Hastings, Sam H., Anderson, and Watson. 2,693,495.
Wadley, Edward F., and Anderson. 2,688,629.
Wadley, Edward F., and Anderson. 2,688,630.
- Anderson, James H., assignor to Ingersoll-Rand Company. 2,675,172, Cl. 230—27.
- Anderson, James N., Caldwell, and W. S. Viall, Jr., Millburn, N. J., assignors to Curtiss-Wright Corporation. Limit switch. 2,670,415, Feb. 23.
- Anderson, James R., London, England. Propeller-jet propulsion system for aircraft. 2,665,082, Jan. 5.

- Anderson, James T., and H. F. Ward, assignors to General Electric Company. 2,676,894, Cl. 117—33.5.
- Anderson, James T., and R. S. Wells, to General Electric Co. 2,697,076, Cl. 252—301.4.
- Anderson, John F. 2,676,213, Cl. 179—156.
- Anderson, John P.: *See—*
- Sprague, Robert B., and Anderson. 2,680,350.
- Anderson, John R., to Bell Telephone Laboratories, Inc. 2,695,396, Cl. 340—173.
- Anderson, John R., to Bell Telephone Laboratories, Inc. 2,695,397, Cl. 340—173.
- Anderson, John R., to Bell Telephone Laboratories, Inc. 2,695,398, Cl. 340—173.
- Anderson, John W., and J. W. Hamilton, assignors to Airtron, Inc. 2,677,811, Cl. 339—91.
- Anderson, Karl V., to American Locomotive Co. 2,686,398, Cl. 60—13.
- Anderson, Lawrence W.: *See—*
- Wilson, Howard L., and Anderson. 2,689,835.
- Anderson, Leonard F., and W. S. Spott, Verona, N. J. Apparatus for cutting stumps. 2,671,478, Mar. 9.
- Anderson, Leslie J., assignor to Radio Corporation of America. 2,680,779, Cl. 179—1.
- Anderson, Lloyd L., assignor to Jervis Corporation. 2,679,421, Cl. 292—332.
- Anderson, Lloyd L., assignor to Jervis Corporation. 2,679,422, Cl. 292—332.
- Anderson, Lloyd L., and R. E. Johnson, assignors to Jervis Corporation. 2,679,423, Cl. 292—332.
- Anderson, Marie H., Brooklyn, N. Y. Combined holder and dispenser means for containers for semifluids and fluids. 2,665,824, Jan. 12.
- Anderson, Martin J., to Mathews Conveyer Co. 2,695,095, Cl. 198—189.
- Anderson, Nelson E., Berkeley Heights, N. J., assignor to Air Reduction Company, Incorporated. Electric welding. 2,673,278, Mar. 23.
- Anderson, Nelson E., to Air Reduction Co., Inc. 2,681,401, Cl. 219—8.
- Anderson, Nelson E., to Air Reduction Co., Inc. 2,695,148, Cl. 248—16.
- Anderson, Neville R. 2,689,586, Cl. 137—788.
- Anderson, Nigel I. 2,694,530, Cl. 241—40.
- Anderson, Norman C., to Electronics Corp. of America. 2,692,574, Cl. 118—49.
- Anderson, Norman C., P. N. Bredesen, and P. J. Cade, assignors to Combustion Control Corporation. 2,674,677, Cl. 201—63.
- Anderson, Norman J., to Branson Corp. 2,690,487, Cl. 200—104.
- Anderson, Norman K., to Warner Electric Brake & Clutch Co. 2,695,687, Cl. 188—164.
- Anderson, Norman T.: *See—*
- Ingram, Orville, and Anderson.
- Anderson, Orrin E., Philadelphia, Pa. Receptacle for snelled fishhooks. 2,667,010, Jan. 26.
- Anderson, Orrin E., Philadelphia, Pa. Means for mounting snelled fishhooks in carrier receptacles. 2,670,563, Mar. 2.
- Anderson, Oscar F.: *See—*
- Grunsky, Charles, and Anderson. 2,687,324.
- Anderson, Oscar M., to Landers, Frary & Clark. 2,688,379, Cl. 183—37.
- Anderson, Philip P., Jr., to Servel, Inc. 2,685,782, Cl. 62—119.
- Anderson Products, Inc.: *See—*
- Ferguson, Warren T. 2,687,146.
- Anderson, Ralph A., Perth Amboy, N. J. Graph printing machine. 2,671,548, Mar. 9.
- Anderson, Ralph A. 2,692,748, Cl. 248—125.
- Anderson, Ralph F.: *See—*
- Anderson, Swan F. 2,686,363.
- Anderson, Ralph F., Rockford, Ill. Multiflavor ice cream nozzle. 2,673,675, Mar. 30.
- Anderson, Ralph L., East Moline, assignor to Deere & Company, Moline, Ill. Gathering head for combines. 2,669,082, Feb. 16.
- Anderson, Ralph L., East Moline, assignor to Deere & Company, Moline, Ill. Grain tank unloader. 2,670,631, Mar. 2.
- Anderson, Raymond J., assignor to The Dow Chemical Company, Midland, Mich. Treatment of water with calcium chloride fluoride. 2,671,755, Mar. 9.
- Anderson, Raymond J., to The Dow Chemical Co. 2,690,430, Cl. 252—175.
- Anderson, Reed M.: *See—*
- Schneider, Harold N., and Anderson. 2,680,793.
- Anderson, Reinhold J. 2,690,566, Cl. 2—144.
- Anderson, Rex R., Bay City, Mich. Apparatus for compartment heating. 2,668,666, Feb. 9.
- Anderson, Richard S., and J. R. Shull. 2,687,612, Cl. 60—39.28.
- Anderson, Robert E. 2,675,229, Cl. 268—72.
- Anderson, Robert F. 2,693,010, Cl. 20—62.
- Anderson, Robert I.: *See—*
- Winkler, Wynn G., and Anderson. 2,688,217.
- Anderson, Robert I., to The Brunswick-Balke-Collender Co. 2,693,359, Cl. 273—47.
- Anderson, Robert M., assignee: *See—*
- Leiser, Royle E., and Soderberg.
- Anderson, Robert R., Co.: *See—*
- Hummel, John C. 2,693,628.
- Anderson, Robert V. 2,691,279, Cl. 62—117.85.
- Anderson, Roger. 2,690,198, Cl. 146—145.
- Anderson, Rolf L., Montclair, N. J., and O. F. Blom, New York, N. Y. Flexible dust pan. 2,666,309, Jan. 19.
- Anderson, Ronald N. 2,685,156, Cl. 51—218.
- Anderson, Roy E., assignor to General Electric Company. 2,674,915, Cl. 88—14.
- Anderson, Stanley J.: *See—*
- Laurens, Mathew T., and Anderson. 2,680,933.
- Anderson, Swan F., $\frac{1}{2}$ to S. F. Anderson and $\frac{1}{2}$ to R. F. Anderson. 2,686,363, Cl. 30—169.
- Anderson, Thomas, Roselle, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Research and Development Company, New York, N. Y. Lubricant pumping device. 2,670,719, Mar. 2.
- Anderson, Thomas F., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. 2,679,493, Cl. 260—40.
- Anderson, Thomas F., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. 2,680,722, Cl. 260—17.3.
- Anderson, Tore N.: *See—*
- Carr, Robert S., and Anderson. 2,698,353.
- Anderson, Tore N., assignor to Airtron, Inc. 2,676,307, Cl. 333—22.
- Anderson, Velma, assignee: *See—*
- Fletcher, Russell H.
- Anderson, Victor, Jerome, Idaho. Calendar clock. 2,670,590, Mar. 2.
- Anderson, W. E., Inc., assignee: *See—*
- Webster, Raymond C.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Corporation, New York, N. Y. Item retaining mechanism for accounting machines. 2,668,010, Feb. 2.
- Anderson, Walter A., Trumbull, Conn., assignor to Underwood Corporation, New York, N. Y. Total control mechanism for accounting machines. 2,668,011, Feb. 2.
- Anderson, Walter A., to Underwood Corp. 2,684,747, Cl. 197—140.
- Anderson, Walter A., to Underwood Corp. 2,684,808, Cl. 235—60.47.
- Anderson, Walter A., to Underwood Corp. 2,692,486, Cl. 64—29.
- Anderson, Walter A., to Underwood Corp. 2,692,556, Cl. 101—336.
- Anderson, Walter J.: *See—*
- Pelletier, Lawrence, Anderson, and Fener.
- Anderson, Walter L., Wichita, Kans. Collapsible ironing table. 2,669,794, Feb. 23.
- Anderson, Walter M. 2,687,561, Cl. 29—78.
- Anderson, Wilbur G., Jr., assignor to American Box Board Company, Grand Rapids, Mich. Collapsible floor display stand. 2,666,531, Jan. 19.
- Anderson, Wilbur G., Jr., assignor to American Box Board Company. 2,675,156, Cl. 229—23.
- Anderson, William, assignee: *See—*
- Walton, Grant F.
- Anderson, William R.: *See—*
- Murphy, John H., and Anderson.
- Anderson, William S., assignor of one-half to J. E. Axeman, Williamsport, Pa. Coal feed tube. 2,665,796, Jan. 12.
- Anderson, William S., $\frac{1}{2}$ to J. E. Axeman. 2,682,237, Cl. 110—162.
- Anderson, William T., Jr., and R. W. Samer, to Hanovia Chemical & Mfg. Co. 2,687,489, Cl. 313—211.
- Anderson, Wilmer C., assignor to Deering Milliken Research Trust, Greenwich, Conn. Control device. 2,670,503, Mar. 2.
- Anderson, Wilmer C., to Deering Milliken Research Trust. 2,682,191, Cl. 88—14.
- Anderson, Wilmer C., to the United States of America as represented by the Secretary of the Navy. 2,697,186, Cl. 317—123.
- Anderson, Wilson L.: *See—*
- Hadden, Edward L., Gaston, and Anderson.
- Andersson, Karl N., to Aktiebolaget Bofors. 2,697,190, Cl. 318—28.
- Andersson, Nils: *See—*
- Torudd, Erik, and Andersson. 2,677,318.
- Andersson, Sten G., to Bolinders Fabriks Aktiebolag. 2,692,631, Cl. 146—182.
- Anderton, Sidney B., and E. E. C. Cawood, assignors to Nu-Swift, Limited, Elland, England. Charge for fire extinguishers. 2,670,803, Mar. 2.
- Andhop Patents Limited, assignee: *See—*
- Hopkins, Thomas H. M., and Bauernfeind.
- Andis Clipper Co., assignee: *See—*
- Andis, Mathew and M. G.
- Andis, Mathew and M. G., assignors to Andis Clipper Co., Racine, Wis. Blade mounting and driver for hair clippers and the like. 2,668,351, Feb. 9.
- Andis, Matthew G.: *See—*
- Andis, Mathew and M. G.
- Andler, Otto A. 2,688,902, Cl. 90—12.
- Andonov, Christ. 2,690,738, Cl. 120—42.13.
- Andrade, Joan B.: *See—*
- Andrade, Vernon J., and J. B. 2,698,016.
- Andrade, Vernon J., and J. B. Andrade, to Nap-Cov Co. 2,698,016, Cl. 128—286.
- Andrae, Ernst C., and S. F. E. Meyer, to Remimax Aktiebolag. 2,696,537, Cl. 200—112.
- Andrae, Ernst Carl, assignee: *See—*
- Meyer, Sven F. E.

- André, Henri G., Montmorency, France, assignor to Yardney International Corp., New York, N. Y. Electrical accumulator. 2,669,594, Feb. 16.
- Andreas, Herbert, assignee: *See*—
Radomski, Hans.
- Andreasen, Alfred H. M.: *See*—
Frokjaer-Jensen, Axel, and Andreasen.
- Andreasson, Rudolf W., Detroit, Mich. Toolholder. 2,667,357, Jan. 26.
- Andreini, Joseph C.: *See*—
Weigold, Harold, and Andreini.
- Andreini, Joseph C., assignor to United States Rubber Company. 2,677,854, Cl. 18—45.
- Andren, Karl H., assignor to Artos Engineering Company. 2,680,394, Cl. 81—9.51.
- Andres, Lloyd J., 2,679,917, Cl. 194—10.
- Andres, Lloyd J., to Permo, Inc. 2,681,228, Cl. 274—23.
- Andres, William A.: *See*—
Zastrow, Thomas S., and Andres. 2,674,819.
- Andres, William A., C. W. Clemons, and C. E. Trettel, to General Mills, Inc. 2,682,601, Cl. 219—43.
- Andresen, John H., Jr.: *See*—
Argentieri, Michael A., and Andresen. 2,689,951.
- Andresen, Lornez J.: *See*—
Crites, Joe, Bogot, and Andresen. 2,698,142.
- Andresen, Raymond H. 2,696,940, Cl. 226—88.
- Andrew Corp.: *See*—
Scheldorf, Marvel W. 2,687,475.
- Andrew, James B. W., Jr., to Container Corp. of America. 2,689,078, Cl. 229—23.
- Andrew, James D., Jr., and W. H. Rowand, to The Babcock & Wilcox Co. 2,681,641, Cl. 122—477.
- Andrew, Neil, and M. F. Sproul, to Packless Metal Hose, Inc. 2,695,183, Cl. 285—87.
- Andrew, William P., assignor to General Electric Company. 2,678,371, Cl. 219—10.79.
- Andrews, Alvadore M. 2,683,208, Cl. 219—19.
- Andrews, Boley A., and G. M. Pro, to The Vendo Co. 2,695,001, Cl. 116—137.
- Andrews, Charles F. 2,674,970, Cl. 114—208.
- Andrews, Clifton C., Wolcott, N. Y. Portable safety door latch. 2,673,112, Mar. 23.
- Andrews, Edward G. D.: *See*—
Allen, Sidney, and Andrews.
- Andrews, Ernest G., assignor to Bell Telephone Laboratories, Incorporated. 2,679,977, Cl. 235—61.
- Andrews, Fred W., assignor to International Latex Corporation, Dover, Del. Bathing cap. 2,664,569, Jan. 5.
- Andrews, Fred W., to International Latex Corp. 2,695,025, Cl. 128—287.
- Andrews, Harry E., H. E. Comer, and D. D. Brown. 2,684,751, Cl. 198—144.
- Andrews, Herbert W., Westfield, N. J., C. L. Carpenter, Brooklyn, N. Y., and H. G. Houlton, Ridgewood, N. J., assignors to Colgate-Palmolive Company. Removing organic solvent from aqueous detergent solutions. 2,673,208, Mar. 23.
- Andrews, John H. 2,688,095, Cl. 250—65.
- Andrews, John M., to York Corp. 2,688,849, Cl. 62—4.
- Andrews, John M., to Flakice Corp. 2,691,275, Cl. 62—7.
- Andrews, John R., Jr., assignor to Bachmann Uxbridge Worsted Corporation. 2,679,086, Cl. 28—28.
- Andrews, John R., Jr., to Bachmann Uxbridge Worsted Corp. 2,689,515, Cl. 98—40.
- Andrews, John R., Jr., and R. Jacques, to Bachmann Uxbridge Worsted Corp. 2,689,382, Cl. 19—131.
- Andrews, John S. 2,694,971, Cl. 98—38.
- Andrews, John W., assignor to United States Steel Corporation. 2,675,345, Cl. 202—57.
- Andrews, Joseph A., to Poor & Co. 2,686,601, Cl. 213—34.
- Andrews, Joseph A., to Poor & Co. 2,691,555, Cl. 308—87.
- Andrews, Kenneth J. M.: *See*—
Morrison, Alexander L., Atherton, and Andrews. 2,686,783.
- Andrews, Kenneth L., to Globe American Corp. 2,687,115, Cl. 119—77.
- Andrews, L. V., and O. Craig, assignors to Riley Stoker Corporation. 2,679,833, Cl. 122—479.
- Andrews, Leonard W., London, assignor to Murex Limited, Rainham, England. Adjustable die. 2,664,996, Jan. 5.
- Andrews, Mary M., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Making partitioned containers. 2,666,953, Jan. 26.
- Andrews, Norman F., Ankeny, assignor to Deere Manufacturing Co., Dubuque, Iowa. Corn harvester. 2,665,538, Jan. 12.
- Andrews, Norman F., to Deere Mfg. Co. 2,687,132, Cl. 130—5.
- Andrews, Norman F., W. E. Slavens, and E. W. Adolphson, assignors to Deere Manufacturing Co. 2,680,015, Cl. 267—1.
- Andrews, O. B., Co.: *See*—
Pennebaker, Lewis C., and Johnson. 2,692,721.
Turner, William E. 2,690,290.
Turner, William E., and Foster. 2,675,157.
- Andrews, Ray, to B. F. Drakenfeld & Co., Inc. 2,682,480, Cl. 117—38.
- Andrews, Robert L.: *See*—
Hall, John M., Andrews, Madsen, and McConnell. 2,685,794.
- Andrews, Walter A., Littleover, Derby, assignor to Rolls-Royce Limited, Derby, England. Control means for aircraft and aircraft power plant installations. 2,671,620, Mar. 9.
- Andriot, Lawrence J., Jr., assignor to Puritan Cordage Mills. 2,678,724, Cl. 206—56.
- Andrix, Frank H., to Bell Aircraft Corp. 2,695,113, Cl. 244—17.11.
- Andrus, Jules, to Bell Telephone Laboratories, Inc. 2,691,858, Cl. 51—263.
- Andrus, Orrin E., assignor to A. O. Smith Corporation. 2,679,747, Cl. 73—10.
- Andrus, Orrin E., to A. O. Smith Corp. 2,698,291, Cl. 204—196.
- Andrus, Rodney J., to the United States of America as represented by the Secretary of the Air Force. 2,686,400, Cl. 60—35.6.
- Andy Bros. Tire Shop, assignee: *See*—
Andy, Louis J. 2,675,047.
- Andy, Louis J., assignor to Andy Bros. Tire Shop. 2,675,047, Cl. 152—211.
- Anello, Tony A., and E. La Course. 2,696,177, Cl. 107—1.
- Anemostat Corp. of America: *See*—
Honerkamp, Friedrich. 2,684,023.
Kurth, Franz J.
Kurth, Franz J. 2,684,025.
Kurth, Franz J., and Phillips. 2,684,024.
Phillips, Leonard R. 2,687,076.
- Anetsberger Brothers, Inc.: *See*—
Anetsberger, Frank A., and J. F. 2,674,209.
Whitehead, Dean. 2,690,142.
- Anetsberger, Frank A. and J. F., assignors to Anetsberger Brothers, Inc. 2,674,209, Cl. 107—9.
- Anetsberger, Joseph F.: *See*—
Anetsberger, Frank A. and J. F. 2,674,209.
- Anft, Otto, Berlin-Lichterfelde-Ost, Germany. Multiple compartmented bottle. 2,665,816, Jan. 12.
- Angelica Uniform Co.: *See*—
Weiser, Stanley A. 2,686,914.
- Angelillo, Aneal C. 2,681,263, Cl. 312—290.
- Angell, Robert C., assignor to The S. S. White Dental Manufacturing Company. 2,674,435, Cl. 251—7.
- Angelmyer, Alfred A., Dayton, Ohio. Power unit. 2,669,426, Feb. 16.
- Angelo, Joseph J., and C. R. Setlow. 2,674,142, Cl. 81—15.
- Angelus Engineering Corporation, assignee: *See*—
Connell, Ralph.
- Angelus Sanitary Can Machine Co., assignee: *See*—
Peterson, William B., Jr., and Koeberle. 2,680,419.
- Angelus, William N. 2,689,517, Cl. 99—345.
- Angénieux, Pierre. 2,696,758, Cl. 88—57.
- Anger, Ernest G., to Square D Co. 2,686,872, Cl. 250—27.
- Anger, Ernest G., Wauwatosa, and R. C. Mierendorf, Milwaukee, Wis., assignors to Square D Company, Detroit, Mich. Electromagnetic relay. 2,671,836, Mar. 9.
- Anger, Robert R. 2,697,638, Cl. 299—131.
- Angerson, Wilfred G.: *See*—
Ball, John A., and Angerson. 2,679,055.
- Angert, Richard W.: *See*—
Stoner, Harold E., and Angert.
- Angier Chemical Co., Inc.: *See*—
Wilder, Arthur S., Caplovich, and Bartholomew. 2,688,585.
- Angier Corporation, assignee: *See*—
Dearborn, Ernest R.
- Angiolini, Aristide, and R. Barbuti. 2,690,596, Cl. 19—24.
- Anglada, Joseph A., White Plains, N. Y., assignor to American Viscose Corporation, Wilmington, Del. Reinforced package wrapper. 2,665,834, Jan. 12.
- Angle, Stephen J., assignor to American Locomotive Company. 2,678,113, Cl. 188—56.
- Anglin, Richard, Bridgeport, Conn. Loose-leaf binder. 2,668,541, Feb. 9.
- Anglo-Iranian Oil Co. Ltd.: *See*—
MacLean, Thomas T.
Porter, Frederick W. B. 2,697,682.
Porter, Frederick W. B., and Haresnape. 2,686,150.
Porter, Frederick W. B., and Northcott. 2,687,985.
Porter, Frederick W. B., Northcott, and Rowland.
Wirth, Max M., and Oldham.
Withers, John G., Hulf, and Rubach.
- Angst, Paul, and W. Rabald. 2,696,665, Cl. 30—43.
- Angst, Walter, assignor, by mesne assignments, to Kollsman Instrument Corporation. 2,675,732, Cl. 85—1.5.
- Angst, Walter, to Kollsman Instrument Corp. 2,689,480, Cl. 73—387.
- Angus, George, and Co. Ltd.: *See*—
Balkin, Mark, and Turner. 2,685,109.
- Angus, Thomas R., assignor, by mesne assignments, to The Eagle-Picher Company. 2,679,667, Cl. 20—69.
- Anheuser-Busch, Inc.: *See*—
Siefker, Joseph A., and Brasch. 2,691,590.
- Animal Trap Co. of America: *See*—
Koch, Harold B. 2,680,930.
- Anjanos, Philip G., Beloit, Wis. Wind speed and direction indicator. 2,665,583, Jan. 12.
- Anjeskey, Alphonse F., to The Cleveland Crane & Engineering Co. 2,696,920, Cl. 214—16.
- Anken Film Co., Inc.: *See*—
Strandberg, Ray U. 2,685,831.
- Anker, Frank J., and W. L. Schott. 2,689,525, Cl. 101—292.

- Anker-Werke A. G.: *See*—
 Aurbach, Kurt. 2,678,601.
 Aurbach, Kurt. 2,690,710.
 Aurbach, Kurt. 2,690,872.
 Sobisch, Johannes. 2,681,616.
 Theenhausen, Heinrich.
- Annen, Robert, assignor to Roulements à Billes Miniatures S. A. 2,679,440, Cl. 308—183.
- Annen, Robert, to Roulements à Billes Miniatures S. A. 2,684,272, Cl. 308—9.
- Annen, Robert, to Roulements à Billes Miniatures S. A. 2,686,397, Cl. 58—82.
- Annen, Robert, to Roulements à Billes Miniatures S. A. 2,688,521, Cl. 308—187.2.
- Annen, Robert. 2,688,805, Cl. 33—204.
- Annen, Robert, to Roulements à Billes Miniatures, S. A. 2,689,771, Cl. 308—187.2.
- Annicq, Joseph. 2,679,153, Cl. 68—198.
- Annicq, Joseph. 2,694,913, Cl. 68—198.
- Annis, Richard R., Colebrook, N. H., S. Cohen, and H. Haselkorn, Asbury Park, N. J., assignors to the United States of America as represented by the Secretary of the Army. Contact potential variable potential charger. 2,669,665, Feb. 16.
- Annis, Robert J. 2,677,344, Cl. 115—3.
- Anschuetz, Harvey J., to Kaiser Motors Corp. 2,694,591, Cl. 292—216.
- Anschutz, Charles. 2,697,410, Cl. 114—231.
- Anschutz, Charles. 2,697,442, Cl. 137—235.
- Ansel, Gerhard, to The Dow Chemical Co. 2,688,400, Cl. 207—2.
- Ansel, Tracy S., assignee: *See*—
 Cox, Thomas O., Rankin, and Trott.
- Anskjaer, Emil R., Copenhagen, S. P. L. Nielsen, Frederiksberg, and S. E. B. Svendsen, Copenhagen, Denmark. Friction type wedge-lock means for slidable side jaw wrenches. 2,667,096, Jan. 26.
- Ansley, Lloyd E. 2,693,048, Cl. 43—42.41.
- Anslow, Winston K., Barnard Castle, assignor to Glaxo Laboratories Limited, Greenford, England. Preparation of penicillin salts. 2,671,782, Mar. 9.
- Anspen, Harry D., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Dehydrohalogenation of dihalopropionic acid compounds. 2,673,875, Mar. 30.
- Anspen, Harry D., to General Aniline & Film Corp. 2,683,179, Cl. 260—654.
- Anspen, Harry D., to General Aniline & Film Corp. 2,683,704, Cl. 260—89.5.
- Anspen, Harry D., to General Aniline & Film Corp. 2,694,726, Cl. 260—486.
- Anspen, Harry D., and F. E. Pschorr, to General Aniline & Film Corp. 2,683,705, Cl. 260—89.5.
- Anspen, Harry D., and F. E. Pschorr, to General Aniline & Film Corp. 2,684,341, Cl. 260—2.5.
- Anspen, Harry D., and F. E. Pschorr, to General Aniline & Film Corp. 2,686,174, Cl. 260—89.5.
- Anspen, Harry D., and F. E. Pschorr, to General Aniline & Film Corp. 2,687,555, Cl. 18—39.
- Anstalt für die Entwicklung von Erfindungen und Gewerblichen Anwendungen "Energia," assignee: *See*—
 Brandt, Edgar W.
 Brandt, Edgar W. 2,674,923.
 Brandt, Edgar W. 2,693,757.
- Anstalt Unda, assignee: *See*—
 Becker, Walter. 2,676,356.
- Anstine, Roland W. 2,690,345, Cl. 285—27.
- Anstiss, Emerson A. and H. L. 2,691,359, Cl. 119—20.
- Anstiss, Hazel L.: *See*—
 Anstiss, Emerson A. and H. L. 2,691,359.
- Ansul Chemical Co.: *See*—
 Guise, Arthur B. 2,681,115.
 Guise, Arthur B. 2,690,229.
 Roney, Charles.
 Zellner, Robert J. 2,686,407.
- Ansul-Craft, Inc., assignee: *See*—
 Perry, Edward D., and Garzone.
- Antalt für die Entwicklung von Erfindungen und Gewerblichen Anwendungen Energia: *See*—
 Brandt, Edgar W. 2,685,232.
- Antenbring, Stanley V.: *See*—
 Dauphinee, Enna E., and Antenbring. 2,685,293.
- Anterni, Louis: *See*—
 Asti, Mansueto, and Anterni. 2,679,087.
- Anthes, Clifford C., Union, N. J., assignor to Union Carbide and Carbon Corporation. Blowpipe with rotatable locking collar for quickly detachable head. 2,672,924, Mar. 23.
- Anthes Force Oiler Co.: *See*—
 Taylor, Charles R. 2,694,358.
- Anthony, Benjamin F., to The Ferro Engineering Co. 2,697,860, Cl. 22—192.
- Anthony, John W.: *See*—
 Flaws, John, Jr., and Anthony. 2,683,473.
 Flaws, John, Jr., and Anthony. 2,696,849.
- Anthony Co.: *See*—
 Anthony, William C. 2,684,864.
 Anthony, William C. 2,685,475.
 Park, Glenn S. 2,684,770.
 Park, Glenn S. 2,689,764.
- Anthony, Russel W.: *See*—
 Psenka, Joseph A., and Anthony. 2,684,612.
- Anthony, William C., to Anthony Co. 2,684,864, Cl. 298—22.
- Anthony, William C., to Anthony Co. 2,685,475, Cl. 298—22.
- Anthony, William C., and G. S. Park; said Park to said Anthony. 2,684,631, Cl. 103—41.
- Anthractite Equipment Corp.: *See*—
 Johnson, Raymond C. 2,689,560.
- Antl, Lloyd V.: *See*—
 Resek, Marc, Schultz, and Antl. 2,693,849.
 Resek, Marc, Schultz, and Antl. 2,693,913.
- Antles, Leo C., Wenatche, Wash. Treating and applying live pollen. 2,669,066, Feb. 16.
- Antoine, Tassilo, V. Grünberger, G. Kodak, K. Wasner and A. Kenzian, to Optische Werke C. Reichert. 2,697,431, Cl. 128—6.
- Anton, Nicholas. 2,680,187, Cl. 219—26.
- Antonelli, Lorenzo. 2,674,342, Cl. 183—57.
- Antonson, John O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire for use on ice. 2,670,024, Feb. 23.
- Antonucci, Rose M.: *See*—
 Bernstein, Seymour, Antonucci, and Heller.
- Antosh, John G., Rhinelander, Wis. Rotary cutter. 2,666,485, Jan. 19.
- Antosiewicz, Bernard S.: *See*—
 Polster, Alfred, Glow, Shorey, and Antosiewicz. 2,695,482.
- Antoski, Arnold J., St. Paul, Minn., assignor of fifty percent to B. S. Phillips, Myron, Ark. Book matches and cover therefor. 2,665,000, Jan. 5.
- Anttonen, Walter J. 2,693,206, Cl. 143—32.
- Anxionnaz, René, and R. J. Imbert, of 1/2 to said Anxionnaz and 1/2 to Societe Rateau (Societe Anonyme). 2,683,964, Cl. 60—39.17.
- Anxionnaz, René, and M. H. L. Sédille, 1/2 to said Anxionnaz, and 1/2 to Societe Rateau (Societe Anonyme). 2,693,674, Cl. 60—35.6.
- Apex Accessories Co., Inc.: *See*—
 Pinson, Alfred. 2,677,230.
 Pinson, Alfred. 2,690,049.
 Pinson, Alfred. 2,695,493.
- Apex Electrical Mfg. Co.: *See*—
 Cockerill, Gerald I., and Sindelar.
 Cockerill, Gerald I., and Dunes. 2,679,151.
 Frantz, Paul E. 2,686,526.
 Frantz, Paul E. 2,692,026.
 Kirby, James B.
 Kirby, James B. 2,683,364.
 Kortepeter, Ralph E., and Archbold.
 Lotz, Ralph W. 2,683,900.
 Wied, Julius P. 2,679,068.
- Apex Machine & Tool Company, The, assignee: *See*—
 Fischer, Harry G., and Wondling.
- Apgar, Charles W., assignor to A. L. Rosenfeld, C. W. Apgar, and F. R. Mann, trustees. 2,678,716, Cl. 198—35.
- Apgar, John N. 2,681,236, Cl. 280—433.
- Apothélos, Robert, to Machine Tool Works Oerlikon, Administration Co. 2,685,253, Cl. 102—78.
- Applegate, Earl C., Chicago, Ill. Hand tool. 2,670,579, Mar. 2.
- Applegate, Raymond P., Hicksville, assignor of one-half to C. P. Molla, New Hyde Park, N. Y. Yieldable shipping mount for missiles and the like. 2,670,166, Feb. 23.
- Applegate, Vernon C.: *See*—
 Stahl, William L., and Applegate. 2,688,116.
- Appleman, Theodore C.: *See*—
 Clark, Earl K., and Appleman. 2,692,957.
- Appleman, Theodore C., to Westinghouse Electric Corp. 2,693,165, Cl. 116—124.
- Appleton, Albert, to T. & T. Vicars Ltd. 2,693,154, Cl. 107—12.
- Appleton, Arthur I. 2,674,470, Cl. 285—6.5.
- Appleton, Arthur I. 2,687,757, Cl. 151—37.
- Appleton, Arthur I. 2,697,573, Cl. 248—57.
- Appleton, Arthur I., and N. A. Tornblom, to Appleton Electric Co. 2,686,216, Cl. 174—81.
- Appleton Electric Co.: *See*—
 Appleton, Arthur I., and Tornblom. 2,686,216.
 Appleton, Norton A., and Krause.
 Tornblom, Nils A. 2,687,904.
- Appleton, Joe S. 2,696,765, Cl. 90—59.
- Appleton, Norton A., and R. J. Krause, assignors to Appleton Electric Company, Chicago, Ill. Locking device for push-button stations. 2,673,259, Mar. 23.
- Appleton, Scott S.: *See*—
 Brenner, Millard M., Appleton, Lippel, and Hamsher. 2,685,054.
- Appliance Engineering Co., assignee: *See*—
 Beuscher, William B.
- Applied Research Laboratories, assignee: *See*—
 Hasler, Maurice F., Proctor, Kemm, and Lindhurst. 2,675,734.
- Aquino, Salvatore A.: *See*—
 Giroux, Alexander L., and Aquino. 2,693,308.
 Giroux, Alexander L., and Aquino. 2,693,309.
- Aquino, Salvatore A., to The Hinde & Dauch Paper Co. 2,684,758, Cl. 206—46.
- Arabian, Karekin G., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Preparation of paraffin waxes. 2,668,140, Feb. 2.
- Arant, Perry. 2,678,153, Cl. 231—2.

- Arant, Perry, to Clayton Mfg. Co. 2,697,868, Cl. 29—157.3.
- Arbait, Pierre, and P. La Burthe, assignors to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint Gobain, Chauny & Cirey. 2,677,003, Cl. 13—6.
- Arbait, Pierre, and L. Thebault, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. 2,686,820, Cl. 13—6.
- Arbait, Pierre, and P. La Burthe, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. 2,691,689, Cl. 13—6.
- Arbogast, Ray D., to Burgess Battery Co. 2,686,214, Cl. 136—111.
- Arborth, Åke, and E. Krantz, to A. B. Svenska Flaktfabriken. 2,684,836, Cl. 261—112.
- Arbuckle, Lawrence L. 2,680,007, Cl. 257—2.
- Arcadia Metal Products, Inc., assignee: *See*—Le Bon, Charles B., III.
- Archbold, Ralph L.: *See*—Kortepeter, Ralph E., and Archbold.
- Archer, Charles B., Homestead Park, Pa. Piano flange reamer and repinning tool. 2,668,463, Feb. 9.
- Archer-Daniels-Midland Co.: *See*—Weber, Ralph O. 2,692,199.
- Archer, Henry, Toronto, Ontario, Canada. Holding device for fish lures. 2,665,517, Jan. 12.
- Archer, Hugh M. 2,684,674, Cl. 128—214.
- Archer, Irving M., assignor to Campbell Taggart Research Corporation. 2,676,718, Cl. 214—308.
- Archer, John W. 2,688,788, Cl. 25—131.
- Archer, Sydney, to Sterling Drug Inc. 2,681,353, Cl. 260—397.4.
- Archer, Sydney, to Sterling Drug Inc. 2,682,544, Cl. 260—294.8.
- Archibald, Frederick R., Duluth, Minn., assignor to United States Steel Corporation. Flotation method and reagent. 2,669,355, Feb. 16.
- Archibald, Frederick R., Toronto, Ontario, Canada, assignor to United States Steel Corporation. Preparing flotation reagents. 2,669,545, Feb. 16.
- Arco Company, The, assignee: *See*—Lansing, Charles B., and Hart.
- Arcus, Alex A.: *See*—Luttringhaus, Hans, and Arcus.
- Ardell, Edgar: *See*—Wimmer, Ludwig, and Ardell. 2,686,623.
- Arden, Thomas T.: *See*—Caparone, Michael J., and Arden. 2,695,056.
- Ardis, Alan E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stabilized compositions comprising monomeric 1,1-dicyano ethylene. 2,665,298, Jan. 5.
- Ardis, Alan E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stabilized compositions comprising monomeric 1,1-dicyano ethylene. 2,665,299, Jan. 5.
- Ardito, William, West Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Suction cleaning apparatus. 2,670,896, Mar. 2.
- Ardizzone, Louis J., New York, N. Y. Hand chess stamp. 2,673,518, Mar. 30.
- Ardolino, Anthony G. 2,695,472, Cl. 46—98.
- Ardolino, Lewis R., to C. A. Freda. 2,682,879, Cl. 132—50.
- Arelt, Eugene G., to Onondaga Pottery Co. 2,690,620, Cl. 33—174.
- Arelt, Eugene G., to Onondaga Pottery Co. 2,696,918, Cl. 214—1.
- Arena, Anthony E. 2,691,848, Cl. 47—26.
- Arena, Santi J.: *See*—King, Reginald B., and Arena. 2,679,030.
- Arenco Aktiebolag: *See*—Nilsson, Johan G. 2,698,076.
- Arens, Egmont, New York, N. Y., assignor to Federal Electric Products Company, Newark, N. J. Switch-handle lock. 2,672,746, Mar. 23.
- Arent, Marvin: *See*—Fairchild, Edwin B. 2,698,120.
- Arentzen, Einar M., to Lee-Norse Co. 2,695,164, Cl. 262—20.
- Arenz, Donald, and R. L. Adolf. 2,677,254, Cl. 62—141.
- Areola, Benigno R. 2,684,548, Cl. 41—15.
- Arey, Ralph G., assignor to Ward Machine Company, Inc., Brockton, Mass. Crimping tool. 2,664,772, Jan. 5.
- Arf, Herman R., to General Motors Corp. 2,689,463, Cl. 62—2.
- Argentieri, Michael A., and J. H. Andresen, Jr., to Kollsman Instrument Corp. 2,689,951, Cl. 340—345.
- Argentieri, Peter A., to Connor Engineering Corp. 2,687,746, Cl. 137—614.11.
- Argodale, John, assignor to Twin Cities Container Corporation. 2,676,749, Cl. 229—34.
- Arguimbau, Lawrence B., and J. Granlund, assignors, by mesne assignments, to Research Corporation. 2,674,690, Cl. 250—20.
- Argus Cameras, Inc., assignee: *See*—Wilkinson, Leonard A.
- Argus Chemical Laboratory, Inc., assignee: *See*—Leistner, William E., and Hecker. 2,680,107.
- Aries, Robert S.: *See*—Zündel, Jean E., and Aries.
- Arisman, Fred J. 2,676,061, Cl. 299—107.2.
- Arisman, Mervin B.: *See*—Daily, Arthur M., Arisman, and Pierce.
- Daily, Arthur M., Arisman, and Pierce. 2,695,933.
- Vaksvik, Adrian J., and Arisman.
- Arlas, Oliver R. 2,683,553, Cl. 220—90.
- Arizio, Antonio. 2,691,512, Cl. 262—12.
- Arkawy, Seymour M.: *See*—Smith, Stanley J., and Arkawy. 2,691,304.
- Arkell Safety Bag Company, assignee: *See*—Doyle, James F., and Onasch. 2,679,887.
- Maynes, Harold H. 2,677,496.
- Arkell and Smiths, assignee: *See*—Jones, Tom L.
- Robinson, Paul C.
- Searle, Robert F.
- Arkis, Jerome W.: *See*—Weitkamp, Alfred W., Arkis, and Flint. 2,676,955.
- Ark-Les Switch Corp.: *See*—Davis, Stafford E. 2,681,447.
- Sanda, Laddie A. 2,686,851.
- Arkless, Richard S. 2,681,685, Cl. 154—42.
- Arkus, Henry, assignor to Hazeltine Research, Inc. 2,675,472, Cl. 250—27.
- Arliss, Stanley A., Long Hill, Conn. Auxiliary tool adapter for drill presses. 2,669,162, Feb. 16.
- Arlt, Herbert G., Jr.: *See*—Webb, John S., and Arlt. 2,675,385.
- Arma Corporation, assignee: *See*—Bishop, Ronald L. 2,677,194.
- Armcast, Wilbur H., to Combustion Engineering, Inc. 2,687,096, Cl. 103—111.
- Armcast, Wilbur H., to Combustion Engineering, Inc. 2,695,599, Cl. 122—479.
- Armcast, Wilbur H., to Combustion Engineering, Inc. 2,697,422, Cl. 122—333.
- Arman, Adrian N., to Pirelli-General Cable Works Ltd. 2,697,867, Cl. 29—155.5.
- Armant, David L., and H. S. Sigurdson, assignors to National Lead Company. 2,680,681, Cl. 75—11.
- Armantrout, Kenneth M., assignor to Borg-Warner Corporation. 2,676,684, Cl. 192—53.
- Armatys, Edward F., New York, assignor to Sun Chemical Corporation, Long Island City, N. Y. Textile printing water-in-oil emulsions having as the oil phase a thermoplastic resin plastisol emulsified in a thermosetting resin lacquer. 2,668,159, Feb. 2.
- Armbrecht, Charles: *See*—Steinbock, Edmund A., Armbrecht, and Steinbock. 2,696,022.
- Armbrust, Henry N., to Proportioneers, Inc. 2,681,153, Cl. 210—144.
- Armco Steel Corp.: *See*—Asbury, Ralph E., and Wiley. 2,690,492.
- Bloom, Fredrick K. 2,687,955.
- Carruthers, Maurice E.
- Clarke, William C., Jr. 2,695,844.
- Clarke, William C., Jr. 2,697,035.
- Espy, Ronald H. 2,695,872.
- Hayes, Selden C., and Lomakin. 2,694,001.
- Hudson, Edwin B. 2,685,807.
- Jennings, Paul A.
- Kingston, Walter E., Zavarine, and Bussert. 2,697,869.
- Loveless, Donald L. 2,680,070.
- Rice, Edgar E., and Foley. 2,694,741.
- Tanczyn, Harry. 2,694,626.
- Tanczyn, Harry. 2,696,433.
- Armento, William H., assignor to General Aniline & Film Corporation. 2,676,957, Cl. 260—172.
- Armentrout, Arthur L., Long Beach, Calif. Liner hanger and actuator therefor. 2,670,045, Feb. 23.
- Armentrout, Arthur L., Long Beach, Calif. Gripper. 2,670,797, Mar. 2.
- Armentrout, Arthur L. 2,683,690, Cl. 252—8.5.
- Armeny, Percy J.: *See*—Schnell, Albert, and Armeny. 2,691,214.
- Armerding, Anthony H., assignor to Armerding Developments, Inc. 2,675,590, Cl. 20—52.
- Armerding Developments, Inc., assignee: *See*—Armerding, Anthony H. 2,675,590.
- Armington, Raymond Q., Shaker Heights, assignor to The Euclid Road Machinery Co., Cleveland, Ohio. Swivel connection for hydraulic hoist. 2,670,717, Mar. 2.
- Armington, Raymond Q., and H. C. Schindler, to General Motors Corp. 2,692,584, Cl. 121—46.
- Armington, Stewart F., assignor, by mesne assignments, to General Motors Corporation. 2,680,611, Cl. 267—56.
- Armistead, William H., to Corning Glass Works. 2,688,559, Cl. 106—52.
- Armistead, William H., to Corning Glass Works. 2,688,560, Cl. 106—52.
- Armistead, William H., to Corning Glass Works. 2,688,561, Cl. 106—52.
- Armistead, William H., to Corning Glass Works. 2,691,855, Cl. 49—92.
- Armistead, William H., to Corning Glass Works. 2,692,833, Cl. 106—53.
- Armitage, Bronson W., assignor of one-half to W. A. Forbes, Portland, Ore. Christmas tree stand. 2,670,163, Feb. 23.
- Armitage, Clifford F., South Orange, assignor to Colloid Chemical Laboratories, Inc., Cedar Knolls, N. J. Treating cashew nut shell liquid with fluoboric acid. 2,669,554, Feb. 16.

- Armitage, Ethel D.: *See*—
Armitage, Le Roy. 2,694,119.
Armitage, Frank. 2,676,159, Cl. 260—22.
Armitage, Joseph B., to Kearney & Trecker Corp. 2,682,182, Cl. 77—5.
Armitage, Joseph B., to Kearney & Trecker Corp. 2,697,965, Cl. 90—20.5.
Armitage, Joseph B., and J. B. Lukey, to Kearney & Trecker Corp. 2,692,518, Cl. 77—3.
Armitage, Le Roy, deceased; E. D. Armitage, executrix, to Bell Telephone Laboratories, Inc. 2,694,119, Cl. 200—91.
Armour and Co.: *See*—
Barr, James A., Jr., and Bunge. 2,695,100.
Brault, Robert G., and Reck. 2,695,284.
Bunding, Irby M.
Cornwell, Earl D.
Gmitter, George T. 2,686,798.
Harrington, Bertie S.
Harrington, Bertie S. 2,697,446.
Harwood, James, Hoerr, and Reck.
Lolli, August L. 2,689,203.
Maxwell, Loyal C., and Hinkel. 2,674,560.
Maxwell, Loyal C., and Hinkel. 2,695,861.
Plambeck, Peter D. 2,686,708.
Potts, Ralph H. 2,674,570.
Robinson, Howard M. 2,690,839.
Roland, John F., Jr., and Gross.
Thompson, Robert E.
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Turinsky, Otto, and Reck.
Armour Research Foundation of Illinois Institute of Technology: *See*—
Camras, Marvin.
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Camras, Marvin. 2,694,107.
Camras, Marvin. 2,694,656.
Wiegand, David E. 2,694,109.
Zenner, Raymond E. 2,675,185.
Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Finishing internal bores. 2,671,297, Mar. 9.
Armstrong, Adam E. 2,687,851, Cl. 236—1.
Armstrong, Alfred, and P. Wake. 2,677,339, Cl. 111—85.
Armstrong, Bruce, to Jackson & Church Co. 2,685,108, Cl. 19—5.
Armstrong, Christopher A. 2,687,842, Cl. 230—58.
Armstrong Cork Co.: *See*—
Barsy, Imre J.
Bezman, Irving I. 2,696,447.
Bishop, Le Roy D., Barnett, Gentel, and Leman. 2,697,528.
Carlucci, Herbert J. 2,680,586.
Eaby, Le Roy, and Schmoeyer. 2,674,764.
Eckert, Lewis W. 2,684,342.
Edwards, William A., Jr. 2,695,003.
Elliott, Charles G.
Emig, John W. 2,691,796.
Gard, George E.
Heinzelman, Earl E. 2,681,471.
Heinzelman, Earl E. 2,697,250.
Holloway, James P. 2,692,118.
Kyle, Joseph H. 2,676,315.
Lescallette, Richard F. 2,692,670.
Lewis, Mathias S., and McGarvey. 2,675,623.
Lockwood, Louis H. 2,692,164.
Lockwood, Louis H., and Yohn.
McCarthy, J. Clarence. 2,689,981.
McGarvey, Alan R. 2,690,100.
McGarvey, Alan R. 2,690,393.
Menefee, Samuel W. 2,696,319.
Moore, Donald W., and Searl.
Morrison, Walter E. 2,675,118.
Ostermayer, William.
Phillips, Washington H. 2,674,545.
Phillips, Washington H. 2,698,253.
Rueggeberg, Werner. 2,678,994.
Schulz, August. 2,696,780.
Senft, Russell W. 2,674,835.
Sharf, John M., and Powers. 2,680,083.
Spencer, Virgil. 2,678,464.
Stevens, Hilbert L.
Swarr, Howard G. 2,695,583.
Wendel, Peter J., and Datesman. 2,682,291.
Yohn, Henry M.
Young, Rex A. 2,687,151.
Armstrong, Daniel A., Thiensville, Wis., and W. J. Raleigh, Roseville, assignors to Scott-Atwater Manufacturing Company, Minneapolis, Minn. Gas tank structure. 2,666,550, Jan. 19.
Armstrong, Daniel A., and J. C. Bandli, assignors to Scott-Atwater Manufacturing Co. Inc. 2,675,794, Cl. 123—136.
Armstrong, Daniel A., B. Carlson, and H. A. Anderson, to Scott-Atwater Mfg. Co. Inc. 2,696,188, Cl. 115—18.
Armstrong, Daniel A., and M. F. Snyder, to Scott-Atwater Mfg. Co. Inc. 2,696,221, Cl. 137—636.4.
Armstrong, Everett D., and J. M. Gresham. 2,690,006, Cl. 30—6.1.
Armstrong, Francis J., to United States Hoffman Machinery Corp. 2,681,512, Cl. 34—44.
Armstrong, Francis J., to United States Hoffman Machinery Corp. 2,687,215, Cl. 210—71.
Armstrong, Francis J., to U. S. Hoffman Machinery Corp. 2,695,103, Cl. 210—63.
Armstrong, Glenn. 2,683,952, Cl. 43—87.
Armstrong, John E., and C. Jacuzzi, to Jacuzzi Bros., Inc. 2,694,365, Cl. 103—5.
Armstrong, Lowell, and L. B. Willoughby, Louisville, R. C. P. Morton, Prospect, and H. How, Louisville, Ky., assignors, by mesne assignments, to Pillsbury Mills, Inc. Machine for forming and packing blanks of dough. 2,664,833, Jan. 5.
Armstrong, Marshall C.: *See*—
Slayter, Games, and Armstrong. 2,692,219.
Slayter, Games, and Armstrong. 2,694,025.
Armstrong, Robert R., Akron, and B. M. Wolf, Wadsworth, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Testing cord fabric. 2,665,582, Jan. 12.
Armstrong, Robert S. 2,697,872, Cl. 29—252.
Armstrong Rubber Co., The: *See*—
Walsh, James A. 2,690,202.
Armstrong Siddeley Motors Ltd.: *See*—
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Lindsey, William H., and Fellows.
Rainbow, Horace S. 2,689,528.
Walker, Jack, and Leng.
Walker, Jack, and Leng. 2,686,370.
Armstrong, Thomas J., and R. K. Iler, assignors to E. I. du Pont de Nemours & Company. 2,679,483, Cl. 252—186.
Armstrong, Sir W. G., Whitworth Aircraft Limited, assignee: *See*—
Watson, Henry R., Morris, and Staite.
Armstrong, Walter G. 2,678,687, Cl. 160—72.
Armstrong, Werner E. 2,678,816, Cl. 264—15.
Armstrong, William, assignor to Armstrong's Patent Company Limited, Eastgate, Beverley, England. Bearing for use in hydraulic shock absorbers. 2,670,816, Mar. 2.
Armstrong, William J., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. 2,676,309, Cl. 333—84.
Armstrong's Patent Company Limited, assignee: *See*—
Armstrong, William.
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Army, United States of America as represented by the Secretary of the: *See*—
Abbott, Roy W. 2,693,083.
Annis, Richard R., Cohen, and Haselkorn.
Boeck, Gunther A., and Howard.
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Brady, James M. 2,674,884.
Brenner, Millard M., Appleton, Lippel, and Hamsher. 2,685,054.
Caskie, William A. 2,685,353.
Chubb, Melvin F. Re. 23,883.
Clements, David. 2,694,615.
Codier, Ernest O.
Cornell, James S. 2,675,256.
Croft, Munsey E. 2,682,045.
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Cushman, Walton W. 2,680,026.
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Daniel, Arthur F. 2,678,343.
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Dicke, Robert H.
Dietz, Albert G. H., and Mooney. 2,697,054.
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Fischbach, Adolph. 2,692,905.
Fischbach, Adolph, and Linden. 2,679,547.
Flanagan, Robert.
Fleischer, Arthur.
Fox, Nelson S., and Goldberg. 2,687,520.
Frederick, Edward R. 2,684,337.
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Furey, Lawrence M. 2,686,969.
Gale, Richard T. 2,681,764.
Gardner, Charles N., and Weiss. 2,683,326.
Goetz, Alexander.
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Guttwein, Gunter K., and Priebe. 2,695,211.
Hager, Karl F., and Rosenthal. 2,689,171.
Hager, Karl F., Michel, Heller, and Tschinkel. 2,690,386.
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Herman, Irving, and Sawyer. 2,697,871.
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Howarth, Harry A. S. 2,682,934.
Huber, William A. 2,692,381.
Hull, Edwin H. 2,692,475.
Jipp, John.
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- Korman, Nathaniel I. 2,680,810.
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 Langberg, Edwin.
 Larson, Richard C. 2,689,938.
 Lebove, Kurt. 2,689,876.
 Levinos, Steven, and Burner. 2,696,439.
 Liljegren, Lyle K. 2,694,364.
 Lippel, Bernard, and Buegler. 2,679,644.
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 MacGlashan, William F., Jr. 2,680,454.
 Mack, William. 2,680,541.
 Mayo, Clyde R. 2,684,301.
 McCoy, John H.
 Meister, Jack. 2,682,835.
 Melick, John M. 2,690,124.
 Michel, Josef M., and Hager. 2,680,066.
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 Peck, Joseph A.
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 Peters, Philip H., Jr. 2,681,413.
 Pureka, Thomas T. 2,694,795.
 Rabinow, Jacob. 2,690,913.
 Rappaport, Paul J. 2,684,990.
 Rauch, Alexander.
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 Rowland, Howard J., and Terrell. 2,694,778.
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 Schaefer, Ernest R. 2,692,990.
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 Slottow, Hiram G., and Smith. 2,685,200.
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 Steinberg, George M.
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 Teitscheid, Alfred F., Beeman, and Rutkovsky.
 Utter, Joseph L. 2,683,667.
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 Warren, Paul G. 2,690,841.
 Weaver, Donald K., Jr. 2,697,816.
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 Wilburn, Nicholas T. 2,684,988.
 Wilburn, Nicholas T. 2,684,989.
 Williams, Edward F. 2,680,189.
 Wilson, Burton J. 2,677,783.
 Witters, Robert F. 2,689,931.
 Arnal, George C. 2,683,378, Cl. 74—385.
 Arnberg, Gunnar: *See*—
 Österman, Karl, and Arnberg.
 Arne, Christian, Chicago, Ill., assignor to Chicago Bridge & Iron Company. Spherical segment tank and making same. 2,668,634, Feb. 9.
 Arne, Christian, assignor to Chicago Bridge & Iron Company. 2,678,060, Cl. 137—452.
 Arne, Christian, to Chicago Bridge & Iron Co. 2,685,887, Cl. 137—208.
 Arne, Christian, to Chicago Bridge & Iron Co. 2,690,273, Cl. 220—1.
 Arneson, Edwin L., to Morris Paper Mills. Re. 23,912, Cl. 220—111.
 Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier. 2,668,653, Feb. 9.
 Arneson, Edwin L., to Morris Paper Mills. 2,686,001, Cl. 229—34.
 Arneson, Edwin L., to Morris Paper Mills. 2,687,067, Cl. 93—36.
 Arneson, Edwin L., to Morris Paper Mills. 2,687,232, Cl. 229—28.
 Arni, Arnold. 2,679,360, Cl. 241—169.
 Arnold, Alfred, H. Unterguggenberger, and E. Schmidt, to Wacker-Chemie G. m. b. H. 2,688,566, Cl. 117—46.
 Arnold, Arthur W., Portland, Oreg., assignor to J. M. Arnold, Laguna Beach, Calif. Draft control for stoves. 2,673,037, Mar. 23.
 Arnold, Charles E.: *See*—
 Stites, Francis H., and Arnold. 2,688,664.
 Arnold, Edward F. 2,682,104, Cl. 30—2.
 Arnold, Eugene K.: *See*—
 Laviana, Donald W., Arnold, and Cooper. 2,684,825.
 Arnold, George, Shaker Heights, and H. A. Schultz, Garfield Heights, assignors to Cleveland Frog & Crossing Co., Cleveland, Ohio. Rail brace. 2,670,903, Mar. 2.
 Arnold, George, and H. A. Schultz, to Cleveland Frog & Crossing Co. 2,687,859, Cl. 246—452.
 Arnold, George B.: *See*—
 Fitzwilliam, James W., and Arnold.
 Hess, Howard V., and Arnold. 2,697,122.
 Hess, Howard V., Arnold, and Skelton. 2,686,755.
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 Arnold, George B., Glenham, H. V. Hess, Beacon, J. K. Truitt, Wappingers Falls, and J. W. Fitzwilliam, Beacon, assignors to The Texas Company, New York, N. Y. Separation of wax-like constituents from oil with a complexing agent in the presence of water. 2,666,020, Jan. 12.
 Arnold, George B., and H. V. Hess, to The Texas Co. 2,691,034, Cl. 260—449.6.
 Arnold, Gerald D., Milwaukee, Wis. Furnace. 2,672,108, Mar. 16.
 Arnold, Hoffman & Co., Inc., assignee: *See*—
 Robinson, Charles A.
 Arnold, Howard H., to Western Electric Co., Inc. 2,686,260, Cl. 250—20.
 Arnold, Jerome H., to California Research Corp. 2,695,323, Cl. 260—674.
 Arnold, Jessie M., assignee: *See*—
 Arnold, Arthur W.
 Arnold, John H., Summit, N. J., assignor to Hydrocarbon Research, Inc., New York, N. Y. Catalytic synthesis of hydrocarbons. 2,665,289, Jan. 5.
 Arnold, Katie. 2,695,999, Cl. 2—20.
 Arnold, Kenneth H.: *See*—
 Shulver, Louis, and Arnold.
 Arnold, Lionel K.: *See*—
 Sweeney, Orland R., Arnold, and Long.
 Arnold, Melvin R., and H. M. Baugh, Louisville, Ky., assignors, by mesne assignments, to National Cylinder Gas Company, Chicago, Ill. Preparing mixtures of hydrogen and carbon oxides. 2,668,101, Feb. 2.
 Arnold, Orlan M. 2,684,319, Cl. 154—101.
 Arnold, Paul D., assignee: *See*—
 Rosenberg, Isadore B.
 Arnold, Perry C., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Welding. 2,667,559, Jan. 26.
 Arnold, Robert C., Chicago Heights, assignor to Standard Oil Company, Chicago, Ill. Desulfurization of distillate fuels. 2,673,830, Mar. 30.
 Arnold, Robert C., Park Forest, Ill., and A. P. Lien, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Refining of hydrocarbon oils. 2,671,046, Mar. 2.
 Arnold, Robert C., Park Forest, Ill., and A. P. Lien, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Refining hydrocarbon materials with SO₂ and BF₃. 2,671,047, Mar. 2.
 Arnold, Robert G., to E. I. du Pont de Nemours and Co. 2,697,711, Cl. 260—309.2.
 Arnold, Robert G., to E. I. du Pont de Nemours and Co. 2,697,712, Cl. 260—309.2.
 Arnold, Robert G., to E. I. du Pont de Nemours and Co. 2,697,713, Cl. 260—309.2.
 Arnold, Rollo H., Elm Creek, Nebr. Gunstock. 2,673,414, Mar. 30.
 Arnold, Russell W.: *See*—
 Nielsen, Morris L., and Arnold. 2,680,077.
 Pevere, Ernest F., and Arnold. 2,685,607.
 Arnold, Thomas L., West Hartford, assignor to The Vulcan Radiator Company, Hartford, Conn. Radiator hanger. 2,670,935, Mar. 2.
 Arnold, Walter W.: *See*—
 Roubloff, Alexander D., and Arnold. 2,686,413.
 Arnoldy, Roman F. 2,686,364, Cl. 30—292.
 Arnott, Edward G. F., to Westinghouse Electric Corp. 2,692,350, Cl. 313—114.
 Arntzen, Clyde E., and P. E. Dupler, to Westinghouse Electric Corp. 2,686,156, Cl. 252—25.
 Arones, Daniel A., assignor to Advance Machine Company. 2,674,896, Cl. 74—217.
 Arones, Daniel A., assignor to Advance Machine Company. 2,675,246, Cl. 280—44.
 Aronson, Alexander H., to Ronson Corp. 2,690,067, Cl. 67—7.1.
 Aronson, Charles N., Arcade, N. Y. Rotatable support for cylinders. 2,669,364, Feb. 16.
 Aronson, Theodore F.: *See*—
 Halahan, John, Aronson, and Lyon. 2,688,830.
 Halahan, John, Aronson, and Lyon. 2,690,102.
 Halahan, John, Aronson, and Lyon. 2,690,337.
 Halahan, John, Aronson, and Lyon. 2,692,529.
 Arpin, John W. 2,682,871, Cl. 128—142.
 Arps, Jan J. 2,677,790, Cl. 324—1.
 Arras, Damiano, and D. H. Brown, assignors to The American Hardware Corporation. 2,677,982, Cl. 81—9.3.
 Arrighi, Angelo, to American Safety Razor Corp. 2,684,151, Cl. 206—16.
 Arrott, Anthony, to Minneapolis-Honeywell Regulator Co. 2,698,406, Cl. 318—28.
 Arrow Fastener Co., Inc., assignee: *See*—
 Abrams, Morris.
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 Dietrich, Walter L. 2,680,166.
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 Schleicher, Harold E. 2,689,287.
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 Arrow Tools, Inc., assignee: *See*—
 Johnson, Ralph E. 2,680,496.
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 Greenwald, Fred A. 2,674,297.
 Arrowood, Hubert L., assignor to Hinderliter Tool Company Division H. K. Porter Company, Inc. 2,676,036, Cl. 285—22.

- Arroyo L., Humberto. 2,697,003, Cl. 296—44.
 Art Metal Construction Co.: *See—*
 Fitch, Jason A. 2,686,647.
 Jones, James R., Kidd, and Bloomstran. 2,695,113.
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 Art Specialty Co.: *See—*
 Fiori, Irving I. 2,694,585.
 Artac, Frank J., Jr., to United States Steel Corp. 2,680,977, Cl. 80—52.
 Arterbury, Bryant P.: *See—*
 Clark, George M. 2,696,257.
 Arterbury, Roy L.: *See—*
 Clark, George M. 2,696,257.
 Artese, Dominick, and S. Ciambriello. 2,694,880, Cl. 47—1.
 Arthur, Edwin P.: *See—*
 Gilbert, Paul T., Jr., and Arthur.
 Arthur, Edwin P., to Beckman Instruments, Inc. 2,697,070, Cl. 204—195.
 Arthur, James L.: *See—*
 Fagg, Gerald H., and Arthur. 2,698,352.
 Arthur, James L., to General Motors Corp. 2,693,082, Cl. 60—39.67.
 Arthur, Leonard E. W., Ballarat, Victoria, Australia. Apparatus for removing the pile from carpets. 2,670,520, Mar. 2.
 Arthur, Oscar F., Connellsville, Pa. Crate. 2,670,984, Mar. 2.
 Arthur, Paul, Jr., and B. C. Pratt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogen cyanide-cobalt carbonyl reaction product. 2,666,748, Jan. 19.
 Arthur, Paul, Jr., and B. C. Pratt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrocyanation of olefinic compounds. 2,666,780, Jan. 19.
 Arthur, Richard P.: *See—*
 Bellamy, John I., and Arthur.
 Arthur, Robert A.: *See—*
 Fischer, Richard A., and Arthur. 2,692,546.
 Arthur, Robert A., assignor to The Garrett Corporation, Los Angeles, Calif. Differential and ratio control. 2,665,624, Jan. 12.
 Arthur, Robert A., J. M. Kemper, and R. A. Fischer, to The Garrett Corp. 2,692,545, Cl. 98—1.5.
 Artis, Edward J. 2,676,529, Cl. 98—66.
 Artmann, Ludwig, Hamburg, Germany. Machine for bending, folding, pressing, or shearing of plates and the like. 2,672,912, Mar. 23.
 Artmann, Maylock, New York, N. Y. Display device. 2,668,371, Feb. 9.
 Artos Engineering Company, assignee: *See—*
 Andren, Karl H. 2,680,394.
 Art-Teen Sportswear Co.: *See—*
 Artz, James. 2,685,691.
 Artz, James, to Art Teen Sportswear Co. 2,685,691, Cl. 2—78.
 Artzt, William W., New Rochelle, N. Y. Wearing apparel with stretchable circumferential insets. 2,664,570, Jan. 5.
 Arundale, Erving: *See—*
 Guyer, Walter R. F., Thorn, and Arundale.
 Arundale, Erving, and F. W. Banes, to Standard Oil Development Co. 2,684,356, Cl. 260—80.7.
 Arutunoff, Armais, assignor to Reda Pump Company. 2,674,194, Cl. 103—87.
 Arutunoff, Armais, assignor to Reda Pump Company. 2,674,446, Cl. 263—46.
 Arutunoff, Armais, assignor to Reda Pump Company. 2,674,702, Cl. 310—87.
 Arutunoff, Armais, assignor to Reda Pump Company. 2,680,609, Cl. 266—33.
 Arvey Corp.: *See—*
 Ferguson, Clarence N.
 Kleiman, Morton. 2,697,089.
 Kleiman, Morton. 2,697,101.
 Kleiman, Morton, and Goldman.
 Ordas, Eugene P. 2,697,103.
 Polen, Percy B., Kleiman, and Fechter.
 Winterstein, Alexander. 2,676,130.
 Arvidson, Bengt A.: *See—*
 Corley, Mark H., Arvidson, and Barber. 2,687,604.
 Arvidsson, Algot: *See—*
 Lammn, Uno, and Arvidsson. 2,683,225.
 Arvidsson, Algot, Saltsjobaden, H. Elmlund, Vasteras, and G. Sonesson, Enskede, assignors to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Means for controlling the candle power of luminous tubes. 2,665,394, Jan. 5.
 Arvin Industries, Inc.: *See—*
 Farr, Edward A., and Theisen. 2,690,709.
 Ludlow, Edmund.
 Arvin, James A., to The Sherwin-Williams Co. 2,686,765, Cl. 260—22.
 Arvin, James A., and T. Greenfield, to The Sherwin-Williams Co. 2,686,164, Cl. 260—22.
 Arvin, Martin J., assignor to Milwaukee Gas Specialty Company. 2,678,774, Cl. 236—21.
 Arvins, Nathan A.: *See—*
 Arvintz, Abraham A., Arvins, and Arvintz.
 Arvins, Nathan A., Brooklyn, A. A. Arvintz, Hollis, and R. A. Arvintz, New York, assignors to Arvins Viscolator Corporation, Brooklyn, N. Y. Fluid preheater. 2,673,919, Mar. 30.
 Arvins Viscolator Corporation, assignee: *See—*
 Arvins, Nathan A., and A. A. and R. A. Arvintz.
 Arvintz, Abraham A.: *See—*
 Arvins, Nathan A., and A. A. and R. A. Arvintz.
 Arvintz, Abraham A., Bellerose, N. A. Arvins, Brooklyn, and R. A. Arvintz, New York, assignors to Sanicom Company, Inc., Brooklyn, N. Y. Contaminating control device. 2,666,148, Jan. 12.
 Arvintz, Robert A.: *See—*
 Arvintz, Abraham A., Arvins, and Arvintz.
 Arvins, Nathan A., and A. A. and R. A. Arvintz.
 Arzt, Emanuel L., New York, N. Y. Adjustable stop for the spring clips of earrings. 2,668,341, Feb. 9.
 Asaff, Annis G., to Callaghan-Hession Corp. 2,682,517, Cl. 260—29.6.
 Asaff, Annis G., to Callaghan Hession Corp. 2,692,973, Cl. 324—62.
 Asahi Kasei Kogyo Kabushiki-Kaisha, assignee: *See—*
 Tsunoda, Yoshio.
 Asaro, Vito, and E. P. Krajewski, assignors to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring cushion assembly. 2,669,292, Feb. 16.
 Asbeck, Carrie: *See—*
 Budd, Baylis F. 2,691,385.
 Asbestos Textile Institute, assignee: *See—*
 Shaw, Myril C.
 Asbury, Allan, and J. G. H. Banks, to The English Electric Co. Ltd. 2,692,361, Cl. 318—142.
 Asbury, Charles T., assignor to Asbury Corporation. 2,676,447, Cl. 56—25.4.
 Asbury Corporation, assignee: *See—*
 Asbury, Charles T. 2,676,447.
 Asbury, Howard C., Cactus, Tex., assignor to Phillips Petroleum Company. Removal of acidic substances from fluid mixtures by aqueous amine solutions and the prevention of corrosion therein. 2,668,748, Feb. 9.
 Asbury, Ralph E., and D. Wiley, to Armco Steel Corp. 2,690,492, Cl. 219—6.
 Asby, Harry A., Jr., Grosse Pointe, Mich. Rotatable bolt for submachine guns. 2,667,817, Feb. 2.
 Aschwanden, Paul, and K. Burri, Zurich, assignors to Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon, Zurich-Oerlikon, Switzerland. Cutter head. 2,665,472, Jan. 12.
 Aseltine, Fred E.: *See—*
 Jorgensen, Clarence H., and Aseltine. 2,694,558.
 Ash, Charles S. 2,686,063, Cl. 280—467.
 Ash, Charles S., San Francisco, Calif. Smoking and canning fish. 2,670,295, Feb. 23.
 Ash, Clifford L.: *See—*
 Barker, Richard W., and Ash.
 Ash, Paul T.: *See—*
 Thomas, Harland, and Ash. 2,690,264.
 Ash, William. 2,692,923, Cl. 200—84.
 Ashbaugh, Bernard D., to H-P-M Development Corp. 2,680,883, Cl. 18—30.
 Ashburn, Evelyn L.: *See—*
 Dilworth, John P., Culnane and Ashburn. 2,690,998.
 Ashburn, Harry V.: *See—*
 Dilworth, John P., Culnane and Ashburn. 2,690,998.
 Ashburn, Roby G. 2,683,033, Cl. 267—59.
 Ashcroft, Donald G., to Imperial Chemical Industries Ltd. 2,682,983, Cl. 226—14.
 Ashcroft, Donald G., Saltcoats, and T. Pitcairn, West Kilbride, Scotland, assignors to Imperial Chemical Industries Limited. Apparatus adapted for receiving and eventually discharging cylindrical wrappers. 2,667,101, Jan. 26.
 Ashcroft, Thomas W., and F. G. Hobart, to Fairbanks, Morse & Co. 2,692,505, Cl. 74—8.
 Asher, Robert J. 2,687,749, Cl. 138—53.
 Asherman, Irving, to H. Hyman. 2,682,605, Cl. 240—103.
 Ashkenas, Irving L., to Northrop Aircraft, Inc. 2,684,215, Cl. 244—83.
 Ashkenaz, David M., Bala Cynwyd, Pa., assignor, by mesne assignments, to American Home Products Corporation, New York, N. Y. Hypodermic syringe. 2,672,867, Mar. 23.
 Ashkouti, Joseph A.: *See—*
 Ellis, Riley E., and Ashkouti.
 Ashley, Carlyle M., assignor to Carrier Corporation. 2,678,547, Cl. 62—119.
 Ashley, Carlyle M., assignor to Carrier Corporation. 2,679,733, Cl. 62—119.
 Ashley, Julius N.: *See—*
 Slack, Ronald, Ashley, and Berg. 2,686,787.
 Slack, Ronald, Ashley, and Berg. 2,686,802.
 Ashley, Kenneth D., to American Cyanamid Co. 2,681,291, Cl. 106—243.
 Ashley Machine Co., The: *See—*
 McKinley, Robert W., and Ernestes. 2,683,282.
 Ashley, Perlie C.: *See—*
 Jones, John M., and Ashley. 2,684,500.
 Ashley, Raymond, and T. J. Fatjo. 2,680,489, Cl. 169—2.
 Ashlock, George W., Jr., Oakland, Calif. Machine for handling fruit. 2,668,613, Feb. 9.
 Ashlock, George W., Jr. 2,688,352, Cl. 146—17.

- Ashton, Albert A., Houston, Tex., assignor to Emsco Manufacturing Company, Los Angeles, Calif. Direct air friction cathed. 2,665,112, Jan. 5.
- Ashton, Albert A., assignor to Emsco Manufacturing Company. 2,678,609, Cl. 103—204.
- Ashton, Benjamin N., assignor to Electrol Incorporated, Kingston, N. Y. Self-contained power actuator. 2,672,731, Mar. 23.
- Ashton, Benjamin N., and E. V. Barkow, Kingston, and J. P. Frain, Mount Tremper, assignors to Electrol Incorporated, Kingston, N. Y. Slide selector valve. 2,667,181, Jan. 26.
- Ashton, Benjamin N., and E. V. Barkow, assignors to Electrol Incorporated, Kingston, N. Y. Hydraulic power unit. 2,673,527, Mar. 30.
- Ashton, Benjamin N., and J. P. Frain, to Electrol Inc. 2,691,990, Cl. 137—622.
- Ashton, Ernest W., Ottawa, Ontario, assignor to Ketchum Manufacturing Co., Limited, Carleton, Ontario, Canada. Ear tag. 2,673,412, Mar. 30.
- Ashton, James T., assignor to Wood Bros. Inc., Des Moines, Iowa. Trash blower for corn snapping rolls. 2,672,003, Mar. 16.
- Ashton, Kenneth W. 2,690,696, Cl. 88—24.
- Ashton, Oscar L. 2,696,934, Cl. 22—394.
- Ashton, Philip E., assignor to The Cuno Engineering Corporation, Meriden, Conn. Cigar lighter. 2,667,562, Jan. 26.
- Ashton, Theodore: *See*—
Stringham, Leonidas K., and Ashton. 2,681,875.
- Ashton, William H., Philadelphia, Pa., assignor to Johnson & Johnson. Dental floss. 2,667,443, Jan. 26.
- Ashwill, James H., 50% to J. L. Cunningham. 2,695,949, Cl. 240—644.
- Ashwood, Peter F., Old Coulsdon, assignor to Power Jets (Research and Development) Limited, London, England. Combustion apparatus for operation in fast-moving air streams. 2,667,033, Jan. 26.
- Ashworth, Fred, Wenham, and J. R. Ioannilli, Boston, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,670,701, Mar. 2.
- Ashworth, Fred, and J. R. Ioannilli, to United Shoe Machinery Corp. 2,684,494, Cl. 12—142.
- Ashworth, Fred, and J. R. Ioannilli, to United Shoe Machinery Corp. 2,684,648, Cl. 112—46.
- Ashworth, Harry, and E. P. Bentley, to Research Corp. 2,687,647, Cl. 74—5.
- Ashworth, Johnnie. 2,682,423, Cl. 292—87.
- Ashworth, Johnnie. 2,688,507, Cl. 292—76.
- Askania Regulator Co.: *See*—
Baring, John A. 2,692,969.
Jacques, Stanley A. 2,675,831.
Kroth, Robert J. 2,687,885.
Runyan, Raymond A. 2,682,627.
Soller, Walter, Schneider, and Hancock. 2,695,982.
Velten, Hubert J., and Ziebolz. 2,687,645.
Ziebolz, Herbert. 2,692,581.
- Askania-Werke A.-G.: *See*—
Wuensch, Guido, Ziegler, and Caspar.
Wünsch, Guido. 2,683,245.
Wünsch, Guido, and Ziegler.
Ziegler, Horst.
- Aske, Irving E., Muskegon, assignor of one-half to K. W. Fitzpatrick, North Muskegon, Mich. Thermocouple. 2,666,090, Jan. 12.
- Aske, Leonard E., to General Mills, Inc. 2,691,124, Cl. 318—220.
- Asker, Gunnar C. F., Washington, D. C. Gas drier. 2,671,525, Mar. 9.
- Askue, Albert R., Euclid, assignor to The Cleveland Trencher Company, Cleveland, Ohio. Excavating chain and bucket mechanism. 2,667,709, Feb. 2.
- Asp, Howard L., Evanston, Ill. Magnetic door catch. 2,673,755, Mar. 30.
- Asp, Ivar A., Stockholm, assignor to Husqvarna Vapenfabriks Aktiebolag, Huskvarna, Sweden. Change speed clutch. 2,672,225, Mar. 16.
- Asp, Ivar A., Hagersten, and O. G. Berg, assignors to Husqvarna Vapenfabriks Aktiebolag, Huskvarna, Sweden. Operating device for change-speed gearings of bicycles. 2,667,081, Jan. 26.
- Aspey, Wayne S.: *See*—
Baker, Benjamin P., and Aspey. 2,695,349.
- Asplund, Arne J. A., Stockholm, Sweden. Fibrous filter sheet for gases. 2,664,964, Jan. 5.
- Asprey, Larned B., R. A. Penneman, and S. E. Stephanou, to the United States of America as represented by the United States Atomic Energy Commission. 2,681,923, Cl. 260—429.
- Asscher, Meier: *See*—
Moed, Hendrik D., and Asscher. 2,683,743.
- Assaff, Peter A., T. W. Mastin, and A. Rhodes, to The Lubrizol Corp. 2,695,910, Cl. 260—413.
- Asselin, Arthur N. 2,695,031, Cl. 137—444.
- Assembled Products Inc.: *See*—
Broadwell, William C. 2,686,619.
- Associated British Oil Engines Limited, assignee: *See*—
Bondi, Joseph W. 2,674,984.
- Associated Development and Research Corporation, assignee: *See*—
Wallach, Robert S., and Torkelson.
- Associated Spring Corporation, assignee: *See*—
Stewart, Elliott W.
- Asta-Werke Aktiengesellschaft, Chemische Fabrik, assignee: *See*—
Brock, Norbert, Kübas, and Schmeisser.
- Asti, Mansueto, and L. Anterini, assignors to Falls Yarn Mills. 2,679,087, Cl. 28—70.
- Astin, James S., and F. L. McAdams, to Westinghouse Electric Corp. 2,691,713, Cl. 200—168.
- Astleford, Grant R., Minneapolis, Minn. Bottle holder. 2,666,613, Jan. 19.
- Astrawerke VEB: *See*—
Gottschalk, Albert, and Kohler. 2,689,081.
- Atanasoff, John V., Fulton, and R. J. Wyde, Hyattsville, Md. Cathode-ray tube sound recorder. 2,672,524, Mar. 16.
- Ataya, George E.: *See*—
McIntosh, William N., Ataya, and Corban. 2,697,972.
- Atchison, Leonard W., Erie, Pa., assignor to General Electric Company. Two-temperature refrigerating system. 2,667,756, Feb. 2.
- Ateliers de Construction Oerlikon: *See*—
Schneider, Hans.
Schneider, Hans. 2,686,905.
Vogelsanger, Ernst, and Ubezio.
- Ateliers de Constructions Electriques de Charleroi, assignee: *See*—
De Clerck, Fernand.
- Ateliers de la Motobecane: *See*—
Jaulmes, Eric. 2,689,012.
- Aten, Adriaan H. W., Hilversum, and S. G. Wiechers, assignors to de Nederlandsche Centrale Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek, The Hague, Netherlands. Electrolyzing aqueous liquids. 2,671,055, Mar. 2.
- Atherton, Frank R.: *See*—
Bergel, Franz, Cohen, Atherton, Heath-Brown, and Hughes. 2,693,470.
Morrison, Alexander L., and Atherton. 2,677,680.
Morrison, Alexander L., Atherton, and Andrews. 2,686,783.
- Athey Products Corp.: *See*—
Kling, Robert W.
Kling, Robert W. 2,686,079.
- Athmann, Chrys C. 2,695,659, Cl. 157—124.
- Atkeson, Florian V.: *See*—
Black, Lloyd V., and Atkeson. 2,697,676.
- Atkin, Audley T. 2,689,423, Cl. 40—140.
- Atkins, Bernard R.: *See*—
Greaves, Charles D., and Atkins.
- Atkins, Carl E., to Tung-Sol Electric Inc. 2,682,624, Cl. 317—130.
- Atkins, Earle R.: *See*—
Ennis, William W. 2,696,261.
- Atkins, John N., Jr.: *See*—
Uhrig, Leo V., and Atkins. 2,689,144.
- Atkins, Leland T.: *See*—
Voge, Hervey H., and Atkins. 2,680,752.
- Atkins, Norman M.: *See*—
Young, De Walt S., and Atkins. 2,675,931.
- Atkinson, Albert E. 2,680,488, Cl. 166—4.
- Atkinson, Albert E. 2,687,178, Cl. 166—173.
- Atkinson, Allen S.: *See*—
Russ, Daniel G. 2,693,081.
- Atkinson, Fred M., to Atkinson Milling Co. 2,694,496, Cl. 214—17.
- Atkinson, John F., and S. Lubin, to Sprague Electric Co. 2,685,684, Cl. 340—256.
- Atkinson, John F., H. W. Kelley, and J. M. McCutchen, to Sprague Electric Co. 2,695,991, Cl. 340—163.
- Atkinson, Linwood H. 2,678,077, Cl. 152—428.
- Atkinson Milling Co.: *See*—
Atkinson, Fred M. 2,694,496.
- Atkinson, Ralph W., Westfield, N. J., and M. H. McGrath, assignors to General Cable Corporation, New York, N. Y. Oil-impregnated electric power cable with flow-limiting tapes. 2,665,328, Jan. 5.
- Atkinson, Ralph W., and O. G. Garner, assignors to General Cable Corporation. 2,678,863, Cl. 312—31.
- Atkinson, Robert G., to Phillips Petroleum Co. 2,683,972, Cl. 62—122.
- Atkomatic Valve Co., Inc.: *See*—
Hall, Earnest A. 2,694,544.
- Atkron, Inc.: *See*—
Copping, Brian. 2,696,927.
- Atlanta Paper Co.: *See*—
Forrer, Homer W.
Forrer, Homer W. 2,685,999.
Forrer, Homer W. 2,686,003.
Forrer, Homer W. 2,688,421.
Forrer, Homer W. 2,691,471.
- Atlantic Carton Corp.: *See*—
Whitehead, Earl B. 2,682,949.
- Atlantic Development Company, Inc., assignee: *See*—
De Lancey, Warren H.
- Atlantic Gummed Paper Corp.: *See*—
Warshaw, Nathan. 2,684,316.
- Atlantic Plastics, Inc., assignee: *See*—
Benoit, Joseph E., and Sanford.
- Atlantic Products Corp.: *See*—
Cart, Francis G. 2,684,135.

- Atlantic Refining Co., The: *See*
 Billhartz, Harrell L., and Greenwell.
 Billhartz, Harrell L., and Greenwell. 2,674,756.
 Clarke, Edgar W. 2,684,324.
 Clarke, Edgar W. 2,689,173.
 Clarke, Edgar W. 2,689,205.
 Clarke, Edgar W. 2,689,206.
 Davis, Louis F. 2,680,408.
 Dunlap, Henry F., and Ramser.
 Ford, Adrian G. 2,685,874.
 Hersberger, Arthur B., and Reid. 2,698,280.
 Howe, Spencer D. 2,696,972.
 Keenan, Vincent J. 2,686,201.
 Keenan, Vincent J., and Gozlow.
 Martin, John L. 2,694,461.
 Woods, John P. 2,678,107.
- Atlas Imperial Diesel Engine Co., assignee: *See*—
 Laxo, Ed.
- Atlas Mineral Products Co. of Pennsylvania: *See*—
 Seymour, Raymond B. 2,690,411.
 Seymour, Raymond B., and Desch.
 Seymour, Raymond B., and Pascoe. 2,675,365.
 Seymour, Raymond B., Steiner, and Desch. 2,689,237.
- Atlas Powder Co.: *See*—
 Barker, George E.
 Brandner, John D. 2,697,046.
 Brandner, John D., and Hunter. 2,687,970.
 Brandner, John D., and Hunter. 2,687,971.
 Carter, Phyllis J. 2,674,534.
 Cross, Sherwood T.
 Cross, Sherwood T. 2,684,948.
 Cross, Sherwood T. 2,690,978.
 Griffin, William C.
 Griffin, William C. 2,694,021.
 Griffin, William C., and Behrens.
 Hales, Ralph A. 2,692,879.
 Harvey, James L. 2,690,444.
 Harvey, James L. 2,691,026.
 Huyett, Daniel D. 2,693,634.
 Jefferson, George D., and Fine.
 Jefferson, George D., and Fine. 2,690,426.
 Jefferson, George D., and Riley. 2,695,270.
 Kass, Peter. 2,698,255.
 Reinhart, Walter L. 2,674,526.
 Riley, Allen V., Jr., and Fine. 2,683,101.
- Atlas Press Co.: *See*—
 Van Dam, Walter L. 2,690,084.
- Atlas Products (Overseas) Ltd.: *See*—
 Lea, Watson D. 2,683,297.
- Atlee, Zed J., assignor to Dunlee Corporation, Chicago, Ill.
 Electrode structure for X-ray tubes. 2,671,867, Mar. 9.
- Atlee, Zed J., to Dunlee Corp. 2,686,884, Cl. 313—57.
- Atmotrol Corporation, assignee: *See*—
 Snavely, Harold L.
- Atomic Energy of Canada Limited, assignee: *See*—
 Green, Donald T., and McCole. 2,675,486.
- Attapulgis Minerals and Chemicals Corporation, assignee: *See*—
 Buffett, John B.
 Duke, James B., and Houston. 2,676,705.
 Houston, Wesley M.
- Atteberry, Newton L., Mendon, Mo. Combine platform
 having rotary cutting means. 2,666,287, Jan. 19.
- Atteberry, Robert W.: *See*—
 Lefforge, John W., and Atteberry. 2,690,377.
- Attebery, Eugene L.: *See*—
 Bintliff, Chester D., and Attebery.
- Atti, Ralph J. 2,694,535, Cl. 242—155.
- Attias, Isidor, Long Beach, N. Y. Double bobby pin.
 2,664,899, Jan. 5.
- Attias, Isidor, Long Beach, N. Y. Silent toggle switch.
 2,671,150, Mar. 2.
- Atticks, John K.: *See*—
 Newell, Isaac L., and Atticks. 2,683,697.
- Attig, John B., Bridgeport, Conn. Gauge. 2,666,265,
 Jan. 19.
- Attinger, Alvin J.: *See*—
 Schmitt, Joy E., and Attinger.
- Atton, Robert A. 2,693,049, Cl. 43—44.9.
- Attura, George M.: *See*—
 Shannon, William W., Redemske, and Attura.
 2,689,319.
- Attura, George M., to Servomechanisms, Inc. 2,687,503,
 Cl. 318—28.
- Attwood, Charles E., assignor to Acme Visible Records,
 Inc., Chicago, Ill. Cabinet construction. 2,671,003,
 Mar. 2.
- Attwood, Charles W. 2,674,431, Cl. 248—243.
- Attwood, Charles W. 2,696,139, Cl. 85—32.
- Attwood, John G.: *See*—
 Peterson, Albert C., and Attwood. 2,684,652.
 Wallenberg, Ned L., and Attwood. 2,678,013.
- Attwood, John G., to Union Special Machine Co. 2,694,375,
 Cl. 112—260.
- Atwell, Harold V., assignor to The Texas Company.
 2,680,065, Cl. 48—202.
- Atwell, Harold V., assignor to The Texas Company.
 2,680,126, Cl. 260—449.6.
- Atwell, Harold V., to The Texas Co. 2,681,852, Cl.
 48—206.
- Atwell, Henry G., Lake Villa, Ill. Ball catching and indi-
 cating device. 2,668,715, Feb. 9.
- Atwood, George E., to International Minerals & Chemical
 Corp. 2,689,649, Cl. 209—166.
- Atwood, George E., and D. J. Bourne, to Duval Sulphur &
 Potash Co. 2,696,912, Cl. 209—166.
- Atwood, Harry G., and J. F. Marshall. 2,694,641, Cl.
 99—78.
- Atwood, James L. 2,681,130, Cl. 198—21.
- Atwood, John B., Riverhead, N. Y., assignor to Radio Cor-
 poration of America. Frequency control system.
 2,667,579, Jan. 26.
- Atwood, John B., assignor to Radio Corporation of
 America. 2,678,385, Cl. 250—20.
- Atwood, John B., to Radio Corp. of America. 2,691,097,
 Cl. 250—20.
- Atwood, John G., assignor to The Perkin-Elmer Corpora-
 tion. 2,679,184, Cl. 88—14.
- Atwood, John G., assignor to The Perkin-Elmer Corpora-
 tion. 2,679,185, Cl. 88—14.
- Atwood, John S., to National Petro-Chemicals Corp.
 2,683,731, Cl. 260—460.
- Atwood, John S., to National Petro-Chemicals Corp.
 2,683,732, Cl. 260—460.
- Atwood, Laurence M. 2,682,725, Cl. 41—24.
- Atwood, Lyle C.: *See*—
 Johnson, Agnar, Atwood, and Kush. 2,694,828.
- Atwood, Lyle C., and A. Johnson, assignors to Atwood
 Vacuum Machine Company. 2,675,578, Cl. 16—85.
- Atwood, Lyle C., and A. Johnson, to Atwood Vacuum Ma-
 chine Co. 2,685,452, Cl. 280—301.
- Atwood Vacuum Machine Co.: *See*—
 Atwood, Lyle C., and Johnson. 2,675,578.
 Atwood, Lyle C., and Johnson. 2,685,452.
 Johnson, Agnar, Atwood, and Kush. 2,694,828.
 Johnson, Agnar, and Ring. 2,682,912.
 Lustig, Walter R.
 Squire, Alexander C. A. 2,688,764.
- Aubert, Fred B. 2,680,479, Cl. 158—91.
- Aubert, Fer, and E. B. Knott, to Eastman Kodak Co.
 2,692,829, Cl. 95—7.
- Aubrey, Bryan J. 2,677,927, Cl. 56—249.
- Aubrey, William H., to Frick Co. 2,687,623, Cl. 62—107.
- Auburn Fishhook Co., Inc.: *See*—
 Corbett, Herbert A. 2,688,790.
- De Witt, William J., and Corbett.
- Auburn Machine Works, Inc., assignee: *See*—
 McNinch, Glenn W.
- Auchterlonie, Alexander J. 2,681,866, Cl. 117—10.
- Audemar, Pierre, Villesnes, assignor, by mesne assign-
 ments, to O. Marine, Paris, France. Packing device.
 2,666,659, Jan. 19.
- Audio Devices, Inc.: *See*—
 Hanley, John A. 2,692,736.
- Speed, William C., and Dwyer. Re. 23,875.
- Audubert, René, and C. Calmar, Paris, France. Prepara-
 tion of depolarizers for electric cells. 2,670,395, Feb. 23.
- Auer, Laszlo. 2,681,322, Cl. 260—7.5.
- Auer Register Co., The: *See*—
 Brumbaugh, Robert E. 2,697,977.
- Auerbach, Albert A.: *See*—
 Eckert, John P., Jr., and Auerbach. 2,687,473.
- Auerbach, Dora. 2,686,917, Cl. 2—172.
- Auerbach, Philip R.: *See*—
 Auerbach, Zemach. 2,680,905.
- Auerbach, Zemach. 2,683,929.
- Auerbach, Zemach, New York, N. Y. Dispenser for safety
 razor blades. 2,665,802, Jan. 12.
- Auerbach, Zemach, assignor to The Gillette Company.
 2,675,909, Cl. 206—16.
- Auerbach, Zemach, deceased; P. R. Auerbach, admini-
 strator. 2,680,905, Cl. 30—40.
- Auerbach, Zemach, deceased; P. R. Auerbach, administra-
 tor. 2,683,929, Cl. 30—74.1.
- Auerbacher, George N., and J. R. Caulfield, to Champlain
 Co., Inc. 2,690,121, Cl. 101—181.
- Auerbacher, Werner F., Bronx, and S. Napolin, Williston
 Park, assignors to Pilot Radio Corporation, Long Island
 City, N. Y. Tuning device for signal receivers.
 2,667,581, Jan. 26.
- Auffret, Jean, R. Etlin, and P. Favre, Paris, France.
 Clip-actuated fountain pen self-filling device. 2,672,128,
 Mar. 16.
- Augenblick, Harry A., Jr.: *See*—
 Sichak, William, and Augenblick. 2,697,209.
- Augenstein, Karl C., to Speidel Corp. 2,686,622, Cl.
 224—4.
- Augenstein, William C., assignor to Doray Lamp Co., Inc.
 2,676,218, Cl. 200—61.36.
- Auger, Harold. 2,684,640, Cl. 104—48.
- Auger, Harold. 2,685,260, Cl. 104—162.
- Auger, Harold. 2,685,377, Cl. 214—16.1.
- Augier, Vicente F. R., Holguin, Cuba. Table baseball
 game. 2,672,343, Mar. 16.
- Augustadt, Herbert W., Westfield, and W. F. Kannenberg,
 Gillette, N. J., assignors to Bell Telephone Laboratories,
 Incorporated, New York, N. Y. Automatic volume con-
 trol. 2,668,874, Feb. 9.
- Augustin, Harold O., Lincoln, Nebr., assignor, by mesne
 assignments, to The Goodyear Tire & Rubber Company.
 Making V-belts. 2,669,280, Feb. 16.
- Augustin, Jean, to Societe Anonyme des Terres Decol-
 orantes Francaises Franterre. 2,689,841, Cl. 260—41.5.
- Augustin, Mildred. 2,685,740, Cl. 33—12.
- Augustine, Frederick B., Jefferson, N. J., assignor to
 Socony-Vacuum Oil Company, Incorporated. Diesters
 of dithiophosphoric acids and terpenes. 2,665,295,
 Jan. 5.

- Auhagen, Ernst: *See*—
Hiltmann, Rudolf, Auhagen, and Bauer. 2,676,173.
Aukers, Albert J., to Victor Mfg. & Gasket Co. 2,681,241, Cl. 288—21.
Aulen, Walter E., assignor to Eddystone Machinery Company. 2,676,764, Cl. 242—56.
Aulenbach, Richard J. 2,688,828, Cl. 51—220.
Ault, James R., and C. P. Jenkins, to Joy Mfg. Co. 2,698,128, Cl. 230—117.
Auman, Irwin. 2,697,844, Cl. 12—12.
Aumüller, Walter: *See*—
Ehrhart, Gustav, Ruschig, and Aumüller. 2,681,340.
Ehrhart, Gustav, Ruschig, Stein, and Aumüller. 2,697,095.
Auphan, Michel, to Societe Generale d'Electronique. 2,681,423, Cl. 315—3.
Aurbach, Kurt, assignor to Anker-Werke, A. G. 2,678,601, Cl. 101—96.
Aurbach, Kurt, to Anker-Werke A. G. 2,690,710, Cl. 101—91.
Aurbach, Kurt, to Anker-Werke, A. G. 2,690,872, Cl. 235—130.
Aurora Equipment Company, assignee: *See*—
Sitler, Richard W. 2,675,287.
Aurynger, John J., Baker, Calif. Gang paper clip. 2,665,463, Jan. 12.
Aust, Robert J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spiral tuner. 2,666,906, Jan. 19.
Austermiller, Donald J. 2,687,307, Cl. 275—8.
Austerweil, Geza V.: *See*—
Delmoussé, Georges, Austerweil, Lemoussu and Poupinel.
Austin, Bascum O., and R. D. Jessee, Lima, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric power system for aircraft. 2,666,871, Jan. 19.
Austin, Bascum O., R. D. Jessee, and C. A. Stump, Jr., Lima, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric power system for aircraft. 2,666,872, Jan. 19.
Austin, Bascum O., and R. H. Herman, to Westinghouse Electric Corp. 2,683,838, Cl. 317—37.
Austin, Bascum O., and G. R. Douglas, to Westinghouse Electric Corp. 2,694,173, Cl. 322—28.
Austin, Benjamin L.: *See*—
Baker, John R., and Austin. 2,695,068.
Austin, Donald H. 2,679,092, Cl. 29—290.
Austin, Hoy, and Company Limited, assignee: *See*—
Proctor, Sidney E. 2,675,219.
Austin, James M. 2,679,685, Cl. 30—40.
Austin, James M. 2,697,276, Cl. 30—40.
Austin, John L., assignor to Jet-Guns Co., Inc. 2,680,406, Cl. 102—20.
Austin, John R. 2,696,314, Cl. 214—140.
Austin, Merritt B., Jr., Deerfield, Ill. Lamp holder for reflector-type outdoor lamps. 2,668,901, Feb. 9.
Austin, Merritt B., Jr., to Stone Mfg. Co. 2,688,073, Cl. 240—11.2.
Austin Motor Company Limited, The, assignee: *See*—
Ellcock, Arthur W.
Weaving, John H., and Payne.
Autem, Fred, assignor to Textile Machine Works. 2,679,358, Cl. 235—131.
Auten, Robert W.: *See*—
Yost, Robert S., and Auten. 2,696,504.
Autenrieth, Ferdinand, assignor to C. F. Mueller Company. 2,676,693, Cl. 198—27.
Autenrieth, Ferdinand, and C. F. Riedl, assignors to C. F. Mueller Company. 2,675,120, Cl. 198—37.
Authorite Corp., The: *See*—
Mason, Walker, and Biello. 2,693,146.
Autie, Edward G.: *See*—
Moritz, March R., and Autie. 2,690,495.
Autocrat Inc., assignee: *See*—
Poorman, Robert F., Chakiris, and Kemp. 2,679,643.
Auto Cruz Corporation, assignee: *See*—
Robnett, E. V., Jr.
Autogiro Co. of America: *See*—
Campbell, Harris S.
Pullin, Cyril G. 2,698,059.
Pullin, Cyril G., and Shapiro.
Pullin, Cyril G., and Shapiro. 2,674,327.
Pullin, Cyril G., and Watson. 2,692,650.
Shapiro, Jacob S., and Watson. 2,686,019.
Auto Lamp Mfg. Co.: *See*—
Peters, Ernest. 2,691,744.
Automatic Bending Co.: *See*—
Ogborn, James R., and Sundstrom. 2,685,460.
Automatic Canteen Co. of America: *See*—
Thompson, Ernest H. 2,685,393.
Automatic Devices Corp.: *See*—
Youhouse, Joseph. 2,694,134.
Automatic Devices, Incorporated, assignee: *See*—
Del Grosso, Gerard. 2,674,476.
Automatic Electric Laboratories, Inc.: *See*—
Bakker Pier.
Balzer, Harvey W. 2,697,134.
Bartelink, Everhard H. B.
Bieg, John H.
Burgener, Karl L. 2,697,139.
Coulombe, Edwin C., Jr. 2,691,692.
Dimmer, Robert P. 2,684,436.
Dimmer, Robert P. 2,693,526.
Automatic Electric Laboratories, Inc.: *See*—Continued.
Gallagher, Ray J. 2,674,655.
Gallagher, Ray J., and Cassidy. 2,687,793.
Grandstaff, Otho D.
Grandstaff, Otho D. 2,680,784.
Graybill, Kenneth W., and Sengebusch. 2,680,783.
Hadfield, Bertram M. 2,693,536.
Henrikson, Oscar W.
Johnston, Leith, and Coulombe. 2,691,342.
Jones, Roy W. 2,695,335.
Lomax, Clarence E.
Lomax, Clarence E. 2,678,969.
Lomax, Clarence E. 2,680,780.
Lomax, Clarence E. 2,697,133.
Lomax, Clarence E., and Herrick. 2,684,406.
MacDonald, Duncan N.
MacDonald, Duncan N. 2,677,031.
McCreary, Harold J. 2,674,734.
McCreary, Harold J. 2,677,079.
Molnar, Imre.
Molnar, Imre. 2,680,155.
Molnar, Imre. 2,682,019.
Molnar, Imre. 2,682,044.
Molnar, Imre. 2,692,378.
Ostline, John E. 2,674,656.
Ostline, John E. 2,678,353.
Peterson, Edward S. Re. 23,855.
Pye, Harold C.
Ridd, John M. 2,693,507.
Sands, Roy G. 2,695,377.
Sengebusch, Hans.
Sengebusch, Hans. 2,677,017.
Sengebusch, Hans. 2,681,961.
Sengebusch, Hans. 2,684,408.
Sengebusch, Hans. 2,695,336.
Steblik, Rudolph F.
Swartz, Edward L. 2,690,479.
Vaniman, Robert S. 2,692,308.
Voss, John H.
Wicks, John. 2,678,356.
Automatic Folding Machine Co.: *See*—
Westwood, Carridon G. 2,687,832.
Automatic Manufacturing Corporation, assignee: *See*—
Friberg, Vincent P. 2,675,526.
Ketcham, Lyman G.
Automatic Parking Devices, Inc.: *See*—
Nutter, Hugh G. 2,687,588.
Automatic Pump & Softener Corp.: *See*—
Riche, Arthur L. 2,695,626.
Steiner, Frank J. 2,679,376.
Automatic Roll Machine Company, Inc., assignee: *See*—
Budny, Bernard S.
Automatic Shifters, Inc.: *See*—
Ayers, David T., Jr. 2,696,981.
Hill, Edward G., and Ingres. 2,680,349.
Automatic Steel Products, Inc.: *See*—
Wickwire, Arthur M., Williams, and Killian. 2,685,856.
Automatic Telephone & Electric Co. Ltd.: *See*—
Baker, George T., and Davison.
Beale, Charles E., and Hopley.
Graves, Albert E. 2,692,302.
Davison, Alan, and Pearce. 2,677,768.
Davison, Alan, and Robinson. 2,681,386.
Smith, Sidney R., and Rhodes.
Travers, Walter A., and Butler.
Williams, Merrel O. 2,685,680.
Automatic Temperature Control Co., Inc.: *See*—
MacGeorge, William D.
MacGeorge, William D. 2,684,203.
Ross, Donald H. 2,690,800.
Automatic Tow Bar Company, Inc., assignee: *See*—
Gross, Arthur R.
Automatic Washer Company, assignee: *See*—
Emmert, Clayton F.
Automatic X-Ray Corp., assignee: *See*—
Roop, Harold D. 2,679,317.
Automotive Design Company, assignee: *See*—
Kamm, Wunibald I. E.
Automotive Products Co. Ltd.: *See*—
Bradbury, Frederick J. 2,695,088.
Automotive Rubber Co., Inc.: *See*—
Redmond, Robert L. 2,684,400.
Automotive Safety Device Co., The: *See*—
Becker, Albert W. 2,690,094.
Auton, Claud C., Maiden, N. C., assignor, by mesne assignments, to Textile Trimming and Boarding Machine Company, Reading, Pa. Internal circular clipping and inspection device for hosiery. 2,669,765, Feb. 23.
Autopoint Company, assignee: *See*—
Krause, Richard S., and Seibert.
Auto Research Corp.: *See*—
Kocher, Edward H. 2,683,503.
Kocher, Edward H. 2,697,493.
Thomas, Thomas R. 2,691,428.
Auto-Soler Co., The: *See*—
Wright, John G., Toney, Watkins, Sudan, and Maxwell. 2,684,490.
Auto Specialties Mfg. Co.: *See*—
Lucker, Millard B.
Lucker, Millard B. 2,695,768.
Autotrac Ltd.: *See*—
McKechnie, Alexander K. 2,694,889.

- Auto Tyre Services Limited, assignee: *See*—
Kent, Jan H. F. 2,675,582.
- Autoyre Co., The: *See*—
Lewis, Arthur J. 2,694,323.
- Autoyre Co., Inc., The: *See*—
Sanford, Roy S. 2,681,172.
- Auvil, Carroll K. 2,684,472, Cl. 340—171.
- Auwärter, Max, assignor to Dr. Alois Vogt. 2,677,714, Cl. 136—89.
- Auwärter, Max, assignor to Dr. Alois Vogt. 2,677,715, Cl. 136—89.
- Auyer, Earl L., to General Electric Co. 2,685,429, Cl. 253—39.1.
- Auzin, John M., Warwick, R. I. Squeezable pop-out action toy. 2,668,394, Feb. 9.
- Avco, Inc., assignee: *See*—
Stevenson, Robert. 2,676,612.
- Avco Mfg. Corp.: *See*—
Ajero, Fortunato S.
Altemose, Arthur L. 2,678,402.
Baker, Gerald T. 2,675,933.
Baylor, Arthur D. 2,678,415.
Bussard, Emmery J. H.
Bussard, Emmery J. H. 2,694,150.
Gunyou, Lyman J. 2,684,563.
Hill, George B.
Holst, Paul F. G. 2,694,161.
Jansen, Robert A. 2,694,235.
Jones, John P., Haverstock, and Scott. 2,680,366.
Juzwiak, Edmond A., and Ajero. 2,678,145.
Kamp, John F. 2,679,850.
Metz, Paul F.
Myers, William H., and Reynolds. 2,677,346.
Nave, Alfred E., and Jansen. 2,686,703.
Reid, John D. 2,686,679.
Reid, John D. 2,692,943.
Schwarz, Hans G.
Stelzer, Alphonse C.
Strathearn, Donald M., and Allen. 2,680,448.
Tice, Bruce K. 2,690,114.
Vutz, Wilhelm. 2,688,880.
Wiegman, Clarence H., King, Carpenter, and Aldrich. 2,678,037.
- Avedikian, Souren Z. 2,691,593, Cl. 106—5.
- Avera, Fitzhugh L. 2,688,554, Cl. 99—128.
- Averill, Charles C., assignor to Union Steel Products Company. 2,678,787, Cl. 248—120.
- Averill, Charles C., assignor to Union Steel Products Company. 2,680,587, Cl. 248—120.
- Averill, Charles C., to Union Steel Products Co. 2,681,744, Cl. 220—7.
- Averill, Charles C., to Union Steel Products Co. 2,695,724, Cl. 220—7.
- Averill-Lehmann Co.: *See*—
Lehmann, Sears, Jr. 2,691,365.
- Aversa, Ralph. 2,682,688, Cl. 20—48.
- Aversten, Karl J., assignor to Svenska Aktiebolaget Gasaccumulator, Lidings, Sweden. Arrangement for measuring electric energy in short duration time intervals. 2,669,638, Feb. 16.
- Aversten, Karl J., assignor to Svenska Aktiebolaget Gasaccumulator. 2,680,796, Cl. 219—4.
- Avery, Burton A.: *See*—
Boyd, Winnett, Avery, and Laviolette. 2,689,682.
- Avery, Clarence L., and F. J. Zircher, to Woodward Governor Co. 2,681,660, Cl. 137—25.
- Avery, Clyde E., Pasadena, Calif. Bit. 2,673,716, Mar. 30.
- Avery, Douglas W. 2,695,255, Cl. 154—82.
- Avery, Edward L., Miami, Fla. Concrete form clamp and anchor holder. 2,670,773, Mar. 2.
- Avery-Hardoll Ltd.: *See*—
Fraser, John.
Fraser, John. 2,675,939.
Fraser, John. 2,681,073.
Fraser, John. 2,697,418.
- Avery, Harold T., Oakland, Calif., assignor to Marchant Calculators, Inc. Binary-octal-decimal computer calculating machine. 2,665,070, Jan. 5.
- Avery, Harold T., to Marchant Calculators, Inc. 2,689,085, Cl. 235—79.
- Avery, Leon M., assignor to Crouse-Hinds Company, Syracuse, N. Y. Resiliently mounted lamp receptacle. 2,668,278, Feb. 2.
- Avery, Robert C., assignor to Bell Telephone Laboratories, Incorporated. 2,680,781, Cl. 179—18.
- Avery, Robert T., Oakland, Calif., assignor to United States of America as represented by the United States Atomic Energy Commission. Rapid operation air lock for closed vessels. 2,666,539, Jan. 19.
- Avery, Robert W., Clifton Heights, Pa., assignor to Burroughs Adding Machine Company. Amplifier system utilizing saturable magnetic elements. 2,673,337, Mar. 23.
- Avery, Steven B., East Orange, N. J., assignor of one-half to L. J. Clark. Cement composition. 2,672,424, Mar. 16.
- Avila, Abelardo G., York, Pa., assignor to Read Standard Corporation. Dough panning machine. 2,670,888, Mar. 2.
- Avila, Charles F. 2,682,211, Cl. 94—35.
- Aviles, Harvey N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for testing springs. 2,671,210, Mar. 2.
- Avins, Jack, to Radio Corp. of America. 2,681,948, Cl. 178—7.3.
- Avins, Jack, to Radio Corp. of America. 2,685,673, Cl. 324—72.5.
- Avins, Jack, to Radio Corp. of America. 2,686,221, Cl. 178—5.8.
- Avion Instrument Corp.: *See*—
Schwartz, Joseph. 2,695,967.
- Avrigan, Harry, Jr. 2,692,327, Cl. 219—19.
- Axelrad, Irving R., to Westinghouse Electric Corp. 2,683,875, Cl. 29—149.5.
- Axeman, James E.: *See*—
Anderson, William S.
Anderson, William S. 2,682,237.
- Axford, Anthony J.: *See*—
Kendall, John D., Duffin, and Axford. 2,688,024.
- Axson, Mona L., San Diego, Calif. Shoulder protector, strap holder, and shoulder pad. 2,671,223, Mar. 9.
- Axtell, Willard G., assignor to Shwayder Bros., Inc., Denver, Colo. Luggage handle. 2,673,630, Mar. 30.
- Axtell, Willard G., assignor to Shwayder Bros., Inc., Denver, Colo. Latch mechanism for partitions of luggage cases. 2,673,756, Mar. 30.
- Aycock, Elsie J. 2,690,044, Cl. 56—328.
- Aydlett, Guy D.: *See*—
Yutzy, Henry C., and Aydlett.
- Ayers, Carl P. 2,693,730, Cl. 81—130.
- Ayers, David T., Jr., to Automatic Shifters, Inc. 2,696,981, Cl. 268—19.
- Ayers, Edgar H., to the United States of America as represented by the Secretary of the Air Force. 2,694,406, Cl. 137—108.
- Ayers, George W., Chicago, M. J. Geerts, Evanston, and R. E. Chandler, Algonquin, assignors to The Pure Oil Company, Chicago, Ill. Preventing the development of sourness in certain petroleum liquids during distillation. 2,670,319, Feb. 23.
- Ayers, George W., and W. J. Sandner, assignors to The Pure Oil Company. 2,679,471, Cl. 196—147.
- Aylor, Elmo E. 2,675,199, Cl. 244—154.
- Ayres, Elwyn C., Pasadena, Tex., assignor to Phillips Petroleum Company. Operation of an evaporative crystallization apparatus. 2,671,716, Mar. 9.
- Ayres, Gilbert B.: *See*—
Powers, Carl A., and Ayres. 2,694,487.
- Ayres, John E., assignor, by mesne assignments, to Oil Equipment Laboratories, Incorporated, Elizabeth, N. J. Pressurized container valve. 2,667,993, Feb. 2.
- Ayres, John E., assignor, by mesne assignments, to Oil Equipment Laboratories, Incorporated, Elizabeth, N. J. Multipurpose pressurized container valve. 2,670,106, Feb. 23.
- Ayres, Russell W., and D. F. Swanson, to Seeger Refrigerator Co. 2,682,155, Cl. 62—3.
- Ayres, Waldemar A., assignor to White Sewing Machine Corporation. 2,678,012, Cl. 112—251.
- Ayres, Waldemar A. 2,689,502, Cl. 88—24.
- Ayres, William R., assignor to Radio Corporation of America. 2,676,253, Cl. 250—27.
- Ayres, William R., and D. W. Martin, to Radio Corp. of America. 2,686,270, Cl. 307—89.
- Ayers, Woodrow W., and O. K. Thompson. 2,676,543, Cl. 102—25.
- Azbe Corp.: *See*—
Azbe, Victor J. 2,694,000.
- Azbe, Victor J., to Azbe Corp. 2,694,000, Cl. 23—287.
- Azoplate Corp.: *See*—
Neugebauer, Wilhelm. 2,687,958.
Neugebauer, Wilhelm, and Barthenheier.
Neugebauer, Wilhelm, Rebenstock, and Scherer. 2,692,826.
Neugebauer, Wilhelm, and Tomanek. 2,696,435.
- B. B. Chemical Co.: *See*—
Perkins, John L., and Sylvester. 2,685,572.
Seymour, Malcolm. 2,681,877.
Urban, Stephen E., Morris, and Johnson. 2,677,635.
- B. & G. Mfg. Co.: *See*—
Keebler, Paul T. 2,691,803.
- B-I-F Industries, Inc., assignee: *See*—
Cary, Francis H.
- B. J. Service Inc.: *See*—
Box, William T., and Moody. 2,695,665.
- B & P Farm Tool Co.: *See*—
Begeman, Robert G., and Powell. 2,689,511.
- B and W Inc.: *See*—
Wright, Kenneth A. 2,693,859.
- Baade, Alma R. 2,685,441, Cl. 265—63.
- Baade, Alma R. 2,697,020, Cl. 312—28.
- Baade, Henry: *See*—
Quartullo, Orpheus F., and Baade. 2,694,982.
- Baader, Rudolf, Lubeck, Germany. Apparatus for cutting fish. 2,669,746, Feb. 23.
- Baader, Rudolf. 2,683,893, Cl. 17—3.
- Baader, Rudolf, deceased; R. Fabrig, executor, to Nordischer Maschinenbau Rudolf Baader. 2,693,872, Cl. 198—33.
- Baak, Albert E., to Minneapolis-Honeywell Regulator Co. Re. 23,913, Cl. 98—1.5.
- Baak, Albert E., Pacific Palisades, assignor to P. Henry, Los Angeles, Calif. Snap-action thermostatic switch. 2,668,889, Feb. 9.

- Baush-Ross Tool Co.: *See*—
Johnson, Glenn D. 2,681,794.
- Babbitt, Bernard R., and C. B. Kunz, to Manganese Chemicals Corp. 2,690,431, Cl. 252—182.
- Babbitt, Bethel J., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding apparatus. 2,668,985, Feb. 16.
- Babbitt, Bethel J., D. Kulie, and W. J. Scott, to Western Electric Co., Inc. 2,696,167, Cl. 101—126.
- Babbitt, John F., to A. B. Moat. 2,681,555, Cl. 67—23.
- Babbitt, Raymond J. 2,681,625, Cl. 107—47.
- Babbs, Cyrus H., to Pye Ltd. 2,694,352, Cl. 95—45.
- Babcock, Maurice P. 2,684,197, Cl. 232—35.
- Babcock, Vearne C., Deland, Fla., assignor to Kattu Project, Inc., Forest Hills, N. Y. Boat hull. 2,666,406, Jan. 19.
- Babcock & Wilcox Co. The: *See*—
Allardt, Ernst W.
Anderson, Clarence E. 2,694,278.
Andrew, James D., Jr., and Rowand. 2,681,641.
Bailey, Ervin G., and Hardgrove. 2,688,942.
Bailey, Ervin G., and Hardgrove. 2,691,455.
Bailey, Ervin G., and Hardgrove. 2,696,511.
Baver, Clyde B. 2,683,590.
Baver, Clyde B. 2,688,466.
Beute, George W. 2,687,708.
Carpenter, Otis R. 2,697,770.
Carpenter, Otis R., and Fesler. 2,684,426.
Davy, Christopher H. 2,688,315.
Durham, Edwin, and Schoessow. 2,682,861.
Franceschina, Louis E., Jr.
Harter, Isaac, Jr. 2,682,691.
Harter, Isaac, and Norton. 2,674,539.
Hauck, Edwin J. 2,686,500.
Jones, Maurice F. 2,686,823.
King, Walter C., and Leach.
Kooistra, Lambert. 2,680,652.
Kooistra, Lambert F. 2,678,224.
Leach, Lester L. 2,692,642.
Lloyd, Russell G. 2,697,420.
Loughin, Paul R., Brister, and Woolley.
Marquez, Charles L., Jr. 2,693,173.
Marquez, Charles L., Jr. 2,694,991.
Marshell, Walter G., and McKenzie. 2,684,572.
Marshell, Walter G., and McKenzie. 2,684,574.
Marshell, Walter G., and Miller. 2,674,573.
Matthews, Eric J.
Musat, George, and Dueringer. 2,689,000.
Norton, Charles L., Jr., and Steever. 2,688,046.
Rivers, Heyward. 2,685,117.
Rowand, Will H., and Smith.
Silk, Philip B.
Sparks, Cedric H. 2,686,499.
Toth, John E., and Reed. 2,682,181.
Veron, Marcel.
Watts, George A. 2,697,508.
Wilson, Evan F., Grubb, and Fowler. 2,691,952.
- Babeau, Michel, to J. Hennique. 2,682,761, Cl. 66—4.
- Babee-Tenda License Corp.: *See*—
Puls, Alfred E. 2,683,482.
Puls, Alfred E., and Swenson.
- Babel, Paul V.: *See*—
Wilson, Lawrence A., Dayger, Babel, and Stanton. 2,690,222.
- Baber, Glen, to Industrial Machine and Tool Inc. 2,691,267, Cl. 59—7.
- Baber, Irvin R.: *See*—
Radford, Floyd F., and Baber. 2,687,312.
- Babernitsh, Joseph, Vaux Hall, N. J. Combined fuse tester and flashlight. 2,666,894, Jan. 19.
- Babicz, George, Chicago, Ill. Device for aligning feed of paper sheets in printing machines. 2,669,454, Feb. 16.
- Babinchak, Michael T., Warren, Ohio. Scraper attachment for disk harrows. 2,673,434, Mar. 30.
- Babinski, Stanley, assignee: *See*—
Flowers, Leon J., and Slagle.
- Bablon, Olive G. 2,675,004, Cl. 132—19.
- Babros, Joseph H., and J. Komada. 2,693,786, Cl. 119—17.
- Babson Bros. Co.: *See*—
Babson, Henry B., and Thomas. 2,676,743.
Merritt, Thomas W. 2,683,437.
Merritt, Thomas W., and Thomas. 2,674,979.
Merritt, Thomas W., and Thomas. 2,680,452.
Stampen, Jacob J.
Thomas, Chester A. 2,676,560.
Thomas, Chester A. 2,692,577.
- Babson, Henry B., and C. A. Thomas, assignors to Babson Bros. Co. 2,676,743, Cl. 226—116.
- Bac-A-Brand Products, Inc., assignee: *See*—
Ganz, Harry.
- Bacchi, Eugene A., San Francisco, Calif. Lapidary tool. 2,668,400, Feb. 9.
- Bacchieri, Albert J.: *See*—
Pennock, John C., and Bacchieri.
- Bach, John W., Port Chester, N. Y., assignor to Pitney-Bowes, Inc., Stamford, Conn. Envelope flap opening device. 2,668,053, Feb. 2.
- Bach, John W., Port Chester, N. Y., assignor to Pitney-Bowes, Inc., Stamford, Conn. Sheet feed control device. 2,670,954, Mar. 2.
- Bach, Walter H. 2,677,012, Cl. 178—7.4.
- Bachelder, Albert J., and W. J. McCune, Jr., to Polaroid Corp. 2,698,243, Cl. 95—88.
- Bachelet, Albert E., to Bell Telephone Laboratories, Inc. 2,694,801, Cl. 340—147.
- Bachelet, Albert E., and H. Pitlik, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sequential circuits. 2,666,195, Jan. 12.
- Bachelet, Albert E., and R. O. Soffel, to Bell Telephone Laboratories, Inc. 2,696,529, Cl. 179—170.8.
- Bacheller, D. Flavius. 2,690,278, Cl. 222—207.
- Bacher, Gottlob, to Robert Bosch G. m. b. H. 2,694,827, Cl. 15—250.
- Bachert, Arthur, assignee: *See*—
Fischer, Paul, and Schoen. 2,679,209.
- Bachi, Robert W.: *See*—
Soreng, Edgar M., and Bachi. 2,682,625.
Soreng, Edgar M., and Bachi. 2,692,964.
- Bachi, Robert W., to Soreng Products Corp. 2,692,965, Cl. 317—197.
- Bachman, Charles H. 2,677,069, Cl. 313—55.
- Bachman, Fred E., St. Louis, Mo., assignor to American Steel Foundries, Chicago, Ill. Brake head balancing device. 2,666,506, Jan. 19.
- Bachman, Fred E., to American Steel Foundries. 2,685,942, Cl. 188—33.
- Bachman, Fred E., to American Steel Foundries. 2,690,241, Cl. 188—205.
- Bachman, Fred E., to American Steel Foundries. 2,693,152, Cl. 105—197.
- Bachman, Fred E., and A. F. Seelig, Jr., to American Steel Foundries. 2,686,576, Cl. 188—245.
- Bachman, Fred E., and J. E. Klausner, to American Steel Foundries. 2,691,431, Cl. 188—58.
- Bachman, Fred E., and J. G. Spelman, Jr., to American Steel Foundries. 2,695,686, Cl. 188—153.
- Bachman, William J., assignor to Radio Corporation of America. 2,678,023, Cl. 118—270.
- Bachman, William S.: *See*—
Rhodes, Allen F., and Bachman.
- Bachman, William S., assignor to Columbia Broadcasting System, Inc. 2,676,806, Cl. 274—23.
- Bachmann, Jakob A., 1/4 to Flehr and Swain. 2,690,019, Cl. 34—35.
- Bachmann Uxbridge Worsted Corp.: *See*—
Andrews, John R., Jr. 2,679,086.
Andrews, John R., Jr. 2,689,515.
Andrews, John R., Jr., and Jacques. 2,689,382.
- Bachmann, Werner E., assignor to the United States of America as represented by the Secretary of War. 2,680,671, Cl. 23—103.
- Bachus, Benson F., Westchester, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Fourdrinier type machine for applying pulp insulation to wires. 2,666,370, Jan. 19.
- Bacino, Eigel J. 2,683,612, Cl. 280—154.5.
- Back, Laurel M. 2,676,503, Cl. 81—15.
- Back, Laurel M. 2,677,362, Cl. 125—37.
- Back, Leonard, assignor to The Interstate Folding Box Company, Middletown, Ohio. Transfer mechanism for sealing means. 2,668,708, Feb. 9.
- Back, Rose I., Phoenix, Ariz. Squaw skirt container and setting pleats in squaw skirts. 2,672,617, Mar. 23.
- Backe, John C. 2,674,175, Cl. 98—2.
- Backe, John C. 2,674,176, Cl. 98—2.
- Backensto, Elwood B.: *See*—
White, Ralph V., Landis, and Backensto. 2,686,713.
- Backer, Joachim, to Aero Zipp Fasteners Ltd. 2,683,911, Cl. 24—205.14.
- Backflow Engineering & Equipment Co.: *See*—
Snyder, Leonard L. 2,686,528.
- Backhefe G. m. b. H., assignee: *See*—
Schneider, Karl. 2,676,137.
Schneider, Karl. 2,680,689.
Schneider, Karl. 2,680,704.
Schneider, Karl. 2,680,705.
- Backhouse, Headley T.: *See*—
Tebbs, George W. 2,689,730.
- Backhouse, Headley T. 2,678,822, Cl. 271—56.
- Backhouse, Headley T. 2,685,446, Cl. 271—58.
- Backhouse, Headley T., and G. W. Tebbs, said Tebbs assignor to said Backhouse. 2,677,542, Cl. 271—8.
- Backley, John H., assignor to The Denver Chemical Manufacturing Company, New York, N. Y. Device for facilitating chemical testing. 2,671,715, Mar. 9.
- Backlin, Clarence R., Floral Park, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Thread control device for sewing machines. 2,670,704, Mar. 2.
- Backlin, Clarence R., Floral Park, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Rotary hook sewing machine. 2,671,420, Mar. 9.
- Backman, Fred, 40% to J. R. Johnson. 2,684,598, Cl. 74—230.17.
- Backman, Pete A.: *See*—
Bonander, Harold E., and Backman. 2,697,913.
- Backman, William O., Sacramento, and D. M. Redmon, Concord, Calif. In-line valve. 2,665,873, Jan. 12.
- Backmark, Nils E. G., and O. Sternbeck, assignors to Telefonaktiebolaget L. M. Ericsson. 2,679,610, Cl. 313—158.
- Backofen, E. Ryan, and W. Zorn, assignors to Clark Equipment Company. 2,678,743, Cl. 214—317.
- Backstay Welt Company, assignee: *See*—
Welch, Herman P.
- Backstrom, Robert G. 2,690,579, Cl. 15—167.

- Backstrom, Sigurd M., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Absorption refrigeration system of the inert gas type. 2,664,717, Jan. 5.
- Backstrom, Sigurd M., to Aktiebolaget Elektrolux. 2,690,058, Cl. 62—119.5.
- Backstrom, Sigurd M., to Aktiebolaget Elektrolux. 2,690,059, Cl. 62—119.5.
- Backus, Eldridge G., 2,688,310, Cl. 119—76.
- Bacus, John G., Los Angeles, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Mass separator. 2,667,582, Jan. 26.
- Backus, Thomas, assignor to Fuller Manufacturing Company, Kalamazoo, Mich. Fluid released clutch. 2,668,610, Feb. 9.
- Bacon, Clinton J., and S. J. Kent, assignors to Nu-Matic Nailer, Inc. 2,679,044, Cl. 1—44.4.
- Bacon, Elbridge F., Flint, assignor to General Motors Corporation, Detroit, Mich. Pressure gauge. 2,665,584, Jan. 12.
- Bacon, Henry M., to The Dayton Rubber Co. 2,698,032, Cl. 139—161.
- Bacon, John H., Wellesley, Mass. Bird cage whistle. 2,667,012, Jan. 26.
- Bacon, John H., Wellesley, Mass. Rotating toy. 2,673,087, Mar. 23.
- Bacon, John H. 2,697,298, Cl. 46—44.
- Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated. 2,676,199, Cl. 178—2.
- Bacon, Warren M., Cleveland Heights, assignor of one-half to O. P. Link, Cleveland, Ohio. Starting bit for rotary masonry bits. 2,673,717, Mar. 30.
- Bacque, Pierre J. 2,695,170, Cl. 268—42.
- Bacsik, George J.: See—
Wilson, Charles L., Dineen, and Bacsik. 2,692,129.
- Baddiley, James, and E. M. Thain, assignors to National Research Development Corporation. 2,676,976, Cl. 260—461.
- Baddour, Maurice F.: See—
Morton, George E., and Baddour.
- Bade, Alfred G., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Variable-speed transmission. 2,671,360, Mar. 9.
- Badeau, Carroll A., to The Thomas & Betts Co. 2,687,149, Cl. 140—113.
- Badenoch, Benjamin W., Los Angeles, Calif., assignor of one-half to McGraw Electric Company, Elgin, Ill. Cooking device for cooking batters. 2,666,380, Jan. 19.
- Badenoch, Benjamin W., 1/2 to McGraw Electric Co. 2,693,750, Cl. 99—329.
- Bader, Alfred R.: See—
Cummings, Lowell O., Vogel, and Bader. 2,693,476.
Cummings, Lowell O., Vogel, and Bader. 2,693,484.
- Bader, Alfred R., to Pittsburgh Plate Glass Co. 2,693,477, Cl. 260—397.2.
- Bader, Alfred R., to Pittsburgh Plate Glass Co. 2,693,478, Cl. 260—397.2.
- Bader, Gerald L., and G. J. Wohanka, assignors to Nordberg Manufacturing Company. 2,678,030, Cl. 123—27.
- Bader, J. Parker: See—
Carlson, George E., Bader, and Owen. 2,686,652.
- Bader, Walter A., Stockton, Calif. Artificial denture. 2,669,021, Feb. 16.
- Bader, William, to Wesson Multicut Co. 2,683,302, Cl. 29—96.
- Bader, William, to Wesson Multicut Co. 2,687,563, Cl. 29—97.
- Badertscher, Dana K.: See—
Toncray, Millard H., and Badertscher.
- Badertscher, Darwin E., A. W. Francis, and G. C. Johnson, to Socony-Vacuum Oil Co., Inc. 2,688,645, Cl. 260—674.
- Badger, Alfred E., W. R. Kowalka, and J. A. Woods, to Libbey-Owens-Ford Glass Co. 2,688,824, Cl. 49—79.
- Badger, Algernon S., Houston, Tex., assignor, by mesne assignments to Standard Oil Development Company, Elizabeth, N. J. Pressure indicating device. 2,669,213, Feb. 16.
- Badger, Algernon S., to Standard Oil Development Co. 2,693,084, Cl. 60—97.
- Badger, Everett H., Jr., assignor to The Parker Appliance Company. 2,679,407, Cl. 284—18.
- Badger, Lee W.: See—
Badger, William H. and L. W.
- Badger, Walter L., to Wise Potato Chip Co. 2,685,249, Cl. 99—403.
- Badger, William H. and L. W., Houston, Tex. Spinal manipulation and relaxation device. 2,672,860, Mar. 23.
- Badische Anilin- & Soda-Fabrik Aktiengesellschaft: See—
Becke, Friedrich, and Flieg. 2,697,094.
Ebel, Friedrich.
Ebel, Friedrich, Rupp, and Trauth. 2,697,097.
Gassenmeier, Ernst W., and Schuster. 2,694,704.
Gerlich, Hans. 2,689,197.
Hopff, Heinrich, and Spaenig.
Hopff, Heinrich, and Spaenig. 2,686,182.
Hopff, Heinrich, and von Schickh. 2,681,361.
Janson, Alfons.
Kling, August. 2,685,534.
Krzikalla, Hans.
Pasedach, Heinrich. 2,694,736.
Pfitzner, Helmut, and Kaufmann. 2,685,595.
Pfitzner, Helmut, and Merkel. 2,674,595.
Reppe, Walter. 2,689,261.
- Badische Anilin- & Soda-Fabrik Aktiengesellschaft: See—
Continued.
Reppe, Walter, von Kutepow, and Leichte.
Schlecht, Leo, and Bergmann. 2,687,349.
Schlecht, Leo, Bergmann, and Oestreicher. 2,686,714.
Schuster, Curt. 2,674,602.
Stastny, Fritz, and Gaeth. 2,681,321.
Tartter, Arnold. 2,674,601.
Wintersberger, Karl, and Koudela. 2,690,958.
- Badische Uhrenfabrik G. m. b. H., assignee: See—
Hector, Paul W., and Trenkle. 2,772,228.
- Badran, Nasry, Heliopolis, Cairo, assignor to The Memphis Chemical Co., Cairo, Egypt. Demethylation of methoxy derivatives of furo-4',5',-6,7-chromones. 2,666,766, Jan. 19.
- Baecher, Bernard J., Sea Cliff, N. Y. Gyroscope damping device. 2,667,077, Jan. 26.
- Baecher, Bernard J., Sea Cliff, N. Y. Gyroscope damping device. 2,667,078, Jan. 26.
- Baechler, Joseph, Vand, Switzerland. Means for making toy structural units. 2,668,999, Feb. 16.
- Baechli, George, to Joy Mfg. Co. 2,698,077, Cl. 198—192.
- Baehr, Carl G., West Haven, assignor to The Greist Manufacturing Company, New Haven, Conn. Attachment for appliqué work. 2,671,419, Mar. 9.
- Baehr, Carl G., West Haven, assignor to The Greist Manufacturing Company, New Haven, Conn. Blind stitcher. 2,673,540, Mar. 30.
- Baehr, Sylvester C., to Wiesner-Rapp Co., Inc. 2,683,531, Cl. 209—72.
- Baenen, Howard J. 2,689,426, Cl. 43—15.
- Baenziger, Leonard N., assignor to Royal Electric Company, Inc. 2,678,363, Cl. 200—123.
- Baenziger, Leonard N., to Royal Electric Co., Inc. 2,683,210, Cl. 240—10.
- Baer, Carl A. 2,691,613, Cl. 154—116.
- Baer, George N., assignor, by mesne assignments, to Huyler's. 2,678,763, Cl. 226—88.1.
- Baer, Julius, Beverly Hills, Calif. Foot support and making. 2,665,505, Jan. 12.
- Baer, Max W.: See—
Baer, Walter S., Sr., and M. W. 2,693,708.
Baer, Walter S., Sr., and M. W. 2,693,708, Cl. 74—110.
- Baerenrodt, Eugene F.: See—
Olson, Frank W., and Baerenrodt. 2,693,901.
- Baessler, John J., assignee: See—
Abplanalp, Robert H. 2,678,147.
- Baevsky, Melvin M., to E. I. du Pont de Nemours and Co. 2,696,463, Cl. 202—57.
- Baffrey, Antoine R.: See—
Finchelstein, Lazare, and Baffrey.
- Bagby, Ralph B., Evanston, assignor to Triangle Package Machinery Company, Chicago, Ill. Capping machine. 2,665,832, Jan. 12.
- Bagdigian, Ralph P. 2,677,421, Cl. 164—23.
- Baggenstoss, Alois C.: See—
Stanley, Lester N., and Baggenstoss. 2,682,559.
- Baggott, Edmund W., Brooklyn, assignor to Ideal Toy Corporation, Hollis, N. Y. Toy sword. 2,669,062, Feb. 16.
- Baggott, Edmund W., assignor to Ideal Toy Corporation. 2,675,641, Cl. 46—8.
- Baggs, Burton D., Jr.: See—
Smith, Alexander, and Baggs.
- Bagley, Glen D., Lewiston, N. Y., assignor to Union Carbide and Carbon Corporation. Electric reduction furnace. 2,671,124, Mar. 2.
- Bagley, John F., Jr., South Hadley, assignor to Stanley Home Products, Inc., Westfield, Mass. Brush. 2,668,971, Feb. 16.
- Bagley, William H. 2,680,380, Cl. 74—230.8.
- Bagnall, John A. 2,689,506, Cl. 93—8.
- Bagnell, Edgar W., to Johnston Testers, Inc. 2,683,370, Cl. 73—300.
- Bagno, Samuel M., Astoria, assignor to Alertronic Corporation. Fe. 23,820, Cl. 340—258.
- Bagwell-Purefoy, John, and W. S. Cooper. 2,677,308, Cl. 90—11.4.
- Bahler, George. 2,692,065, Cl. 220—52.
- Bahlsen, Werner: See—
Lange, Ferdinand. 2,676,747.
Lange, Ferdinand. 2,692,078.
- Bahlsen, Werner. 2,678,614, Cl. 107—57.
- Bahney, Luther W., Elizabeth, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Inspection conveyor. 2,664,992, Jan. 5.
- Bahnson Co., The: See—
King, James F., Jr. 2,688,252.
Saunders, Marcellus G., Jr. 2,685,246.
- Baia, Philip. 2,679,180, Cl. 88—1.
- Baier, Charles F. 2,695,788, Cl. 279—77.
- Baier, Ludwig S. 2,691,355, Cl. 114—27.
- Baier, Willard E., Ontario, assignor to Sunkist Growers, Inc., Los Angeles, Calif. Attractants for cattle feeds. 2,665,987, Jan. 12.
- Bailar, John C., Jr.: See—
Sargent, Donald E., and Bailar.
- Bailey, Agard H., assignor to California Institute Research Foundation. 2,675,903, Cl. 197—84.
- Bailey, Alonzo W. 2,682,939, Cl. 189—34.
- Bailey, Alton E., to National Cylinder Gas Co. 2,691,665, Cl. 260—428.

- Bailey, Arthur E., F. E. J. Girling, and J. W. Pletts, to the Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. 2,686,301, Cl. 343—5.
- Bailey, Bradford E., assignor to Standard Oil Development Company. 2,676,156, Cl. 252—373.
- Bailey, Bradford E. 2,684,276, Cl. 311—94.
- Bailey, Christopher E. G., and D. H. Paul, to Hartford National Bank and Trust Co. 2,691,095, Cl. 250—15.
- Bailey, Curtis D. 2,696,379, Cl. 265—37.
- Bailey, Ervin G., and R. M. Hardgrove, to The Babcock & Wilcox Co. 2,688,942, Cl. 110—103.
- Bailey, Ervin G., and R. M. Hardgrove, to The Babcock & Wilcox Co. 2,691,455, Cl. 214—519.
- Bailey, Ervin G., and R. M. Hardgrove, to The Babcock & Wilcox Co. 2,696,511, Cl. 260—679.
- Bailey, George B., to The Hays Corp. 2,693,827, Cl. 137—795.
- Bailey, George S., Hat Co., Inc., assignee: *See*—Lockhart, Russell C. 2,677,827.
- Bailey, George W. 2,688,272, Cl. 88—41.
- Bailey, Harold G., Berkley, assignor, by mesne assignments, to Ford Motor Company, Dearborn, Mich. Sub-soller. 2,673,510, Mar. 30.
- Bailey, James, to Plax Corp. 2,697,852, Cl. 18—14.
- Bailey, James, and J. Pinsky, West Hartford, and C. G. Reber, Newington, assignors to Plax Corporation, West Hartford, Conn. Increasing the tear resistance of plastic film. 2,668,988, Feb. 16.
- Bailey, James, and H. A. Pratt, assignors to Plax Corporation. 2,674,006, Cl. 18—5.
- Bailey, James H. 2,692,647, Cl. 164—73.
- Bailey, John H.: *See*—Studebaker, Arthur W., and Bailey.
- Bailey, John H. 2,676,665, Cl. 181—41.
- Bailey Meter Co.: *See*—Barnard, Clayton H. 2,685,205.
- Barnard, Clayton H., and McEvoy. 2,689,478.
- Dickey, Paul S.
- Dickey, Paul S. 2,697,351.
- Dickey, Paul S., and Shannon. 2,698,141.
- English, James F., Jr. 2,694,162.
- Gorrie, Harvard H. 2,675,015.
- Gorrie, Harvard H. 2,679,828.
- Gorrie, Harvard H., and Shannon. 2,679,829.
- Gorrie, Harvard H., and Shannon. 2,679,862.
- Hornfeck, Anthony J.
- Hornfeck, Anthony J. 2,689,088.
- Hornfeck, Anthony J. 2,689,339.
- Hornfeck, Anthony J. 2,689,477.
- Hornfeck, Anthony J. 2,689,932.
- Hornfeck, Anthony J., Luhrs, and Smith.
- Lewis, Henry P.
- Markow, George R., and Hornfeck. 2,696,604.
- McEvoy, James E. 2,674,879.
- McEvoy, James E., and Hornfeck. 2,685,203.
- Musat, George, and Dueringer. 2,689,000.
- Paulison, William L., Jr., and Davenport. 2,684,078.
- Shannon, Jack F. 2,684,473.
- Shannon, Jack F., and Aberegg. 2,690,871.
- Smith, Clifford T., and Paulison.
- Bailey, Paul C.: *See*—Van Deventer, Harry R., and Bailey.
- Bailey, Perkins H., New York, N. Y., assignor to The William Carter Company, Needham Heights, Mass. Man's pouch-type brief. 2,664,889, Jan. 5.
- Bailey, Richard W., assignor to Milo Harding Company. 2,679,799, Cl. 101—118.
- Bailey, Richard W., to Milo Harding Co. 2,697,397, Cl. 101—119.
- Bailey, Robert E., Arlington, Vt. Corner brace. 2,669,497, Feb. 16.
- Bailey, Robert S., assignor to International Standard Electric Corporation, New York, N. Y. Velocity modulated electron discharge device. 2,667,597, Jan. 26.
- Bailey, Roy W., and J. T. Faull, to Detroit Power Screw-driver Co. 2,696,902, Cl. 198—33.
- Bailey, Vincent R., assignor to The Gillette Company. 2,674,368, Cl. 206—16.
- Bailey, Vincent R., assignor to The Gillette Company. 2,678,126, Cl. 206—16.
- Bailey, Violet. 2,685,088, Cl. 2—73.
- Bailey, Waldo S., $\frac{1}{2}$ to K. Maxon, and $\frac{1}{2}$ to I. W. Montgomery. 2,683,541, Cl. 214—77.
- Bailey, Wesley T., to California Research Corp. 2,688,599, Cl. 252—138.
- Bailey, William M., Company, assignee: *See*—Bowland, Andrew.
- Bailin, Richard C., to Sylvania Electric Products Inc. 2,686,885, Cl. 313—107.
- Bain, Charles K., Bonne Terre, Mo. Method and apparatus for sinking mine shafts. 2,667,750, Feb. 2.
- Bain, Edwin C. 2,685,751, Cl. 37—43.
- Bain, George W., Jr.: *See*—Werenfels, Peter H., and Bain. 2,680,778.
- Bain, George W., Jr., to Radio Corp. of America. 2,695,985, Cl. 321—38.
- Bain, James, Jr., assignor to General Electric Company. 2,679,660, Cl. 18—5.
- Bain, Jay G.: *See*—Reynier, Charles H. 2,692,522.
- Bain, Reginald. 2,684,700, Cl. 144—303.
- Bainbridge, Featherstone, to Huwood Mining Machinery Ltd. 2,689,716, Cl. 262—8.
- Bainbridge, Featherstone, to Huwood Mining Machinery Ltd. 2,689,717, Cl. 262—8.
- Bainbridge, Featherstone, to Huwood Mining Machinery Ltd. 2,689,721, Cl. 262—31.
- Bainbridge, John P., Jr., Marblehead, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preventing offset of print from freshly printed papers. 2,673,520, Mar. 30.
- Bair, Harry P., assignor of 50% to R. I. Bair. 2,675,155, Cl. 228—29.
- Bair, Julian H., Seattle, Wash. Electrically heated vaporizer. 2,668,993, Feb. 16.
- Bair, Roger I., assignee: *See*—Bair, Harry P. 2,675,155.
- Baird Associates, Inc., assignee: *See*—Williamson, Donald E. 2,674,703.
- Baird, Daniel A., Los Angeles, Calif. Releasable hoisting device. 2,673,116, Mar. 23.
- Baird, Douglas O., assignee: *See*—Castner, George P.
- Baird, Edgar W., Jr.: *See*—Ulberg, Frederick G. W., Jr. and Baird.
- Baird, Edward O., and R. H. Rogers. 2,675,227, Cl. 268—21.
- Baird, Edward O., and R. H. Rogers. 2,675,228, Cl. 268—21.
- Baird, John B., and N. C. Turner, assignors to Hudson Engineering Corporation, Houston, Tex. Separation of hydrocarbons. 2,668,139, Feb. 2.
- Baird, Kenneth M., to The Honorary Advisory Council for Scientific and Industrial Research. 2,687,062, Cl. 88—16.
- Baird, Ronald J.: *See*—Lang, Louis, and Baird.
- Baird, Samuel P. 2,675,123, Cl. 206—65.
- Baird, William, Manchester, K. H. Jones, Northwich, and A. Macarthur, Manchester, England, assignors to Imperial Chemical Industries Limited. Antifoam agents comprising condensation product of ethylene oxide with 1,12-octadecanediol. 2,671,811, Mar. 9.
- Baireuther, Edward J., J. M. Condran, and S. I. Rochwite. 2,694,339, Cl. 88—29.
- Baisch, Richard K., Cottage City, Md., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Armor shield for projectile type fastening. Re. 23,786, Feb. 23.
- Baize, Calvin U. 2,691,182, Cl. 15—27.
- Bakal, Carl. 2,692,573, Cl. 116—67.
- Bakalar, Arthur B., San Francisco, and R. D. Sullivan, Oakland, assignors to Shell Development Company, San Francisco, Calif. Sizing paper. 2,665,983, Jan. 12.
- Bakelaar, John H., D. J. Oldenboom, and L. T. Bleuer, to International Business Machines Corp. 2,684,746, Cl. 197—133.
- Baker, Aaron A., assignor to Baker Oil Tools, Inc. 2,675,880, Cl. 166—20.
- Baker, Albert A., to J. A. Zurn Mfg. Co. 2,687,141, Cl. 137—360.
- Baker, Albert A., to J. A. Zurn Mfg. Co. 2,688,976, Cl. 137—284.
- Baker, Albert F., to Hancock Mfg. Co. 2,683,616, Cl. 292—7.
- Baker, Alfred. 2,683,542, Cl. 214—140.
- Baker, Allister L.: *See*—Keuffel, Carl W., Kissam, and Baker. 2,679,181.
- Baker, Allister L., Jersey City, assignor to Keuffel & Esser Company, Hoboken, N. J. Surveying instrument. 2,667,693, Feb. 2.
- Baker, Allister L., assignor to Keuffel & Esser Company. 2,674,044, Cl. 33—70.
- Baker, Allister L., to Keuffel & Esser Co. 2,696,054, Cl. 33—222.
- Baker, Arthur A., and J. H. Brown, assignors to Oldbury Electro-Chemical Company, Niagara Falls, N. Y. Production of alkyl phosphites. 2,670,368, Feb. 23.
- Baker, Arthur D. 2,687,242, Cl. 223—84.
- Baker, Arthur H. 2,675,293, Cl. 21—53.
- Baker, Arthur W., and G. G. Porter, assignors to The J. H. Mayhew Company. 2,676,522, Cl. 93—38.
- Baker, Benjamin P.: *See*—Ludwig, Leon R., Leeds, Baker, and Cumming.
- MacNeill, John B., Leeds, and Baker.
- Baker, Benjamin P., and W. M. Leeds, to Westinghouse Electric Corp. 2,693,519, Cl. 200—150.
- Baker, Benjamin P., and W. S. Aspey, to Westinghouse Electric Corp. 2,695,349, Cl. 200—150.
- Baker, Bernard R., and R. E. Schaub, to American Cyanamid Co. 2,694,711, Cl. 260—256.4.
- Baker Brothers, Inc.: *See*—Hoenig, John. 2,694,567.
- Baker, Buford M., to Engineering Laboratories, Inc. 2,682,389, Cl. 255—313.
- Baker Castor Oil Company, The, assignee: *See*—Hansen, Edward F.
- Baker, Chester L., and R. H. Sams, to Philadelphia Quartz Co. 2,681,290, Cl. 106—79.
- Baker, Clifford A.: *See*—Kuzma, John J., Kurtz, and Baker. 2,685,155.
- Baker & Co., Inc.: *See*—Johnson, Joseph E.
- Lincoln, Arnold J.
- Schnell, Albert, and Armeny. 2,691,214.
- Baker, Corwin W., to United Shoe Machinery Corp. 2,693,608, Cl. 12—85.2.

- Baker, Dan D. 2,676,439, Cl. 51—195.
 Baker, Donald J., Los Angeles, Calif. Pickup arm for phonographs. 2,665,919, Jan. 12.
 Baker, Earl C., assignor to E. I. du Pont de Nemours and Company. 2,676,762, Cl. 242—18.
 Baker, Edith G., administratrix: *See*—
 Baker, Max K.
 Baker, Edwin R.: *See*—
 Kirk, James C., and Baker. 2,682,553.
 Baker, Edwin R., to Continental Oil Co. 2,684,943, Cl. 252—33.4.
 Baker, Elvin E., Havertown, assignor to George P. Pilling & Son Company, Philadelphia, Pa. Surgical clamping means. 2,668,538, Feb. 9.
 Baker, Frederick C. 2,675,466, Cl. 240—78.
 Baker, George H., to Bell Telephone Laboratories, Inc. 2,694,196, Cl. 343—177.
 Baker, George L., Newark, Del., assignor to Seaplast Chemical Corporation, New Bedford, Mass. Gelling compositions. 2,669,519, Feb. 16.
 Baker, George T., to British Telecommunications Research Ltd. 2,686,225, Cl. 179—18.
 Baker, George T., Taplow, Bucks, and A. Davison, assignors to Automatic Telephone & Electric Company Limited, Liverpool, England. Electrical signaling system. 2,672,519, Mar. 16.
 Baker, George W., to United States Gypsum Co. 2,681,127, Cl. 189—34.
 Baker, George W., and A. M. Olson, to Chain Belt Co. 2,680,866, Cl. 15—70.
 Baker, George W. 2,690,522, Cl. 313—258.
 Baker, Gerald T., Fort Dodge, Iowa. Extension unit for tractor operated loading attachments. 2,666,540, Jan. 19.
 Baker, Gerald T., assignor, by mesne assignments, to Avco Manufacturing Corporation. 2,675,933, Cl. 214—140.
 Baker, Harold E., Danvers, and J. H. Brooks, West Peabody, assignors to Sylvania Electric Products Inc., Salem, Mass. Lamp basing machine. 2,665,894, Jan. 12.
 Baker, Harold G., and S. M. Creighton, to Canada Packers Ltd. 2,697,105, Cl. 260—397.1.
 Baker, Henry C., deceased; L. N. Baker, administratrix. 2,674,794, Cl. 30—171.
 Baker, Howard R., and J. H. Burney. 2,674,389, Cl. 220—23.4.
 Baker, Jack F. 2,693,238, Cl. 166—78.
 Baker, James G., Winchester, Mass., assignor to The Perkin-Elmer Corporation, Glenbrook, Conn. Photographic optical objective lens system. 2,671,380, Mar. 9.
 Baker, James G., to the United States of America as represented by the Secretary of War. 2,685,230, Cl. 88—57.
 Baker, James G., to the United States of America as represented by the Secretary of the Air Force. 2,685,238, Cl. 95—12.5.
 Baker, James G., to the United States of America as represented by the Secretary of War. 2,694,959, Cl. 88—57.
 Baker, James J., to Marfisa Baker, Inc. 2,692,993, Cl. 5—98.
 Baker, James M., to Redler Conveyors Ltd. 2,695,107, Cl. 214—17.
 Baker, James N., Baltimore County, Md., assignor to The Black and Decker Manufacturing Company. Electric scale. 2,670,195, Feb. 23.
 Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Rock drill bit. 2,673,715, Mar. 30.
 Baker, John H., to American Brake Shoe Co. 2,693,397, Cl. 308—18.
 Baker, John H., Bonanza, and R. E. Nelson, assignors to American Gilsonite Company, Salt Lake City, Utah. Insulating a metal structure and insulated metal structure. 2,668,125, Feb. 2.
 Baker, John R., assignor to Baker Oil Tools, Inc. 2,675,877, Cl. 166—12.
 Baker, John R., and B. L. Austin, to Baker Oil Tools, Inc. 2,695,068, Cl. 166—204.
 Baker, Laurence, assignor to The General Tire and Rubber Company, Akron, Ohio. Vulcanizable composition. 2,666,755, Jan. 19.
 Baker, Lelah N., administratrix: *See*—
 Baker, Henry C. 2,674,794.
 Baker, Malcolm C.: *See*—
 Baker, Willis C. 2,696,039.
 Baker, Max K., deceased, Chicago, Ill. E. G. Baker, administratrix, assignor to Mercury Electronic Laboratories, Inc. Detecting pickup. 2,673,250, Mar. 23.
 Baker, Max P., to General Motors Corp. 2,686,697, Cl. 305—10.
 Baker Oil Tools, Inc., assignee: *See*—
 Althouse, William S., Jr.
 Baker, Aaron A. 2,675,880.
 Baker, John R. 2,675,877.
 Baker, John R., and Austin. 2,695,068.
 Baker, Reuben C.
 Baker, Reuben C. 2,683,492.
 Baker, Reuben C. 2,687,775.
 Baker, Reuben C. 2,687,776.
 Baker, Reuben C. 2,687,913.
 Baker, Reuben C. 2,690,223.
 Baker, Reuben C. 2,690,228.
 Baker Oil Tools, Inc., assignee: *See*—Continued.
 Baker, Reuben C., and Conrad. 2,674,314.
 Baker, Reuben C., and Conrad. 2,681,113.
 Baker, Reuben C., and Conrad. 2,690,225.
 Baker, Reuben C., and Conrad. 2,695,065.
 Baker, Reuben C., and Ragan. 2,685,931.
 Childers, Roscoe O.
 Clark, Earnest H., Jr.
 Conrad, Martin B.
 Conrad, Martin B. 2,681,114.
 Conrad, Martin B. 2,687,694.
 Conrad, Martin B. 2,692,023.
 Conrad, Martin B. 2,692,066.
 Conrad, Martin B., and Clark. 2,675,876.
 Gassaway, James S. 2,683,491.
 Lee, Francis H. 2,681,112.
 Mater, Bernardus E.
 Ragan, Thomas M. 2,695,066.
 Ragan, Thomas M., and Conrad. 2,695,064.
 Ragan, Thomas M., and Durant.
 Saureman, Dean F., and Hilton.
 Baker Perkins Inc.: *See*—
 Cox, Bradley G. 2,686,595.
 Dersch, John A. 2,681,727.
 Dersch, John A. 2,689,035.
 Krenke, Norman O. 2,688,518.
 Riordan, Albert O. 2,688,517.
 Steadman, Rufus P.
 Baker Perkins Limited, assignee: *See*—
 Woodward, Stanley, and Morgan. 2,677,259.
 Baker, Porter C., Nampa, Idaho. Automatic irrigation dam. 2,664,713, Jan. 5.
 Baker-Raulang Co., The: *See*—
 Davies, Robert H., and Parcell. 2,677,475.
 Lehmann, Max. 2,689,662.
 Lehmann, Max. 2,694,460.
 Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer apparatus. 2,665,763, Jan. 12.
 Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Los Angeles, Calif. Retrievable subsurface well tool. 2,665,764, Jan. 12.
 Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Segmental slip subsurface well tool. 2,665,765, Jan. 12.
 Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Production packer apparatus. 2,667,928, Feb. 2.
 Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Casing scraper. 2,667,931, Feb. 2.
 Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well jarring apparatus. 2,671,640, Mar. 9.
 Baker, Reuben C., to Baker Oil Tools, Inc. 2,683,492, Cl. 166—217.
 Baker, Reuben C., to Baker Oil Tools, Inc. 2,687,775, Cl. 166—63.
 Baker, Reuben C., to Baker Oil Tools, Inc. 2,687,776, Cl. 166—63.
 Baker, Reuben C., to Baker Oil Tools, Inc. 2,687,913, Cl. 294—86.
 Baker, Reuben C., to Baker Oil Tools, Inc. 2,690,223, Cl. 166—63.
 Baker, Reuben C., to Baker Oil Tools, Inc. 2,690,228, Cl. 166—178.
 Baker, Reuben C., and M. B. Conrad, assignors to Baker Oil Tools, Inc. 2,674,314, Cl. 166—1.
 Baker, Reuben C., and M. B. Conrad to Baker Oil Tools, Inc. 2,681,113, Cl. 166—129.
 Baker, Reuben C., and T. M. Ragan, to Baker Oil Tools, Inc. 2,685,931, Cl. 166—173.
 Baker, Reuben C., and M. B. Conrad, to Baker Oil Tools, Inc. 2,690,225, Cl. 166—140.
 Baker, Reuben C., and M. B. Conrad, to Baker Oil Tools, Inc. 2,695,065, Cl. 166—63.
 Baker, Richard E., to Radio Corp. of America. 2,697,747, Cl. 178—7.1.
 Baker, Robert E. 2,694,574, Cl. 273—89.
 Baker, Robert F., to Westinghouse Electric Corp. 2,692,216, Cl. 148—11.5.
 Baker, Robert F., to Westinghouse Electric Corp. 2,692,217, Cl. 148—11.5.
 Baker, Roger: *See*—
 Blasingame, Jesse J., and Baker. 2,698,432.
 Baker, Theodore C., Toledo, Ohio, assignor, by mesne assignments, to Allied Chemical & Dye Corporation, New York, N. Y. Production of articles of high impact strength. 2,665,261, Jan. 5.
 Baker, Theodore C., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. 2,680,105, Cl. 260—39.
 Baker, Virgil H., Springfield, Ohio, assignor to Elliott Company, Pittsburgh, Pa. Cleaner for heat exchange and the like tubes. 2,672,636, Mar. 23.
 Baker, Virgil H., assignor to Elliott Company. 2,679,061, Cl. 15—104.10.
 Baker, Willard C. 2,680,421, Cl. 115—1.
 Baker, Willard C., to Jered Industries, Inc. 2,687,652, Cl. 74—378.
 Baker, Willard L.: *See*—
 Dorosz, Adolph S., and Baker. 2,692,998.
 Baker, William E.: *See*—
 Ellet, D Maxwell, and Baker. 2,686,427.

- Baker, William O., Morristown, N. J. Smokeless powder grains and making same. 2,668,132, Feb. 2.
- Baker, William O., and R. O. Grisdale, to Bell Telephone Laboratories, Inc. 2,697,028, Cl. 23—209.1.
- Baker, William O., R. O. Grisdale, and F. H. Winslow, to Bell Telephone Laboratories, Inc. 2,697,029, Cl. 23—209.1.
- Baker, William O., and R. O. Grisdale, to Bell Telephone Laboratories, Inc. 2,697,136, Cl. 179—122.
- Baker, William R., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,674,694, Cl. 250—36.
- Baker, William R., and D. A. Vance, assignors to the United States of America as represented by the United States Atomic Energy Commission. 2,677,778, Cl. 313—38.
- Baker, Willis C., to M. C. Baker, and M. Furman. 2,696,039, Cl. 29—200.
- Baker, Winifred F.: *See—*
Downes, Lloyd C., and Baker.
- Bakke, Alfred H., assignee: *See—*
Mullins, Edward J.
- Bakke, Hans A.: *See—*
Goss, James H., Mendelsohn, and Bakke.
Goss, James H., Mendelsohn, and Bakke. 2,683,921.
- Bakke, John E.: *See—*
Giern, James B., and Bakke. 2,690,617.
- Bakke, Laurence D., to Continental Motors Corp. 2,694,117, Cl. 200—19.
- Bakken, Lars, $\frac{1}{2}$ to B. R. Bermann. 2,684,849, Cl. 273—87.
- Bakker, Pier, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic switch for telephone systems. 2,673,245, Mar. 23.
- Bakker, Willem, assignor to American Enka Corporation. 2,674,419, Cl. 242—157.
- Bakker, Willem, to American Enka Corp. 2,688,506, Cl. 288—19.
- Bakker, Willem. 2,693,978, Cl. 292—256.6.
- Bakst, Aaron: *See—*
Ruskin, Simon L., and Bakst. 2,694,743.
- Balakofsky, Sol. 2,697,173, Cl. 250—51.
- Balcar, Frederick R., and H. B. Smith, Jr., assignors to Air Reduction Company, Incorporated. 2,674,581, Cl. 252—188.3.
- Balch, Gerald G. 2,680,414, Cl. 107—1.
- Balch, Hugh T., to Bell Telephone Laboratories, Inc. 2,692,371, Cl. 332—43.
- Balch, Theodore H., and R. F. Van De Mark, to Sel-Set Co. 2,696,853, Cl. 143—120.
- Baldanza, Nicholas T., assignor, by mesne assignments to Curtiss-Wright Corporation. 2,679,875, Cl. 150—0.5.
- Baldanza, Nicholas T., to Curtiss-Wright Corp. 2,682,234, Cl. 107—19.
- Baldanza, Nicholas T., and C. Castelli, to Curtiss-Wright Corp. 2,682,196, Cl. 88—41.
- Baldauski, Francis A.: *See—*
Brereton, John G., Baldauski, and Bornor. 2,682,467.
- Baldoni, Bernard, assignor to Corn Products Refining Company. 2,676,169, Cl. 260—123.
- Baldrige, Harold D., to Diadem, Inc. 2,688,397, Cl. 206—44.
- Baldrige, Ronald. 2,690,036, Cl. 51—170.
- Baldrige, Walter M., and K. R. Davison. 2,696,977, Cl. 259—10.
- Baldsiefen, Walter D., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing a light sensitive silver halide emulsion. 2,666,700, Jan. 19.
- Baldwin, Charles A. 2,686,084, Cl. 302—23.
- Baldwin, Clyde P., to Joy Mfg. Co. 2,688,706, Cl. 310—68.
- Baldwin, Clyde P., to Joy Mfg. Co. 2,689,719, Cl. 262—28.
- Baldwin Co., The: *See—*
Mork, Raymond P. 2,682,616.
- Baldwin, Edwin G., assignor to Bell Telephone Laboratories, Incorporated. 2,676,271, Cl. 307—88.
- Baldwin, Jack R., to A. L. Kearns. 2,683,266, Cl. 5—285.
- Baldwin, Jesse A., Ashland, Wis., assignor, by mesne assignments, to Reconstruction Finance Corporation, Denver, Colo. Manufacture of oil filters. 2,665,075, Jan. 5.
- Baldwin, John D., Jr., assignor to The Weatherhead Company. 2,677,345, Cl. 116—118.
- Baldwin, John D., Jr., and A. G. Johnson, to The Weatherhead Co. 2,687,018, Cl. 62—1.
- Baldwin, Lee E., Glendale, assignor to Weston Hydraulics, Limited, North Hollywood, Calif. Fluid pressure regulator. 2,671,463, Mar. 9.
- Baldwin-Lima-Hamilton Corp.: *See—*
Hall, Keith W.
Jacobs, Henry L. 2,674,772.
Larrecq, Anthony J.
Ruge, Arthur C.
Ruge, Arthur C. 2,681,566.
Ruge, Arthur C. 2,688,727.
Schurr, Otto E.
Shneider, Harold M.
Spier, Hans G., and Lasley.
Willi, Richard B.
- Baldwin, Maynard M., to Mathieson Chemical Corp. 2,688,603, Cl. 252—476.
- Baldwin, Maynard M., and A. P. Young, Jr., to Abbott Laboratories. 2,694,669, Cl. 167—87.
- Baldwin, Morton S.: *See—*
Wray, Alfred W., and Baldwin. 2,688,305.
- Baldwin, Philip S., $\frac{1}{2}$ to Fiat Società per Azioni. 2,694,902, Cl. 60—54.6.
- Baldwin, Richard E., to Powers-Samas Accounting Machines Ltd. 2,688,916, Cl. 101—93.
- Baldwin, Robert H., and R. E. Bley, assignors to E. I. du Pont de Nemours & Company. 2,678,907, Cl. 202—46.
- Baldwin, William R.: *See—*
Renick, James A., and Baldwin. 2,686,553.
- Bale, Alton G., Jr.: *See—*
Weinfurt, William J., and Bale.
- Bale, Alton G., Jr., assignor to McGraw Electric Company, Milwaukee, Wis. Electric motor control means. 2,671,190, Mar. 2.
- Balentine, William H.: *See—*
Klingner, Adolph F., and Balentine.
- Bales, Max G., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition timer. 2,671,829, Mar. 9.
- Bales, Max G., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Pressure actuated control mechanism. 2,672,890, Mar. 23.
- Bales, Max G., assignor to General Motors Corporation. 2,678,365, Cl. 201—63.
- Balfe, George T., to Detroit Gasket & Mfg. Co. 2,695,186, Cl. 288—31.
- Balfour, Walter, & Co., Inc., assignee: *See—*
Stevens, Herbert H., Jr.
- Balint, Anthony, New York, N. Y. Harmonica playing cover. 2,671,374, Mar. 9.
- Balint, John: *See—*
Flora, Laurence H., and Balint.
- Balint, John, to Tinnerman Products, Inc. 2,695,806, Cl. 292—258.
- Balke, Claire C., Drexel Hill, Pa., assignor to Fansteel Metallurgical Corporation, North Chicago, Ill. Metal body of high porosity. 2,671,953, Mar. 16.
- Balke, Claire C., Drexel Hill, Pa., assignor to Fansteel Metallurgical Corporation, North Chicago, Ill. Production of porous silver bodies. 2,672,415, Mar. 16.
- Balkin, Mark, and D. G. Turner, to George Angus and Co. Ltd. 2,685,109, Cl. 19—143.
- Ball, Charles F., Franklin, assignor to Joy Manufacturing Company, Pittsburgh, Pa. Bit securing device for rotary pavement cutters or the like. 2,665,893, Jan. 12.
- Ball, Charles F., Franklin, assignor to Joy Manufacturing Company, Pittsburgh, Pa. Material receiving, storing, and delivering apparatus. 2,670,836, Mar. 2.
- Ball, Charles F., to Joy Mfg. Co. 2,693,268, Cl. 198—65.
- Ball, Charles F., to Joy Mfg. Co. 2,696,288, Cl. 198—9.
- Ball, Charles O., to Chemicolloid Laboratories, Inc. 2,696,440, Cl. 99—105.
- Ball, Donald T.: *See—*
Lewton, Ross E., and Ball.
- Ball, Donald T., Oak Park, assignor to Chrysler Corporation, Highland Park, Mich. Shock absorber. 2,670,814, Mar. 2.
- Ball, Edgar D., of $\frac{1}{2}$ to George H. Alexander Machinery Ltd. 2,683,934, Cl. 33—147.
- Ball, Hugh E., and E. Peil, to Cutler-Hammer, Inc. 2,697,200, Cl. 323—60.
- Ball, Jack, to Picker X-Ray Corp., Waite Mfg. Division. 2,681,417, Cl. 250—95.
- Ball, John A., and W. G. Angerson. 2,679,055, Cl. 5—100.
- Ball, John H. 2,680,847, Cl. 2—14.
- Ball, John S., to Henry Simon (Holdings) Ltd. 2,689,063, Cl. 222—58.
- Ball, John S., J. F. Lockwood, and G. Watts, deceased (L. M. Watts, executrix), to Henry Simon (Holdings) Ltd. 2,689,688, Cl. 241—12.
- Ball, Samuel W. 2,690,186, Cl. 135—5.1.
- Ball & Socket Mfg. Co., The: *See—*
Hubbell, Leslie W. 2,695,589.
- Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland, Mich. Choke device. 2,667,154, Jan. 26.
- Ball, Thomas M., to Chrysler Corp. 2,692,651, Cl. 180—77.
- Ballachey, Robert G., and G. Normand. 2,673,980, Cl. 1—44.5.
- Ballantine, James S., Absecon, N. J. Sectional chip breaker. 2,664,931, Jan. 5.
- Ballantyne Company, The, assignee: *See—*
Brown, Ilo M.
- Ballard, Albert E.: *See—*
Jones, Jean E., and Ballard. 2,678,883.
- Ballard, Alfred G., to G. K. N. Group Services Ltd. 2,682,973, Cl. 221—68.
- Ballard, Charles U. 2,676,374, Cl. 24—73.
- Ballard, Charles U. 2,693,811, Cl. 137—87.
- Ballard, Clayton A.: *See—*
Hammond, William E., and Ballard.
Hammond, William E., Lidford, and Ballard.
- Ballard, Dana R. 2,691,360, Cl. 119—53.
- Ballard, Ernest S. 2,695,924, Cl. 178—6.6.
- Ballard, James W., to The Firestone Tire & Rubber Co. 2,690,335, Cl. 267—63.
- Ballard, Lester W., assignor, by mesne assignments, of $\frac{1}{2}$ to Tuboscope Company. 2,677,880, Cl. 29—236.
- Ballard, Louis M., to Wayne Mfg. Co. 2,682,679, Cl. 15—182.

- Ballard, Randall C., assignor to Radio Corporation of America. 2,678,348, Cl. 178—5.2.
- Ballard, Robert G., Saugus, Mass., assignor to General Electric Company. Mass measuring liquid level float gauge. 2,669,123, Feb. 16.
- Ballard, Robert G., to General Electric Co. 2,681,977, Cl. 240—2.1.
- Ballard, Seaver A., R. C. Morris, and V. W. Buls, to Shell Development Co. 2,687,403, Cl. 260—85.5.
- Ballard, Seaver A., and R. R. Whetstone, assignors to Shell Development Company. 2,675,413, Cl. 260—65.4.
- Ballard, Seaver A., H. D. Finch, and E. A. Peterson, to Shell Development Co. 2,693,497, Cl. 260—68.1.
- Ballard, William R. J. 2,688,891, Cl. 80—56.
- Ballato, Carlo J., and P. F. Kearins. 2,679,328, Cl. 214—309.
- Ballentine, John R.: *See*—
Coleman, Ralph M., Ballentine, and McDill. 2,675,642.
- Baller, Albert H., to Rand McNally & Co. 2,689,751, Cl. 283—63.
- Baller, Harry C. 2,698,210, Cl. 309—21.
- Ballew, Dallas D., Baltimore, Md. Doughnut filling machine. 2,669,947, Feb. 23.
- Ballew, Julius R., Hobbs, N. Mex. Magnetic fishing tool. 2,671,685, Mar. 9.
- Ballinger, Lewis J. H. 2,682,150, Cl. 60—97.
- Ballinger, Lewis J. H. 2,685,154, Cl. 51—90.
- Ballou, Richard P., assignor to Federal Electric Products Company. 2,680,794, Cl. 200—159.
- Balls, Arnold K.: *See*—
Rose, William G., and Balls. 2,676,906.
Rose, William G., and Balls. 2,680,090.
- Balluff, Edwin J.: *See*—
Berno, Edward H., and Balluff.
- Balluff, Edwin J., to Henney Motor Co., Inc. 2,682,681, Cl. 15—332.
- Balluteen, Musa S. Re. 23,887, Cl. 99—40.4.
- Balmas, Frédéric. 2,698,262, Cl. 117—135.
- Balmes, Estirajes: *See*—
Balmes Solanas, Ramon. 2,688,162.
- Balmes Solanas, Ramon, assignor to Estirajes Balmes, S. A. 2,677,857, Cl. 19—130.
- Balmes Solanas, Ramon, to Estirajes Balmes, S. A. 2,688,162, Cl. 19—135.
- Balogh, Roy O., to McCabe-Powers Auto Body Co. 2,687,808, Cl. 212—8.
- Balogh, Roy O., to McCabe-Powers Auto Body Co. 2,687,809, Cl. 212—8.
- Balogh, Stephen: *See*—
Hilliker, Donald E., and Balogh. 2,688,855.
- Balon, Walter J.: *See*—
Patterson, George H., and Balon. 2,676,170.
- Balon, Walter J., and O. Stallman, to E. I. du Pont de Nemours & Co. 2,683,144, Cl. 260—239.
- Balsiger, Harold E.: *See*—
Price, Ralph E., and Balsiger. 2,697,426.
- Balsiger, Harold E., assignor to Landis Tool Company. 2,675,240, Cl. 279—2.
- Balsiger, Harold E., to Landis Tool Co. 2,694,883, Cl. 51—103.
- Balski, Andrew J. Re. 23,882, Cl. 21—109.
- Baltes, Alphonse J. 2,695,552, Cl. 94—45.
- Balthis, David L., and K. F. Eger, to Westinghouse Electric Corp. 2,697,138, Cl. 179—171.
- Balthis, Joseph H., to E. I. du Pont de Nemours and Co. 2,681,922, Cl. 260—414.
- Balton, James, assignor to Maryland Baking Company, Inc., Baltimore, Md. Apparatus for forming edible receptacles. 2,664,834, Jan. 5.
- Baltz, William. Re. 23,849, Cl. 272—52.
- Baltzer, Paul D.: *See*—
Goodhue, William V., Higgins, and Baltzer. 2,691,810.
- Balut, Raymond R. 2,693,039, Cl. 36—58.5.
- Balz, Emil H., assignor to Glass Fibers, Inc., Waterville, Ohio. Removing starch from the binder on glass cloth. 2,666,720, Jan. 19.
- Balz, Emil H., assignor to Glass Fibers Inc. 2,674,548, Cl. 134—2.
- Balz, Emil H., assignor to Glass Fibers Inc. 2,674,549, Cl. 134—2.
- Balz, William G., and C. H. Castle, to Roto-Finish Co. 2,684,562, Cl. 51—281.
- Balzer, Harvey W., to Automatic Electric Laboratories, Inc. 2,697,134, Cl. 179—27.
- Balzer, Vernon W., Van Nuys, assignor to Hallett Manufacturing Company, Inglewood, Calif. Shielding container. 2,666,092, Jan. 12.
- Balzer, Vernon W., to Hallett Mfg. Co. 2,688,170, Cl. 24—68.
- Bambara, John, and M. T. Modny. 2,675,801, Cl. 128—92.
- Bamford, Arthur P., assignor, by mesne assignments, to E. G. Staude Manufacturing Company, Inc. 2,676,538, Cl. 101—153.
- Bamford, Arthur P., to E. G. Staude Mfg. Co., Inc. 2,692,554, Cl. 101—157.
- Bamford, Clement H., and W. E. Hanby, to Courtaulds Ltd. 2,697,085, Cl. 260—29.2.
- Bamford F., and Co. Ltd.: *See*—
Smith, Frank. 2,687,457.
- Ban, Joseph H. 2,698,116, Cl. 223—105.
- Bancel, Paul A., Montclair, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Dual automatic control for compressors. 2,665,053, Jan. 5.
- Banchback, William J. 2,682,309, Cl. 166—231.
- Banck, Robert A., assignor to Bigelow-Liptak Corporation, Detroit, Mich. Suspended furnace arch. 2,664,837, Jan. 5.
- Bancroft, James E., Jamaica, assignor to Allied Control Company, Inc., New York, N. Y. Machine for winding coils. 2,672,298, Mar. 16.
- Bancroft, Joseph C., Jamestown, N. Y. Awning type window. 2,667,950, Feb. 2.
- Bancroft, William H., Jr., Valley Center, assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Aircraft control system for operating auxiliary power source at take-off. 2,665,860, Jan. 12.
- Bandli, John C.: *See*—
Armstrong, Daniel A., and Bandli. 2,675,794.
- Banerji, Sidhartha: *See*—
Staebler, Lloyd A., and Banerji. 2,687,020.
- Banes, Fred W.: *See*—
Arundale, Erving, and Banes. 2,684,356.
- Banes, Fred W., Westfield, W. P. FitzGerald, Elizabeth, J. F. Nelson, Rahway, N. J., and E. R. Gilliland, Arlington, Mass., assignors to Standard Oil Development Company. Production of alcohols. 2,668,181, Feb. 2.
- Banes, Fred W., Westfield, and W. P. Fitz Gerald, Elizabeth, N. J., assignors to Standard Oil Development Company. Preparation of 2-alkyl-1-alkenes. 2,671,121, Mar. 2.
- Bangert, John T., assignor to Bell Telephone Laboratories, Incorporated. 2,679,633, Cl. 333—80.
- Banham, William G., Edmonton, Alberta, Canada. Lock. 2,670,982, Mar. 2.
- Banigan, Thomas F., assignor to E. I. du Pont de Nemours and Company. 2,676,120, Cl. 117—138.8.
- Banikiotes, Gregory C.: *See*—
Sherwood, Donnelle W., and Banikiotes. 2,695,214.
- Banister, Lee, executor: *See*—
Spangard, Laurence C.
- Banister, Robert T., to Thompson Products, Inc. 2,691,196, Cl. 22—130.
- Bank, Albert M., and A. J. Katz. 2,676,621, Cl. 140—71.
- Bank of America National Trust and Savings Association: *See*—
Calkins, Lyle E. 2,694,027.
McKenzie, Wendell R. 2,677,407.
- Bank of Salem: *See*—
Moore, Thomas M. Re. 23,903.
- Bankauf, William F., and A. E. Conover, to Hewitt-Robins Inc. 2,684,754, Cl. 198—220.
- Banker, Oscar H., to New Products Corp. Re. 23,857, Cl. 74—720.5.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Clutch shifting means for transmissions. 2,667,251, Jan. 26.
- Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Transmission. 2,668,453, Feb. 9.
- Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Hydraulic control for steering clutches. 2,669,330, Feb. 16.
- Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Adjustment motion transmitting and retaining device. 2,670,824, Mar. 2.
- Banks, Carl W.: *See*—
Carson, Nathan B., and Banks. 2,685,793.
- Banks, Clarence K.: *See*—
Weinberg, Elliott L., Banks, Johnson, and Gloskey. 2,684,956.
- Weinberg, Elliott L., Johnson, and Banks. 2,680,726.
- Banks, Cyril, and E. Banks, Jr. 2,678,644, Cl. 126—261.
- Banks, Edward, Jr.: *See*—
Banks, Cyril, and E. 2,678,644.
- Banks, John. 2,678,732, Cl. 210—167.
- Banks, Joseph G. H.: *See*—
Asbury, Allan, and Banks. 2,692,361.
- Banner, Robert G., and T. S. Perrin, assignors to Diamond Alkali Company. 2,678,259, Cl. 23—219.
- Bannerman, David B., Jr. 2,674,218, Cl. 114—202.
- Banneyer, Joseph. 2,677,868, Cl. 25—131.
- Banneyer, Joseph. 2,693,627, Cl. 25—131.
- Banneyer, Joseph. 2,697,864, Cl. 25—131.
- Banning, Thomas A., Jr., Chicago, Ill. Measuring and recording various well drilling operations. 2,671,346, Mar. 9.
- Banning, Thomas A., Jr. 2,683,769, Cl. 178—5.2.
- Bannister, Bryant. 2,687,541, Cl. 9—8.
- Bannister, Bryant, and R. L. Livingston, to United States Steel Corp. 2,685,216, Cl. 80—43.
- Bannister, Clyde E., assignee: *See*—
Eakin, Willard D. 2,677,352.
- Bannister, Constance. 2,688,208, Cl. 46—135.
- Bannister, Harold V., and H. C. Stevens, Jr., to Schield Bantam Co. 2,681,205, Cl. 254—186.
- Bannister, Lawrence H.: *See*—
Noble, Spencer W., and Bannister. 2,691,728.
- Banthin, John F., Bridgeport, Conn. Sheet feeder for printing presses. 2,670,203, Feb. 23.
- Banus, Bernard R., assignor to The Sterling Mfg. Company, Cleveland, Ohio. Battery voltmeter. 2,673,958, Mar. 30.
- Banus, Mario D., T. R. P. Gibb, Jr., and R. W. Bragdon, assignors, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. 2,678,949, Cl. 260—583.

- Banus, Mario D., and J. J. McSharry, to Metal Hydrides Inc. 2,688,575, Cl. 148—13.
- Bär, Max, assignor to "Knotex" Maschinenbau G. m. b. H. 2,679,676, Cl. 28—49.
- Barabash, Elisabeth: See—
White, Blanche B., and Barabash. 2,683,143.
- Baracate, Stephen, Troy, N. Y. Infant's feeding device. 2,669,234, Feb. 16.
- Barackett, Albert J., and E. Stein, to International Telephone and Telegraph Corp. 2,686,833, Cl. 178—69.5.
- Baral, Leon L.: See—
Ahlberg, Jacob E., Baral, and Tongue. 2,680,100.
- Baral, Leon L., and C. P. Wilson, Jr., to The Davison Chemical Corp. 2,684,340, Cl. 252—455.
- Barany, Edmund, assignor to Ampco Corporation. 2,678,971, Cl. 179—100—2.
- Barany, Edmund, and M. Sackter, to Ampco Corp. 2,687,881, Cl. 271—2.3.
- Barany, Edmund, H. W. Bauman, and M. Sackter, to Ampco Corp. 2,688,053, Cl. 179—100.2.
- Barbakoff, Sam. 2,694,542, Cl. 248—168.
- Barbarite, Robert, assignor to The United States Printing and Lithograph Company. 2,676,886, Cl. 95—5.4.
- Barbee, Floyd R.: See—
Happy, Russell E., and Barbee. 2,677,518.
- Barbehenn, Ralph L., to Johns-Manville Corp. 2,688,462, Cl. 251—225.
- Barber-Colman Co.: See—
Borchardt, Robert E. 2,695,439.
Johnson, Claus G.
Kennedy, Walter W. Re. 23,884.
Kennedy, Walter W. 2,679,912.
Marquardt, Edward O. 2,685,918.
Orr, John L.
Peterson, Burt A. 2,696,901.
Petrie, Jacob A. 2,697,382.
Townsend, Franklin L. 2,696,654.
- Barber, Everett M., to The Texas Co. 2,691,968, Cl. 123—32.
- Barber, Everett M., to The Texas Co. 2,692,587, Cl. 123—32.
- Barber, Follmer D.: See—
Ewing, John F., Brosious, and Barber. 2,685,971.
- Barber, Franklin D., Flossmoor, assignor to Standard Car Truck Company, Chicago, Ill. Lubricant reservoir for railway car journal bearings. 2,670,998, Mar. 2.
- Barber-Greene Co.: See—
Lehman, Herbert A. 2,696,289.
- Barber, Harry J., Gidea Park, assignor to May & Baker Limited, Dagenham, England. Preparing aryloxymethyl halides. 2,668,860, Feb. 9.
- Barber, Hiram L., and G. L. Sellars. 2,696,816, Cl. 126—384.
- Barber, Merlin E., Decatur, Ill. Machine for washing and rinsing glass meter covers and the like. 2,672,149, Mar. 16.
- Barber, Ralph F.: See—
Corley, Mark H., Arvidson, and Barber. 2,687,604.
- Barber, Raymond H. 2,691,120, Cl. 315—335.
- Barber, Robert R., G. E. Henning, and B. A. Raetsch, to Western Electric Co., Inc. 2,688,453, Cl. 242—80.
- Barbera, Robert A. 2,688,479, Cl. 267—1.
- Barberena, Orlando C. 2,697,401, Cl. 103—2.
- Barberis, Giovanni, to Riv-Officine di Villar Perosa Società per Azioni. 2,689,087, Cl. 235—101.
- Barbizon Corp. The: See—
Williams, Eleanor. 2,685,087.
Williams, Eleanor. 2,685,392.
- Barblok Inventions Proprietary Limited, assignee: See—
Heathcote, Albert E. 2,675,030.
- Barbuti, Renzo: See—
Angiolini, Aristide, and Barbuti. 2,690,596.
- Barcalo Mfg. Co.: See—
Vallone, Joseph M. 2,681,099.
- Barchoff, Abraham, assignor to Eastern Brass & Copper Co., Inc., New York, N. Y. Lifting and lowering tongs. 2,670,233, Feb. 23.
- Barclay, Cecil M. 2,697,987, Cl. 103—126.
- Barclay, Charles E., and E. Sturm, to International Minerals & Chemical Corp. 2,696,933, Cl. 222—70.
- Barclay, Condon V., assignee: See—
Abrahamsen, Albert A. 2,677,210.
- Barclay, Gaylord A., St. Petersburg, Fla. Foundation garment. 2,665,424, Jan. 12.
- Barcus, Anthony P., to Bar-Jon Mfg. Co. 2,690,895, Cl. 251—297.
- Barcus, Edward L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Auxiliary lamp snap-on filter. 2,668,903, Feb. 9.
- Barcus, Edward L., to General Motors Corp. 2,681,956, Cl. 200—61.3.
- Barcus, Edward L., to General Motors Corp. 2,683,193, Cl. 200—16.
- Bard, Elmer H., assignor to Geerpres Wringer, Inc., Muskegon, Mich. Clip for attaching pails to supporting chassis. 2,665,922, Jan. 12.
- Bardach-Schoene Company, Inc., assignee: See—
Schoene, Waldemar, and Monroe.
- Barco Manufacturing & Sales Company, assignee: See—
Juhnke, Roy E., and Castera. 2,677,876.
- Barden Corporation, The, assignee: See—
Mims, Bruce L. 2,675,621.
- Barden, Earl M., to Hupp Corp. 2,684,847, Cl. 268—124.
- Barden, Earl M., and I. H. Williams, assignors to Hupp Corporation. 2,679,889, Cl. 155—14.
- Bardsley, Robert F.: See—
Miller, Philip, and Bardsley. 2,695,634.
- Barfoot, Jocie C., Charlotte, N. C. Stop motion apparatus for wrapping machines. 2,668,404, Feb. 9.
- Barényi, Béla, Stuttgart, Germany. Jacking arrangement for vehicles. 2,672,317, Mar. 16.
- Barényi, Béla. 2,678,231, Cl. 296—28.
- Barényi, Béla. 2,693,982, Cl. 296—28.
- Baresch, Charles A., College Point, assignor to Morse Boulger Destructor Company, New York, N. Y. Activator control. 2,668,085, Feb. 2.
- Baresch, Charles A. 2,690,931, Cl. 302—28.
- Bargen, William J., Waukegan, Ill. Elevator top for desks. 2,668,093, Feb. 2.
- Bargen, William J., Waukegan, Ill. School desk seat support. 2,669,288, Feb. 16.
- Bargen, William J. 2,678,683, Cl. 155—124.
- Barham, Harold N., to Sharples Chemicals Inc. 2,684,961, Cl. 260—209.
- Baril, Edward J. 2,681,464, Cl. 15—144.
- Baril, Fernand, Labuissiere, France. Continuous filter with internal heat exchanges and automatic removal of sediments. 2,672,239, Mar. 16.
- Baring, John A., to Askania Regulator Co. 2,692,969, Cl. 323—48.
- Barish, Thomas, to Jack & Heintz, Inc. 2,693,254, Cl. 188—171.
- Bar-Jon Mfg. Co.: See—
Barcus, Anthony P. 2,690,895.
- Barkalow, Clare E., and S. Kellogg, 2d, to The Sperry Corp. 2,685,207, Cl. 74—5.37.
- Barker, Clifford L., and A. L. Hancock, to Walker Cross-weller & Co., Ltd. 2,690,883, Cl. 242—71.
- Barker, George E., assignor to Atlas Powder Company, Wilmington, Del. Solid compositions containing polyoxyethylene ethers and urea. 2,665,256, Jan. 5.
- Barker, John, Centralia, Ill. Portable cooking device. 2,664,876, Jan. 5.
- Barker, John L., to Eastern Industries, Inc. 2,695,404, Cl. 343—8.
- Barker, John P.: See—
Wilkinson, Joseph M., Jr., and Barker.
- Barker, Merrill G. 2,682,286, Cl. 145—33.
- Barker Poultry Equipment Co.: See—
Barker, Seth S., and Sharp. 2,691,795.
Sharp, Allen W. 2,694,220.
Sharp, Allen W., and Crane. 2,688,765.
- Barker, Richard W., Jeffersonville, and C. L. Ash, Sellasburg, Ind. Perspective drafting machine. 2,665,486, Jan. 12.
- Barker, Robert C., to Gulf Research & Development Co. 2,692,860, Cl. 252—75.
- Barker, Seth S., and A. W. Sharp, to Barker Poultry Equipment Co. 2,691,795, Cl. 17—45.
- Barker, Stephen: See—
Bennett, Walter, and Barker. 2,691,519.
- Barker, Wilbur V.: See—
Cook, Wilfred J., Barker, and Tuck. 2,686,757.
- Barker, William A., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for impressing transfer designs upon pottery blanks. 2,668,384, Feb. 9.
- Barker, William C., Jr., San Diego, Calif. Film developing hanger drip trough. 2,668,486, Feb. 9.
- Barkley, Dwight W., assignor to Libbey-Owens-Ford Glass Company. 2,675,740, Cl. 88—108.
- Barkley, Dwight W., assignor to Libbey-Owens-Ford Glass Company. 2,676,114, Cl. 117—38.
- Barklow, Ovid A. 2,691,941, Cl. 103—16.
- Barkow, Eugene V.: See—
Ashton, Benjamin N., and Barkow.
Ashton, Benjamin N., Barkow, and Frain.
- Barksdale, Lilburn S. 2,696,219, Cl. 137—621.
- Barkus, Homer A. 2,694,327, Cl. 81—46.
- Barlet, Stewart J., and A. H. Whitmore, Los Angeles, Calif. Illuminated screw driver. 2,670,427, Feb. 23.
- Barlow, Dick S., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Calling station identification circuit. 2,672,515, Mar. 16.
- Barlow, Marvin K., Ridgefield, Conn. Novelty animal spool support. 2,665,858, Jan. 12.
- Barlow, Sidney D. 2,686,616, Cl. 222—107.
- Barman, Pierre, Barcelona, Spain, assignor to Ciba Limited, Basel, Switzerland. Rendering nitrous gases innocuous. 2,673,141, Mar. 23.
- Barnaby, Roland E.: See—
Morrow, Charles T., Barnaby, and Nevala. 2,683,596.
- Barnard, Clayton H., to Bailey Meter Co. 2,685,205, Cl. 73—421.5.
- Barnard, Clayton H., and J. E. McEvoy, to Bailey Meter Co. 2,689,478, Cl. 73—190.
- Barnard, Harold: See—
Stivason, William L., and Barnard.
- Barnard, Kenneth H., and J. J. Dudkowski, to American Cyanamid Co. 2,695,895, Cl. 260—21.
- Barnard, William S. 2,675,660, Cl. 56—25.4.
- Barnby, Herbert A., and T. L. Ryan, to Owens-Illinois Glass Co. 2,694,516, Cl. 226—82.
- Barnebey, Herbert L., to Blaw-Knox Co. 2,691,460, Cl. 220—46.

- Barnes, Alfred A.: *See*—
Wilcox, Isaac L., Barnes, Patch, and Spurr. 2,692,463.
- Barnes, Alfred A., and R. Spurr, Syracuse, assignors to Oswego Falls Corporation, Fulton, N. Y. Mechanism for filling cartons. 2,666,565, Jan. 19.
- Barnes, Byron H., and B. S. Minor. 2,697,240, Cl. 15—210.
- Barnes, Donald S., Rochester, Mich. Poster assembly jig. 2,669,775, Feb. 23.
- Barnes Drill Co., assignee: *See*—
Caldwell, Harry J., and Seborg.
- Seborg, Earnest Y.
- Barnes, Fredrick R.: *See*—
Schmitt, Otto H., Barnes, Fails, and Fromm. 2,681,264.
- Barnes, Gladeon M., C. L. Fike, and A. G. Dean, to The Budd Co. 2,685,263, Cl. 108—5.4.
- Barnes, Herbert O., to Sangamo Electric Co. 2,695,371, Cl. 310—168.
- Barnes, James F. 2,679,954, Cl. 222—490.
- Barnes, James H. 2,696,409, Cl. 301—37.
- Barnes, John B., Jr. 2,686,096, Cl. 311—110.
- Barnes, John R. 2,698,093, Cl. 211—74.
- Barnes, Leo: *See*—
Reuter, Gottfried, and Barnes. 2,678,508.
- Barnes Mfg. Co.: *See*—
Montgomery, Horace M., and Smith. 2,684,033.
- Barnes, Marion W., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Circular updraft heater. 2,672,130, Mar. 16.
- Barnes, Norman F., Schenectady, N. Y., assignor to General Electric Company. Binocular optical system. 2,669,902, Feb. 23.
- Barnes, Norman F., assignor to General Electric Company. 2,679,013, Cl. 307—106.
- Barnes, Philip H. 2,689,500, Cl. 84—473.
- Barnes, Ralph G., Reno, Nev., assignor to Master Vibrator Company, Dayton, Ohio. Casing for flexible shafts. 2,671,325, Mar. 9.
- Barnes, Ralph G., $\frac{1}{2}$ to J. J. Gard and $\frac{1}{2}$ to Master Vibrator Co. 2,693,136, Cl. 94—48.
- Barnes & Reinecke, Inc., assignee: *See*—
Spannhake, Ernst W.
- Barnes, Richard W., to the United States of America as represented by the Secretary of the Air Force. 2,682,382, Cl. 244—148.
- Barnes, Robert B., and W. A. Fraser, assignors to American Optical Company. 2,676,109, Cl. 106—52.
- Barnes, Robert H. 2,688,876, Cl. 73—343.
- Barnes, Roger R., to Bethlehem Steel Co. 2,697,050, Cl. 134—15.
- Barnes, Ronald S., and W. Smith, to Imperial Chemical Industries Ltd. 2,689,247, Cl. 260—276.
- Barnes, Sanford H.: *See*—
North, Harper Q., Barnes, and Roach. 2,693,555.
- Barnes, Thomas H., and R. B. Bloss. 2,685,003, Cl. 191—48.
- Barnes, Tracy W., Webster Groves, assignor to John Ramming Machine Company, St. Louis, Mo. Thread chaser and chaser assembly. 2,667,651, Feb. 2.
- Barnes, Tracy W., to John Ramming Machine Co. 2,694,815, Cl. 10—120.5.
- Barnes, Vernon L., National Park, N. J. Adjustable template. 2,671,273, Mar. 9.
- Barnes, Walter C., Libertyville, and W. Brazitis, Homewood, Ill. Magnetizing means for rail flaw detector systems. 2,671,197, Mar. 2.
- Barnes, Walter C., and H. W. Keevil. 2,689,940, Cl. 324—37.
- Barnes, William A., Utica, N. Y., assignor to Utica Drop Forge & Tool Corporation. Compounded airfoil blade structure and making same. 2,673,709, Mar. 30.
- Barnes, William E.: *See*—
Chaney, Preston E., and Barnes. 2,697,585.
- Barnes, William E., to Sun Oil Co. 2,686,566, Cl. 166—165.
- Barnet, Fred G., assignor to Fulton Bag & Cotton Mills. 2,674,509, Cl. 312—31.
- Barnet, Henry B. 2,682,086, Cl. 19—109.
- Barnett, Allan E.: *See*—
Beach, Leland K., and Barnett.
- Barnett, Charles A., assignor to Young Brothers Company, Cleveland, Ohio. Heat processing apparatus. 2,668,366, Feb. 9.
- Barnett, Charles A. and C. H., Cleveland, Ohio. Drawer operating mechanism. 2,672,246, Mar. 16.
- Barnett, Clarence F., and C. B. Mills, Oak Ridge, Tenn., assignors to the United States of America as represented by the United States Atomic Energy Commission. Ion source. 2,668,260, Feb. 2.
- Barnett, Charles H.: *See*—
Barnett, Charles A. and C. H.
- Barnett, Edward L.: *See*—
Bishop, Le Roy D., Barnett, Gentel, and Leman. 2,697,528.
- Barnett, Frederick W., Houston, assignor of fifteen percent to L. Murfee, Harris County, and fifteen percent to Fulbright, Crooker, Freeman & Bates, Houston, Tex. Bag dispenser. 2,673,134, Mar. 23.
- Barnett, George F. 2,674,017, Cl. 20—92.
- Barnett, James W., and F. E. Gillett, assignors to E-Z-On Corporation. 2,679,262, Cl. 137—541.
- Barnett, Lawrence B. 2,697,460, Cl. 144—285.
- Barnett, Millicent W. 2,674,739, Cl. 2—50.
- Barnett, Roger L.: *See*—
Pederson, Henry C., and Barnett. 2,690,793.
- Barnett, Vertus C.: *See*—
McCall, Arthur B., and Barnett. 2,675,093.
- Barnett, Wilford J., Venice, and C. G. Carlson, Inglewood, Calif., assignors to Hughes Tool Company, Houston, Tex. Swivel joint for coaxial transmission lines. 2,667,578, Jan. 26.
- Barney, Arthur L., assignor to E. I. du Pont de Nemours and Company. 2,677,679, Cl. 260—85.5.
- Barney, Arthur L., assignor to E. I. du Pont de Nemours and Company. 2,677,699, Cl. 260—486.
- Barney, Freeman: *See*—
Foote, Elmer M., and Barney. 2,686,037.
- Barney, Freeman, assignor to The Challenge Machinery Company. 2,674,943, Cl. 101—269.
- Barney, Freeman, and J. W. Lee, to The Challenge Machinery Co. 2,681,104, Cl. 164—54.
- Barney, Harold L., to Bell Telephone Laboratories, Inc. 2,685,066, Cl. 333—11.
- Barney, Mary G. 2,681,526, Cl. 41—10.
- Barnhart, Adam B., New York, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Cabinet for sewing machines. 2,673,776, Mar. 30.
- Barnhart, William S.: *See*—
Crane, Grant, and Barnhart. 2,686,207.
- Barnish, Andrew W., Jr. 2,677,372, Cl. 128—215.
- Barns, Roy W., to The French Oil Mill Machinery Co. 2,695,304, Cl. 260—412.4.
- Barnstead Still and Sterilizer Co.: *See*—
Dwyer, Russell N., and Smith. 2,683,695.
- Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lamp housing. 2,673,703, Mar. 30.
- Barnum, H. E., assignee: *See*—
Whipple, Harry W. 2,680,337.
- Baroch, George F., to Motorola, Inc. 2,697,131, Cl. 178—69.5.
- Baron, Harold M., administrator: *See*—
Melton, Carl M.
- Baron, Leonard: *See*—
Rabkin, William, and Baron. 2,681,842.
- Barosso, Joseph A. 2,695,120, Cl. 223—88.
- Baroumes, Nina. 2,678,506, Cl. 36—8.5.
- Barr, Andrew R.: *See*—
Hamilton, Harry H., and Barr. 2,692,697.
- Barr, Charles, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Amphibious helicopter landing gear. 2,670,159, Feb. 23.
- Barr, Charles R., I. F. Salminen, and A. Weissberger, assignors to Eastman Kodak Company. 2,678,882, Cl. 95—6.
- Barr, Elizabeth A., Okemah, Okla. Plate for serving pie. 2,664,722, Jan. 5.
- Barr, Frank T.: *See*—
Gohr, Edwin J., Barr, and Roetheli. 2,697,718.
- Barr, Frank T., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. 2,676,875, Cl. 23—288.
- Barr, Frank T., and W. A. Rex, assignors to Standard Oil Development Company. 2,680,091, Cl. 202—27.
- Barr, James A., Jr., and F. H. Bunge, to Armour and Co. 2,695,100, Cl. 209—166.
- Barr, James R., Pittsfield, Mass., assignor to General Electric Company. Electrical cable clamp. 2,672,595, Mar. 16.
- Barr, James R., to General Electric Co. 2,686,300, Cl. 340—214.
- Barr, Le Roy H., assignor to Lear, Incorporated. 2,676,545, Cl. 103—41.
- Barr, Le Roy H., assignor to Lear, Incorporated. 2,680,031, Cl. 286—11.12.
- Barr, Myron E. 2,677,182, Cl. 33—23.
- Barr, Paschal W.: *See*—
Kerbaugh, Joseph F. and M. C., and Barr. 2,674,207.
- Barr Rubber Products Company, The, assignee: *See*—
Lawson, George S., and J. C.
- Barr, Solomon E., and C. I. Knecht, to Western Electric Co., Inc. 2,697,689, Cl. 204—222.
- Barr & Stroud Limited, assignee: *See*—
MacGill, Charles D.
- Barracough, R. W., Ltd.: *See*—
Barracough, Ronald W. 2,697,542.
- Barracough, Ronald W., $\frac{1}{2}$ to R. W. Barracough Ltd. 2,697,542, Cl. 226—49.
- Barradas, George, North Tarrytown, N. Y., and R. H. Motten, Jr., Darien, assignors to PM Industries, Incorporated, Stamford, Conn. Plastic injection device. 2,668,534, Feb. 9.
- Barradas, George, assignor to P M Industries, Incorporated. 2,677,373, Cl. 128—216.
- Barre Wool Combing Company, Ltd., The, assignee: *See*—
Place, Robert. 2,674,013.
- Barrell, Robert F.: *See*—
Hartwig, Edward C., and Barrell. 2,679,021.
- Barrell, Robert F., to Westinghouse Electric Corp. 2,693,561, Cl. 318—227.
- Barrett, Arthur L., to Joy Mfg. Co. 2,685,221, Cl. 85—2.4.
- Barrett, Arthur L., to Joy Mfg. Co. 2,696,376, Cl. 262—29.
- Barrett, Arthur L., and J. S. Beeney, Franklin, assignors to Joy Manufacturing Company, Pittsburgh, Pa. Material-receiving, storing, and discharging apparatus. 2,673,638, Mar. 30.

- Barrett, Arthur M., to Barrett-Cravens Co. 2,693,250, Cl. 187-9.
- Barrett, Charles F., Jr., Plainview, Tex. Reversible disk plow. 2,672,801, Mar. 23.
- Barrett-Cravens Co.: See—
- Barrett, Arthur M. 2,693,250.
- Barrett, Edward L., La Grange, Ill. Antenna rotator. 2,668,920, Feb. 9.
- Barrett, Edward L., to D. B. Alexander, E. R. Bourke, H. T. Chamberlain, J. F. Mannion, E. W. Schneider, W. A. Wade, and C. S. Vrtis, not individually but as trustees of the Arthur J. Schmitt Foundation. 2,684,396, Cl. 136-130.
- Barrett, Edward L., to D. B. Alexander, E. R. Bourke, H. T. Chamberlain, J. F. Mannion, E. W. Schneider, W. A. Wade, and C. S. Vrtis, not individually but as trustees of The Arthur J. Schmitt Foundation. 2,692,745, Cl. 248-45.
- Barrett, Elmer G. 2,681,046, Cl. 121-67.
- Barrett, Gerald R., assignor to Monsanto Chemical Company. 2,675,370, Cl. 260-78.5.
- Barrett, Harold G., and G. E. Thomson, assignors to Reynolds Printsign Co., Chicago, Ill. Hydraulic motion-transmitting mechanisms for printing machines and other purposes. 2,670,831, Mar. 2.
- Barrett, Harry B., St. Louis, Mo. Brake lining testing machine. 2,667,781, Feb. 2.
- Barrett, Harry B. 2,674,124, Cl. 73-101.
- Barrett, Harry B. 2,679,292, Cl. 164-48.
- Barrett, Hillard E., and C. S. Constantino, to Curtiss-Wright Corp. 2,687,868, Cl. 251-28.
- Barrett-Lennard, Hardinge, Lyons, Ill. Valve arrangement for flush tanks. 2,668,960, Feb. 16.
- Barrett, Leon, to D. L. Subin. 2,686,410, Cl. 66-126.
- Barricks, Arthur G., Chicago, Ill. Folding table leg and locking mechanism therefor. 2,672,387, Mar. 16.
- Barrie, William H.: See—
- Anderson, Clarence A., and Barrie. 2,683,254.
- Barron, Maurice. 2,686,421, Cl. 72-56.
- Barrow, James R., Columbiana, Ohio. Pressure tank. 2,673,010, Mar. 23.
- Barrow, Wilmer L., Manhasset, N. Y. Ultrahigh-frequency bridge circuit and apparatus. 2,666,132, Jan. 12.
- Barrows, Royal L.: See—
- Dowd, Howard M., and Barrows. 2,689,128.
- Barrus, Walter E. 2,681,806, Cl. 279-5.
- Barry, Anthony J.: See—
- Thomas, Edward M., and Barry. 2,696,137.
- Barry, Arthur F., Conroe, Tex. Separator. 2,671,322, Mar. 9.
- Barry, Arthur J., and D. E. Hook, assignors to Dow Corning Corporation. 2,676,091, Cl. 23-182.
- Barry, Arthur J., and J. W. Gilkey, to Dow Corning Corp. 2,681,355, Cl. 260-448.2.
- Barry Corporation, The, assignee: See—
- Crede, Charles E. 2,680,585.
- Markowski, Edwin P., and Symonds. 2,680,284.
- Barry, Davitt W., to Minco Products Corp. 2,686,729, Cl. 106-38.9.
- Barry, Harry W. 2,696,283, Cl. 193-35.
- Barry, John A.: See—
- McLauchlan, Arthur B., and Barry. 2,687,234.
- Barry, Joseph R. 2,678,232, Cl. 296-44.
- Barry-Wehmiller Machinery Company, assignee: See—
- Wehmiller, Frederick W., and Nekola.
- Barsel, Norman, to International Hormones, Inc. 2,691,662, Cl. 260-397.3.
- Barsky, Bernice E., Brooklyn, N. Y. Extensible knitting needie. 2,668,429, Feb. 9.
- Barsky, George: See—
- Molteni, Henry A., Masarky, and Barsky. Re. 23,823.
- Barsky, George, New York, N. Y., and G. Zinzalian, Boonton, N. J., assignors to E. F. Drew & Co., Inc., New York, N. Y. Hard butter composition. 2,667,418, Jan. 26.
- Barsky, George, New York, and S. Gottfried, Brooklyn, N. Y., said Gottfried assignor to said Barsky. Manufacture of maleic anhydride. 2,670,355, Feb. 23.
- Barsky, George, and G. Zinzalian, to E. F. Drew & Co., Inc. 2,685,592, Cl. 260-410.7.
- Barstow, Dorothy A. 2,693,177, Cl. 128-134.
- Barstow, George B. 2,695,474, Cl. 47-38.
- Barsy, Imre J., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Temperature-sensing method and unit. 2,666,799, Jan. 19.
- Bart, Siegfried G. 2,689,215, Cl. 204-26.
- Bartelink, Everhard H. B., Bronxville, N. Y., assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic volume control for alternating current. 2,671,849, Mar. 9.
- Bartels, Karl H., assignee: See—
- Schroeder, Paul.
- Bartelson, Sten E., to Radio Corp. of America. 2,685,417, Cl. 242-75.
- Bartelt, Donald E., assignee: See—
- Harker, Charles B.
- Bartelt Engineering Co.: See—
- Harker, Charles B. 2,691,857.
- Twigg, Robert W. 2,689,073.
- Bartelt, Harold L., assignee: See—
- Harker, Charles B.
- Barter, Robert F., Ruth, Nev. Method and apparatus for making slides. 2,669,279, Feb. 16.
- Bartes, August, Jr.: See—
- Mueller, William G., Cherepow, Bartes, and Klause. 2,692,074.
- Bartgis Brothers Company, The, assignee: See—
- Toensmeier, Patrick A. 2,678,767.
- Barth, Robert H.: See—
- Snow, John E., and Barth. 2,687,430.
- Barthel, Justus C., and R. Hastings, assignors to American Cyanamid Company. 2,680,694, Cl. 106-218.
- Barthenheier, Jakob: See—
- Neugebauer, Wilhelm, and Barthenheier.
- Bartholomae, Heinrich, Herne, assignor, by mesne assignments, to Firma Dipl.-Ing. Friedrich Heinrich Flottmann, Bochum, Germany. Drill bit remover. 2,664,621, Jan. 5.
- Bartholomew, Domenic L.: See—
- Wilder, Arthur S., Caplovich, and Bartholomew. 2,688,585.
- Bartholomew, George A., Pittsburgh, Pa. Nonclogging caves structure. 2,669,950, Feb. 23.
- Bartleson, John D.: See—
- Hughes, Everett C., and Bartleson.
- Hughes, Everett C., Alford, and Bartleson. 2,695,271.
- Hughes, Everett C., Hardman, Bartleson, and Sunday. 2,690,977.
- Bartleson, John D., Beachwood Village, assignor to The Standard Oil Company, Cleveland, Ohio. Treating asphalt with phosphorus sesquisulfide. 2,673,815, Mar. 30.
- Bartleson, John D., to The Standard Oil Co. 2,695,223, Cl. 44-76.
- Bartleson, John D., H. F. Hardman, and M. L. Sunday, to The Standard Oil Co. 2,690,976, Cl. 106-273.
- Bartleson, John D., and H. E. Alford, to The Standard Oil Co. 2,691,002, Cl. 252-32.7.
- Bartlett, Eleanor P. 2,675,101, Cl. 190-57.
- Bartlett, F. A., Tree Expert Company, assignee: See—
- Howard, Frank L., Caroselli, and Feldman. 2,677,637.
- Bartlett, Jeffrey H.: See—
- Tutwiler, Thomas S., and Bartlett. 2,678,919.
- Rogers, Dilworth T., and Bartlett. 2,694,684.
- Bartlett, Jeffrey H., Westfield, N. J., assignor to Standard Oil Development Company. Mineral oil composition containing copolymers of itaconic acid esters and a vinyl ester of a fatty acid. 2,666,747, Jan. 19.
- Bartlett, Jeffrey H., Westfield, N. J., assignor to Standard Oil Development Company. Polymerized carbonate ester lubricating oil additives. 2,673,185, Mar. 23.
- Bartlett, Jeffrey H., to Standard Oil Development Co. 2,694,685, Cl. 252-56.
- Bartlett, Jeffrey H., A. D. Kirshenbaum, and H. W. Rudel, assignors to Standard Oil Development Company. 2,680,094, Cl. 252-33.4.
- Bartlett, Jeffrey H., A. J. Morway, and G. E. Serniuk, to Standard Oil Development Co. 2,692,232, Cl. 252-41.
- Bartlett, Jeffrey H., F. Knoth, Jr., and J. Stewart, to Standard Oil Development Co. 2,693,493, Cl. 260-639.
- Bartlett, Kenneth M., to Thompson Products, Inc. 2,696,364, Cl. 253-39.15.
- Bartlett, Kenneth M., to Thompson Products, Inc. 2,696,434, Cl. 75-208.
- Bartlett, William W., and P. Smoot, to the United States of America as represented by the Secretary of the Navy. 2,683,986, Cl. 73-194.
- Bartley, Harry C., West Orange, and E. Umrath, Bloomington, assignors to Weston Electrical Instrument Corporation, Newark, N. J. Marker for recording apparatus. 2,673,138, Mar. 23.
- Bartlowe, Sterling, to Bohn Aluminum & Brass Corp. 2,685,634, Cl. 219-19.
- Bartlowe, Sterling S., to Bohn Aluminum & Brass Corp. 2,687,626, Cl. 62-126.
- Bartolat, Albert F., Gardena, Calif. Excess flow cutoff valve with adjustable valve seat. 2,668,555, Feb. 9.
- Barton, Benjamin D., to American Fire Apparatus Co. 2,681,831, Cl. 299-116.
- Barton, Bernard C., to United States Rubber Co. 2,689,842, Cl. 260-41.5.
- Barton, Edmund, to Imperial Chemical Industries Ltd. 2,692,657, Cl. 183-119.
- Barton, George C., and H. E. Elliott, to United Shoe Machinery Corp. 2,680,863, Cl. 12-12.4.
- Barton, Hugh M., Jr., to Phillips Petroleum Co. Re. 23,877, Cl. 339-17.
- Barton, James, to Imperial Chemical Industries Ltd. 2,684,898, Cl. 75-67.
- Barton, John R.: See—
- Swearingen, Judson S., and Barton. 2,690,196.
- Barton, Loy E., Princeton, N. J., assignor to Radio Corporation of America. Pulse discriminatory circuit. 2,666,135, Jan. 12.
- Barton, Loy E., Princeton, N. J., assignor to Radio Corporation of America. Construction of semiconductor devices. 2,666,874, Jan. 19.
- Barton, Loy E., assignor to Radio Corporation of America. 2,675,509, Cl. 317-235.
- Barton, Loy E., to Radio Corp. of America. 2,685,661, Cl. 315-21.
- Barton, Loy E., to Radio Corp. of America. 2,686,279, Cl. 317-235.

- Barton, Loy E., to Radio Corp. of America. 2,695,952, Cl. 250—20.
- Barton, Murray M., assignor to Injection Molding Company, Kansas City, Mo. Resilient container and closure therefor. 2,665,945, Jan. 12.
- Barton, Murray M., assignor to Injection Molding Company, Kansas City, Mo. Container. 2,673,661, Mar. 30.
- Barton, Murray M., assignor to Injection Molding Company. 2,678,471, Cl. 18—59.
- Barton, Robert B. 2,695,236, Cl. 99—78.
- Bartos, Frank L. 2,691,380, Cl. 134—113.
- Bartos, Jaroslav, to Usines Chimiques des Laboratoires Français. 2,686,782, Cl. 260—256.5.
- Bartow Beacons Inc., assignee: *See*—
- Bartow, John B.
- Bartow, John B., assignor to Bartow Beacons Inc., Blue Bell, Pa. Ray directing device. 2,665,387, Jan. 5.
- Bartram, Donald E. 2,679,745, Cl. 72—129.
- Bartrev Ltd.: *See*—
- Kinnear, Francis L. 2,689,597.
- Barth, Franz, and A. Slesacek, to General Refractories Co. 2,685,439, Cl. 263—15.
- Barusch, Maurice R.: *See*—
- Pinotti, Primo L., and Barusch. 2,691,572.
- Barz, Joseph J., assignor to Star Sprinkler Corporation, Philadelphia, Pa. Sprinkler head. 2,664,956, Jan. 5.
- Bascom, Henry, St. Louis, Mo. Expandable shoe tree. 2,673,360, Mar. 30.
- Basel, Monica H., and K. H. MacKay. 2,684,514, Cl. 24—205.16.
- Baselt, Frederick C., assignor to American Can Company. 2,676,744, Cl. 229—7.
- Baselt, Walter H., Chicago, Ill., and L. L. Whitney, Hammond, Ind., assignors to American Steel Foundries, Chicago, Ill. Welding brake beams. 2,671,952, Mar. 16.
- Bash, D'Arle G., Coral Gables, Fla. Bed construction. 2,666,213, Jan. 19.
- Basham, Raymond B., assignor to Westronics, Inc. 2,676,489, Cl. 73—342.
- Bashark, Nicholas, to The Parker Appliance Co. 2,691,537, Cl. 285—112.
- Bashor, Harley H. 2,676,524, Cl. 97—26.
- Bashore, Quinter E. 2,676,697, Cl. 198—210.
- Bashour, Joseph T.: *See*—
- Jones, Robert H., Lukes, and Bashour. 2,690,988.
- Bashour, Joseph T., assignor to Stauffer Chemical Company. 2,676,129, Cl. 167—22.
- Bashover, Albert: *See*—
- Prupis, Robert I., and Bashover. 2,697,227.
- Basic Refractories, Inc., assignee: *See*—
- Matirko, Chester A.
- Basile, Anthony X. 2,680,185, Cl. 219—19.
- Basilewsky, Alexis, to North American Solvay, Inc. 2,690,128, Cl. 103—53.
- Bass, John M., Sr., Amarillo, Tex. Strainer. 2,673,649, Mar. 30.
- Bass, Sam T., Jr., and J. W. Hancock, Jr. 2,695,591, Cl. 118—224.
- Basseches, Jacob T.: *See*—
- Bettmann, Ernest H., and Basseches. 2,696,682.
- Bassett, Edward H.: *See*—
- Spender, Donald L., and Bassett. 2,693,390.
- Bassett, Frederic H., to American Steel Foundries. 2,690,361, Cl. 308—38.
- Bassett, H. Y.: *See*—
- Nash, Herbert T. 2,694,187.
- Bassett, Howard D.: *See*—
- Groff, Frazier, and Bassett.
- Bassett, William E., Woodbridge, Conn. Nail clipper. 2,664,624, Jan. 5.
- Bassichis, Jack. 2,677,204, Cl. 38—71.
- Bassick Co., The: *See*—
- Claud-Mantle, Arthur. 2,674,205.
- Kramcsak, Michael, Jr. 2,685,351.
- Bassindale, Isaac B., Grasscroft, near Oldham, assignor to Platt Brothers and Company Limited, Oldham, England. Loom for weaving tufted pile fabrics. 2,667,188, Jan. 26.
- Bassindale, Isaac B., Grasscroft, near Oldham, assignor to Platt Brothers and Company Limited, Oldham, England. Spool Axminster carpet loom. 2,672,166, Mar. 16.
- Bassindale, Isaac B., and F. B. Schofield, to Platt Brothers and Co., Ltd. 2,690,772, Cl. 139—336.
- Bassinger, Ross, New Braunfels, Tex. Percussion tool for wells. 2,665,115, Jan. 5.
- Bassist, Rudolph. 2,674,109, Cl. 66—86.
- Basso, Julius C. 2,681,633, Cl. 116—28.
- Bassoff, Arthur B.: *See*—
- Praeg, Walter S., and Bassoff.
- Bastable, Edward H.: *See*—
- Small, Edward F., and Bastable. 2,673,994.
- Bastian, Arthur L., and A. F. Rapisarda, to Ward Leonard Electric Co. 2,693,558, Cl. 318—29.
- Bastian-Blessing Co., The: *See*—
- Rupp, Earl V., Adams, and Sundstrom. 2,674,263.
- Skurka, Joseph. 2,687,975.
- Bastian-Morley Co., Inc.: *See*—
- Morley, James P., and Cuff. 2,696,369.
- Bastin, Edgar J.: *See*—
- Goldfield, Edwin R., Stava, and Bastin.
- Bastin, Edgar J., assignor to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. Locking device for X-ray apparatus. 2,673,626, Mar. 30.
- Baston, Cyril E., to Westinghouse Electric Corp. 2,686,278, Cl. 317—198.
- Baston, Cyril E., Glenshaw, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Hand controller for plural drive motors. 2,669,682, Feb. 16.
- Bastow, Harry. 2,683,518, Cl. 197—9.
- Baszormenyi, Andre G. T., executor: *See*—
- Alcock, John F. 2,687,843.
- Bata, narodni podnik, assignee: *See*—
- Václavík, Jaroslav.
- Bataille, Roger, and G. Honorat, assignors to Societe Francaise des Telecommunications. 2,679,005, Cl. 250—36.
- Batcha, John J. 2,690,689, Cl. 81—57.
- Batchelder, George E., assignor to Rockwell Manufacturing Company, Pittsburgh, Pa. Piston meter. 2,667,784, Feb. 2.
- Batchelder, George E., assignor to Rockwell Manufacturing Company, Pittsburgh, Pa. Two-stage air eliminator. 2,673,618, Mar. 30.
- Batchelder, George E., to Rockwell Mfg. Co. 2,688,874, Cl. 73—260.
- Batchelder, James W., Weathersfield, Vt., assignor, by mesne assignments, to The Economy Engineering Company, Willoughby, Ohio. Screw thread rolling machine. 2,666,349, Jan. 19.
- Batcheller, Hugh W. 2,682,040, Cl. 339—258.
- Bate, Stanley C., F. G. Peach, and W. A. Rogerson, Spondon, near Derby, England, assignors to British Celanese Limited. Production of cellulose. 2,668,761, Feb. 9.
- Bateman, George H., R. L. Freeman, and D. W. Holbrook, assignors to A. C. Nielsen Company. 2,676,084, Cl. 346—37.
- Bateman, Lawrence G., to Delamere & Williams Co., Ltd. 2,696,381, Cl. 271—31.
- Bateman, William R., A. J. Matter, and J. E. Burns, to U-Kart Inc. 2,693,968, Cl. 280—36.
- Batenburg, Michael: *See*—
- Koehler, Raymond V., and Batenburg. 2,693,712.
- Bates, Byron W., to Boeing Airplane Co. 2,694,155, Cl. 307—64.
- Bates, C. J., & Son: *See*—
- Slingsby, Ernest W. 2,693,095.
- Bates, Emile B., Leicester, England. Hank twisting machine. 2,670,589, Mar. 2.
- Bates, Harold: *See*—
- Groombridge, Walter H., Bates, and Fisher. 2,680,693.
- Bates, Jack H., to The Dow Chemical Co. 2,683,698, Cl. 260—29.6.
- Bates, James E., Chenango Bridge, and J. G. Hainsworth, Endicott, assignors to General Aniline & Film Corporation, New York, N. Y. Stabilization of photographic glyoxal hardening solutions with water soluble boron compounds. 2,671,024, Mar. 2.
- Bates, John R., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Electrostatic sludge precipitation. 2,665,246, Jan. 5.
- Bates Mfg. Co.: *See*—
- Brant, Joseph H. 2,685,120.
- Faas, Walter. 2,685,929.
- Mills, George L.
- Wells, Richard D.
- Bates, Maurice E., North Amherst, Mass. Positional reference device. 2,665,497, Jan. 12.
- Bates, Ralph I., assignor to General Motors Corporation. 2,678,061, Cl. 137—512.15.
- Batesville Casket Company, The, assignee: *See*—
- Hillenbrand, George C., and Laugle.
- Hillenbrand, George C., and McCullough.
- Bathgate, Carl O., Rumson, assignor to Bendix Aviation Corporation, Teterboro, N. J. Proximity ammeter. 2,670,458, Feb. 23.
- Bathgate, Carl O., to Bendix Aviation Corp. 2,695,940, Cl. 201—51.
- Batho, William F., to Enterprise Railway Equipment Co. 2,690,137, Cl. 105—282.
- Bathurst Power & Paper Co. Ltd.: *See*—
- Limerick, Jack M. Re. 23,868.
- Bathurst, Thomas T. 2,695,417, Cl. 15—119.
- Batson, Arnold F.: *See*—
- Knopp, Harold E., and Batson. 2,688,650.
- Batt, Hugo. 2,679,785, Cl. 88—39.
- Batt, Richard W., assignor to United Aircraft Corporation. 2,680,001, Cl. 253—39.15.
- Battelle Development Corp., The: *See*—
- Safranek, William H., Schickner, and Faust. 2,692,850.
- Battelle Memorial Institute: *See*—
- Stephens, Frank M., Jr. 2,693,409.
- Battell, William J., Deep River, Ontario, Canada, and N. F. Moody, London, England, assignors to National Research Council, Ottawa, Ontario, Canada. Discriminator circuit. 2,673,294, Mar. 23.
- Battelle Development Corp.: *See*—
- Bircher, John R., Jr. 2,698,286.
- Craighead, Charles M. 2,687,350.
- Craighead, Charles M. 2,688,537.
- Schaffert, Roland M., McMaster, and Bixby.
- Snavelly, Cloyd A., Faust, and Bride. 2,693,444.
- Batten, Gerald R., Chicago, Ill. Compensator for shotguns. 2,668,479, Feb. 9.

- Batten, Percy H.: *See*—
 Ahlén, Karl G. 2,676,497.
 Ahlén, Karl G. 2,690,053.
 Ahlén, Karl G. 2,690,054.
 Boestad, Gustav K. W., and Nilsson. 2,674,089.
 Boestad, Gustav K. W., and Persson. 2,681,208.
 Boestad, Gustav K. W., and Svenningsson. 2,696,976.
 Horney, Fredrik, and Persson. 2,678,194.
 Mudersbach, Ernst H. 2,674,898.
 Mudersbach, Ernst H. 2,681,209.
 Ödman, Tor A. 2,683,350.
 Ödman, Tor A. 2,696,743.
 Ödman, Tor A. 2,697,330.
 Trulsson, Sven I., and Nilsson. 2,680,598.
 Battersby, Robert B., Darien, Conn., assignor to PM Industries, Incorporated. Plastic cone. 2,666,599. Jan. 19.
 Battersby, Robert B., Auburn, N. Y., assignor to PM Industries, Incorporated, Stamford, Conn. Treating plastic articles. 2,666,694. Jan. 19.
 Battey, Robert S., to Eastman Kodak Co. 2,697,044, Cl. 106—176.
 Battle, Henry W., assignor to Devoe & Reynolds Company, Inc., Louisville, Ky. Paintbrush cleaning method. 2,668,129, Feb. 2.
 Battle Creek Bread Wrapping Machine Co.: *See*—
 Smith, John W. 2,683,401.
 Battle Creek Packaging Machines, Inc.: *See*—
 Smith, John W. 2,694,964.
 Battles, Stewart S., Galesburg, Ill. Ornamental trim strip for cabinet tops. 2,665,183, Jan. 5.
 Battles, Stewart S., and L. H. Moos, Galesburg, assignors, by mesne assignments, to Admoor Corporation, Chicago, Ill. Metallic door construction. 2,665,781, Jan. 12.
 Batts, Harvey J.: *See*—
 Peterson, Lester C., and Batts. 2,692,000.
 Baty, Carroll W., Tarzana, Calif. Tightening reel for clotheslines. 2,670,924, Mar. 2.
 Bauder, William E., assignor to Jervis Corporation. 2,679,426, Cl. 292—332.
 Baudry, René A., and B. B. Winer, assignors to Westinghouse Electric Corporation. 2,679,606, Cl. 310—112.
 Bauer, Benjamin B., Oak Park, assignor to Shure Brothers, Incorporated, Chicago, Ill. Phonograph apparatus. 2,668,196, Feb. 2.
 Bauer Bros. Co., The: *See*—
 Woodruff, Maurice D. 2,696,327.
 Bauer, Ernest K., to American Viscose Corp. 2,697,251, Cl. 18—8.
 Bauer, Ernest K., and W. E. James, to American Viscose Corp. 2,691,809, Cl. 28—38.
 Bauer, Frank W. 2,675,039, Cl. 146—17.
 Bauer, Franz, to H. Naimer. 2,684,412, Cl. 200—16.
 Bauer, Frederick. 2,687,134, Cl. 132—142.
 Bauer, Jacob L., assignor to Standard Oil Development Company. 2,674,069, Cl. 51—120.
 Bauer, Klaus: *See*—
 Hiltman, Rudolf, Auhagen, and Bauer. 2,676,173.
 Bauer, Kurt: *See*—
 Herring, Arthur, and Bauer.
 Bauer, Kurt P., to Textile Machine Works. 2,684,582, Cl. 66—89.
 Bauer, La Verne N.: *See*—
 Van Horne, William L., Neher, and Bauer. 2,684,355.
 Bauer, La Verne N., and H. T. Neher, to Rohm & Haas Co. 2,692,256, Cl. 260—86.1.
 Bauer, Oliver F.: *See*—
 Gleason, James E., and Bauer. 2,692,537.
 Bauer, Paul C.: *See*—
 Kottmann, Arthur A., and Bauer.
 Bauer, Paul C., assignor, by mesne assignments, to American Machine & Foundry Company. 2,676,692, Cl. 198—27.
 Bauer, Rudolf: *See*—
 Passing, Heinrich, Bauer, and Delfs. 2,692,867.
 Bauer, William E., Chicago, Ill. Refrigeration apparatus. 2,671,603, Mar. 9.
 Bauer, William E., to the United States of America as represented by the Secretary of the Navy. 2,688,313, Cl. 121—38.
 Bäuerle, Kurt: *See*—
 Junghans, Helmut, Schlenker, and Bäuerle. 2,695,342.
 Bauernfeind, George: *See*—
 Hopkins, Thomas H. M., and Bauernfeind.
 Bauersachs, Elizabeth, administratrix: *See*—
 Bauersachs, Walter. 2,679,780.
 Bauersachs, Walter, deceased, by E. Bauersachs, administratrix, assignor to Hahn & Kolb. 2,679,780, Cl. 82—32.
 Baugh, Everett L., to General Motors Corp. 2,696,403, Cl. 296—44.
 Baugh, Henry M.: *See*—
 Arnold, Melvin R., and Baugh.
 Baule, Werner G., assignor to Borg-Warner Corporation. 2,679,768, Cl. 74—645.
 Bauling, Adrianus L., Deventer, Netherlands, and D. T. Milne, Fredericksburg, Va., assignors to American Viscose Corporation, Wilmington, Del. Rendering films and the like water-repellent, greaseproof, and moistureproof. 2,672,427, Mar. 16.
 Baum, John W., Eugene, Oreg. Trolling harness. 2,667,008, Jan. 26.
 Baum, Richard V., Akron, C. D. Morrill, Cuyahoga Falls, and I. B. Osofsky, assignors to Goodyear Aircraft Corporation, Akron, Ohio. Electric plug in decade resistance unit. 2,670,422, Feb. 23.
 Bauman, Harold W.: *See*—
 Barany, Edmund, Bauman, and Sackter. 2,688,053.
 Bauman, Harold W. 2,682,410, Cl. 274—4.
 Bauman, Harold W., and W. L. Eddy, to Ampro Corp. 2,686,846, Cl. 179—100.2.
 Bauman, Jack L., Canton, Ill., assignor to International Harvester Company. Rear section support for tractor mounted implements. 2,670,669, Mar. 2.
 Bauman, Joseph J., and R. H. Dean, to Kurz-Kasch, Inc. 2,691,552, Cl. 306—29.
 Bauman, William C., to The Dow Chemical Co. 2,684,331, Cl. 210—24.
 Bauman, William C., and E. L. McMaster, assignors to The Dow Chemical Company, Midland, Mich. Making chloromethyl methyl ether. 2,667,516, Jan. 26.
 Bauman, William C., and E. L. McMaster, to The Dow Chemical Co. 2,681,939, Cl. 260—614.
 Baumann, Curt: *See*—
 Baumann, William. 2,688,810.
 Baumann, Fritz: *See*—
 Thielert, Hermann, and Baumann. 2,693,469.
 Baumann, Fritz, B. Bienenert, and G. Rösch, to Farbenfabriken Bayer Aktiengesellschaft. 2,683,643, Cl. 8—1.
 Baumann, George P., to Standard Oil Development Co. 2,687,982, Cl. 196—14.2.
 Baumann, Martin, Chicago, Ill., assignor to International Paper Company, New York, N. Y. Shipping container. 2,665,050, Jan. 5.
 Baumann, Martin M., to International Paper Co. 2,691,500, Cl. 248—120.
 Baumann, Martin M., to International Paper Co. 2,696,356, Cl. 248—120.
 Baumann, Martin, and N. M. Sider, Chicago, Ill., assignors to International Paper Company, New York, N. Y. Shipping package. 2,665,002, Jan. 5.
 Baumann, William, to C. Baumann. 2,688,810, Cl. 36—10.
 Baumbach, Harold D. 2,693,249, Cl. 184—105.
 Baumgardner, Ross H.: *See*—
 Perry, Richard D., and Baumgardner. 2,676,572.
 Baumgardner, Versal F., $\frac{1}{2}$ to J. E. Brown. 2,698,167, Cl. 259—156.
 Baumgardner, Willis A. 2,677,021, Cl. 200—30.
 Baumgart, Harvey C., Cicero, Ill. Combination plumb bob and chalk-line reel. 2,673,398, Mar. 30.
 Baumgarten, Peter K., E. J. Hoffmann, and E. F. Wadley, to Standard Oil Development Co. 2,694,671, Cl. 196—36.
 Baumgarten, Werner, Drexel Hill, Pa., assignor to Merck & Co., Inc. Purifying streptokinase. 2,666,729, Jan. 19.
 Baumgartner, Eric A., $\frac{1}{8}$ to F. R. Britton, and $\frac{1}{8}$ to J. O. Bergman. 2,696,973, Cl. 255—64.
 Baumgartner, John G. 2,685,477, Cl. 300—21.
 Baumgartner, John R. 2,682,218, Cl. 101—247.
 Baumgartner, John R. 2,685,805, Cl. 76—107.
 Baumgartner, Luther L., assignor to The B. F. Goodrich Company. 2,674,527, Cl. 71—2.3.
 Baumgartner, Roy L. 2,680,858, Cl. 6—1.
 Baums, Otto: *See*—
 Jochenning, Franz, and Baums.
 Baumstark, George: *See*—
 Koren, Heiman W., and Baumstark. 2,696,515.
 Baumstark, Leopold. 2,696,349, Cl. 235—98.
 Bausch & Lomb Optical Co.: *See*—
 Gallasch, Bernhardt G. 2,677,987.
 Gay, Fred G., Jr., and Ragaisis. 2,677,824.
 Gay, Fred G., Jr., and Stegeman. 2,688,395.
 Gerhardt, Robert V. 2,678,228.
 Markell, Stanley. 2,688,273.
 Stegeman, Raymond F. E. 2,688,135.
 Bayer, Clyde B., to Babcock & Wilcox Co. 2,683,590, Cl. 257—2.
 Bayer, Clyde B., to The Babcock & Wilcox Co. 2,688,466, Cl. 257—224.
 Bayley, Abraham, C. J. Knuth, W. A. Lazier, and A. E. Timreck, to Chas. Pfazzer & Co., Inc. 2,689,202, Cl. 167—81.
 Bax, Clemens J., Kansas City, Mo. Receptacle cover. Chas. Pfizer & Co., Inc. 2,691,619, Cl. 167—81.
 Bax, Clemens J., Kansas City, Mo. Receptacle cover. 2,667,988, Feb. 2.
 Baxandall, Gerald, assignor to The Wayne Pump Company. 2,675,944, Cl. 222—35.
 Baxter, Benjamin. 2,676,613, Cl. 137—513.3.
 Baxter, Bruce L., assignor to Reynolds Metals Company. 2,680,353, Cl. 62—126.
 Baxter, Charles E., Jr., Wood-Ridge, N. J. Device for applying antiskid chains to vehicle wheels. 2,671,364, Mar. 9.
 Baxter, Don, Inc.: *See*—
 Cherkin, Arthur, and Thornton. 2,697,521.
 Putz, Rodney B.
 Baxter, James C., Minerva, and J. H. French, Beloit, Ohio. Shipping tube with integral end closure. 2,670,129, Feb. 23.
 Baxter, James G.: *See*—
 Robeson, Charles D., and Baxter. 2,680,755.

- Baxter, Joseph, Jr., Franklin, assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,669,165, Feb. 16.
- Baxter, Joseph, Jr., to The Black-Clawson Co. 2,681,598, Cl. 92—26.
- Baxter, Joseph, Jr., to The Black-Clawson Co. 2,695,550, Cl. 92—43.
- Baxter, Joseph, Jr., W. D. Herrick, and F. Javid, to The Black-Clawson Co. 2,681,721, Cl. 198—1.
- Baxter, Thomas R.: *See*—
- Pardee, Edward A., and Baxter. 2,695,423.
- Baxter, Thomas R., Mount Vernon, Ohio, assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Package. 2,672,233, Mar. 16.
- Bay, Ernest, to Owens-Corning Fiberglas Corp. 2,693,844, Cl. 154—176.
- Bay, Raymond. 2,693,155, Cl. 107—29.
- Bay, Thomas J., Lyden, Wash. Engine cooling apparatus. 2,670,933, Mar. 2.
- Bayer, Otto: *See*—
- Becker, Wilhelm, and Bayer. 2,695,899.
- Graulich, Wilhelm, Becker, and Bayer. 2,678,924.
- Lober, Friedrich, Bayer, Bogemann, and Schneider. 2,695,898.
- Schmelzer, Albert, and Bayer.
- Stein, Eberhard, and Bayer. 2,698,343.
- Bayerische Motoren Werke A. G., assignee: *See*—
- Haller, Andreas.
- Bayford, Leslie J. C., and P. Seats, to Electric & Musical Industries Ltd. 2,681,293, Cl. 117—33.5.
- Bayles, Fred R., Waukesha, Wis., assignor, by mesne assignments, to Gar Wood Industries, Incorporated. Hydraulic pump. 2,669,933, Feb. 23.
- Bayley, Charles A. D., Washington, D. C. Subaqueous supporting structure for working platforms. 2,667,038, Jan. 26.
- Bayley, George R., Flint, assignor to General Motors Corporation, Detroit, Mich. Automotive vehicle hood edge bumper. 2,672,942, Mar. 13.
- Bayley, George R., to General Motors Corp. 2,696,774, Cl. 98—2.
- Bayliss, Alan J., and L. C. Stenning, to The General Electric Co. Ltd. 2,689,950, Cl. 340—183.
- Baylor, Arthur D., assignor to Avco Manufacturing Corporation. 2,678,415, Cl. 318—208.
- Baynard, L. W.: *See*—
- Bradley, James A. 2,690,555.
- Bayshore Industries, Inc., assignee: *See*—
- Mafko, Rudolf.
- Baysinger, Paul: *See*—
- Pace, Walter R., and Baysinger. 2,676,778.
- Bay State Abrasive Products Co.: *See*—
- Buckner, Orello S. 2,682,733.
- Buckner, Orello S. 2,682,735.
- Bayston, John R., trustee, assignee: *See*—
- McShan, Dormon B.
- Baze, Grady P., Idalou, Tex. Plastic tractor cab. 2,667,379, Jan. 26.
- Bazzoni, Charles B., and L. G. Ellis, assignors to Sun Oil Company. 2,675,882, Cl. 181—0.5.
- Beach, Earl F.: *See*—
- Edwards, Andrew W., and Beach.
- Owens, James B., and Beach.
- Owens, James B., and Beach. 2,697,153.
- Wallace, James M., and Beach. 2,692,313.
- Beach, Eugene H. 2,677,735, Cl. 200—110.
- Beach, Frederick G. 2,697,038, Cl. 95—2.
- Beach, Irl S. 2,689,518, Cl. 99—441.
- Beach, Justice H., and J. E. Vance, Canton, assignors to The Hoover Company, North Canton, Ohio. Smoothing iron. 2,668,897, Feb. 9.
- Beach, Leland K., Mountainside, and A. E. Barnett, Westfield, N. J., assignors to Standard Oil Development Company. Preparation of alkyl mercaptans. 2,667,515, Jan. 26.
- Beach, Perry A., Rochester, Minn. Filler disk for buffing machines. 2,668,976, Feb. 16.
- Beacham, Harry H., to National Lead Co. 2,686,133, Cl. 106—189.
- Beacham, Robert C., Richmond, Calif., assignor to Cutter Laboratories, Inc. Blood transfer set. 2,670,740, Mar. 2.
- Beachler, Edward D., assignor to Beloit Iron Works, Beloit, Wis. Suction press assembly. 2,666,371, Jan. 19.
- Beachler, Edward D., to Beloit Iron Works. 2,694,348, Cl. 92—49.
- Beachy, Charles E. 2,693,329, Cl. 244—153.
- Beacon Production Equipment Corp.: *See*—
- Fenton, Frank W. 2,689,965.
- Bead Chain Mfg. Co.: *See*—
- Hall, Bartley E. 2,681,545.
- Beal, Philip F.: *See*—
- Hogg, John A., Beal, and Lincoln. 2,695,906.
- Beal, Robert E., and E. B. Lancaster, assignors to United States of America as represented by the Secretary of Agriculture. 2,674,609, Cl. 260—428.
- Beale, Charles E., and H. E. Hopley, assignors to Automatic Telephone & Electric Company Limited, Liverpool, England. Automatic switch for use in telephone or like systems. 2,667,541, Jan. 26.
- Beale, Evelyn S. L., assignor to International Standard Electric Corporation. 2,678,406, Cl. 315—24.
- Beale, Howard S., San Francisco, Calif. Gauge for setting jointer knives and methods. 2,667,702, Feb. 2.
- Beale, William T.: *See*—
- Nauman, Raymond L., Beale, and Sorensen. 2,696,680.
- Beall, Charles R., and L. B. Reynolds, La Grange, assignors to West Point Manufacturing Company, West Point, Ga. Set mark eliminator. 2,665,715, Jan. 12.
- Beall, David: *See*—
- Young, John W., and Beall. 2,675,007.
- Beall, Desmond, and G. A. Grant, to American Home Products Corp. 2,696,265, Cl. 167—74.5.
- Beall, John E.: *See*—
- Clark, Willis E., and Beall.
- Martin, Earnest E.
- Beall, Robbie. 2,683,441, Cl. 119—103.
- Beall, Russell M., to Overhead Door Corp. 2,684,846, Cl. 268—58.
- Beam, Albert S., and C. B. Stapleton, to Vinco Corp. 2,689,410, Cl. 33—179.5.
- Beam, Jon W., assignor to Deep Rock Oil Corporation. 2,674,128, Cl. 73—305.
- Beam, Jon W., to Deep Rock Oil Corp. 2,686,512, Cl. 123—191.
- Beam, Jon W., to Deep Rock Oil Corp. 2,688,588, Cl. 196—52.
- Beam, Richard L., assignor to Faximile, Inc. 2,678,255, Cl. 346—101.
- Beamish, Bernard D., to Honeycomb Co. of America, Inc. 2,687,150, Cl. 143—4.
- Beams, Jesse W., and H. S. Morton, Jr., Charlottesville, Va., assignors to the United States of America as represented by the Secretary of the Navy. Transmission line Kerr cell. 2,666,363, Jan. 19.
- Beams, Jesse W., E. E. Kinsey, and L. B. Snoddy, deceased (by The Peoples National Bank, executor), to the United States of America as represented by the Secretary of the Navy. 2,691,306, Cl. 74—5.6.
- Bean, Calvin. 2,686,097, Cl. 312—293.
- Bean, Fields R., Del Mar, Calif. Windshield wiper guard. 2,670,493, Mar. 2.
- Bean, Frederick R.: *See*—
- Kridel, Donald J., Bean, and Rogers.
- Bean, James J., to American Cyanamid Co. 2,690,262, Cl. 209—172.5.
- Bean, Morris, & Company, assignee: *See*—
- Bean, Morris, and Beatty.
- Bean, Morris, and W. Beatty, assignors to Morris Bean & Company, Yellow Springs, Ohio. Steel banded aluminum mold. 2,665,967, Jan. 12.
- Bean, Ralph B. 2,690,927, Cl. 294—100.
- Bean, Russell K. 2,696,752, Cl. 88—24.
- Bean, Samuel, assignee: *See*—
- Dickman, Jacob I.
- Beane, Carson H., to The Brewer-Titchener Corp. 2,688,237, Cl. 62—117.55.
- Bear Archery Company, assignee: *See*—
- Bear, Frederick B.
- Bear, Frederick B., assignor to Bear Archery Company, Grayling, Mich. Composite archery bow. 2,665,678, Jan. 12.
- Bear, Harry A., Terre Haute, Ind. Holder for fishing implements. 2,667,009, Jan. 26.
- Bear Mfg. Co.: *See*—
- Krause, Raymond S., and Holaday. 2,694,925.
- Bear, Vera L. 2,678,196, Cl. 259—144.
- Beard, Arthur D.: *See*—
- Bensky, Lowell S., and Beard. 2,679,638.
- Beard, Fred. 2,686,599, Cl. 211—50.
- Beard, Joseph G., Haddonfield, N. J., assignor to Radio Corporation of America. Time interval measurement. 2,673,956, Mar. 30.
- Beard, Leslie C., Jr., assignor to Socony-Vacuum Oil Company, Incorporated. 2,678,132, Cl. 210—42.5.
- Beard, Leslie R. 2,679,665, Cl. 20—55.
- Beard, Ralph M. 2,691,408, Cl. 155—112.
- Beard, Robert L., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Crepe fabric. 2,669,766, Feb. 23.
- Beardsley, Gale R., assignor to International Harvester Company. 2,680,520, Cl. 210—164.
- Bearer, Louis C., assignor to Phillips Petroleum Company. 2,675,999, Cl. 257—55.
- Bearer, Louis C., to Phillips Petroleum Co. 2,689,047, Cl. 209—247.
- Bearings Company of America, assignee: *See*—
- Pusey, Wesley B., and Spicacci.
- Beasley, Allen G., assignor to C. W. Beasley, Spokane, Wash. Expansion tool. 2,664,620, Jan. 5.
- Beasley, Allen G., assignor to C. W. Beasley, Spokane, Wash. Bicycle fork straightening tool. 2,667,798, Feb. 2.
- Beasley, Arthur M., Birmingham, Mich. Table leg mounting and storing cleat. 2,673,772, Mar. 30.
- Beasley, Arthur M. 2,675,839, Cl. 144—303.
- Beasley, Charley W., assignee: *See*—
- Beasley, Allen G.
- Beasley, Don L., to Wood Bros., Inc. 2,685,450, Cl. 280—92.
- Beatrice Foods Company, assignee: *See*—
- North, Gerald C., Klein, and Noznick.
- Beattie, Horace S., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Ink ribbon feeding and ink ribbon positioning mechanism for printing machines. 2,672,092, Mar. 16.

- Beattie, Horace S., to International Business Machines Corp. 2,698,136, Cl. 235—61.8.
- Beattie, Horace S., R. E. Page, and J. F. Kerbin, to International Business Machines Corp. 2,687,086, Cl. 101—93.
- Beattie, John O., Stamford, assignor to Cast Optics Corporation, Riverside, Conn. Producing transparent polystyrene sheets. 2,665,452, Jan. 12.
- Beatty Bros. Ltd.: *See—*
- Stevenson, Evan H. 2,688,241.
- Beatty, John W., to General Electric Co. 2,691,085, Cl. 200—148.
- Beatty, John W., Lansdowne, and H. N. Schneider, Springfield, Pa., assignors to General Electric Company. Blast diffusing means for electric circuit breakers of the fluid-blast type. 2,667,555, Jan. 26.
- Beatty, William: *See—*
- Bean, Morris, and Beatty.
- Beaubien, Stewart J.: *See—*
- Talley, Samuel K., Beaubien, and Richardson. 2,692,859.
- Beauchamp, Thomas R. 2,687,912, Cl. 293—64.
- Beauchemin, Clement J., Farmington, Conn. Signal system for vehicles. 2,673,974, Mar. 30.
- Beaudry, George D.: *See—*
- Brink, Theodore R., Beaudry, and Longdon.
- Beaumont Birch Co.: *See—*
- Hampton, John H. 2,686,986.
- Hampton, John H., and Pynor. 2,686,083.
- Beaumont, James O., to Minneapolis-Honeywell Regulator Co. 2,692,945, Cl. 250—27.
- Beau-T-Form Foundations, Inc., assignee: *See—*
- Sutter, Edward R.
- Sutter, Edward R. 2,676,320.
- Beaver Art Metal Corporation, assignee: *See—*
- Maroney, Clair F., McGrew, and Weisz. 2,680,655.
- Maroney, Clair F., Weisz, and McGrew.
- Beaver, David J., Richmond Heights, assignor to Monsanto Chemical Company, St. Louis, Mo. Preservation of butadiene copolymers. 2,668,161, Feb. 2.
- Beaver, David J., Richmond Heights, assignor to Monsanto Chemical Company, St. Louis, Mo. Preservation of citrus fruit. 2,673,159, Mar. 23.
- Beaver, David J., Richmond Heights, Mo., and G. L. Magoun, Nitro, W. Va., assignors to Monsanto Chemical Company, St. Louis, Mo. Compound selected from the group consisting of thio bis [3-methyl-6-(1,1,3,3-tetramethyl butyl) phenol] and thio bis(3-methyl-6-T-dodecyl phenol). 2,670,383, Feb. 23.
- Beaver, David J., P. J. Stoffel, and R. S. Shumard, assignors to Monsanto Chemical Company. 2,678,302, Cl. 252—107.
- Beaver, John F., Jr. 2,696,466, Cl. 204—23.
- Beaver Pipe Tools, Inc.: *See—*
- Pealer, Robert B. 2,690,915.
- Pealer, Robert B. 2,696,988.
- Shafer, Clarence W.
- Beavers, Ellington M., to Rohm & Haas Co. 2,692,270, Cl. 260—346.8.
- Beavers, James L., Yakima, Wash. Fluid diverter. 2,667,185, Jan. 26.
- Beavis, Hugh: *See—*
- Ingwer, Carl H., and Beavis. 2,680,861.
- Beber, Samuel L. 2,681,163, Cl. 220—3.6.
- Beber, Samuel L., and J. H. Feig. 2,684,220, Cl. 248—27.
- Bebinger, Charles N., New Philadelphia, Ohio, assignor to Joy Manufacturing Company. Apparatus for the loading of shaker conveyers. 2,670,073, Feb. 23.
- Bebinger, Charles N., assignor to Joy Manufacturing Company. 2,677,476, Cl. 214—660.
- Bebry Bedding Corp.: *See—*
- Bebry, Peter P. 2,691,780.
- Bebry, Peter P., to Bebry Bedding Corp. 2,691,780, Cl. 5—13.
- Bechard, Conrad E., and W. P. Schoenoff, to General Electric Co. 2,696,880, Cl. 164—51.
- Bechberger, Paul F., assignor to Bendix Aviation Corporation. 2,676,284, Cl. 317—13.
- Bechberger, Paul F., assignor to Bendix Aviation Corporation. 2,680,373, Cl. 73—88.5.
- Becher, Hubert L., assignor to Homasote Company. 2,680,102, Cl. 260—17.3.
- Bechle, Rudolph P., Yonkers, assignor to Potdevin Machine Company, Brooklyn, N. Y. Locking mechanism for locking laterally adjustable cylinder bearings. 2,673,766, Mar. 30.
- Bechler, André. 2,691,205, Cl. 29—40.
- Bechman, William O., to International Harvester Co. 2,690,933, Cl. 305—8.
- Bechtler, Hans C., Zurich, Switzerland, assignor to Pneumafil Corporation, Charlotte, N. C. Textile machinery. 2,672,723, Mar. 23.
- Bechtol, Lewis D., Burket, Ind. Spray type washing machine. 2,666,439, Jan. 19.
- Bechtold, James H., B. Lustman, and H. Scott, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Producing ductile molybdenum. 2,666,721, Jan. 19.
- Beck, Alfred C., and D. H. Ring, to Bell Telephone Laboratories, Inc. 2,691,734, Cl. 250—36.
- Beck, Bernice. 2,682,403, Cl. 273—1.5.
- Beck, Charles E., to General Electric Co. 2,683,865, Cl. 339—146.
- Beck, Charles E., to Motorola, Inc. 2,691,560, Cl. 312—7.
- Beck, Edwin H., to Manufacturers Supplies Co. 2,687,634, Cl. 69—9.5.
- Beck, Harold D., Caledonia, Ill. Tire chain connector. 2,664,608, Jan. 5.
- Beck, Harold R., and R. S. Detrick, to Koppers Co., Inc. 2,697,697, Cl. 260—28.5.
- Beck, Henry E., to J. I. Case Co. 2,694,281, Cl. 56—18.
- Beck, Hope G. 2,693,035, Cl. 33—174.
- Beck, Howard G., to The General Tire and Rubber Co. 2,683,905, Cl. 20—56.4.
- Beck, Howard G., to The General Tire and Rubber Co. 2,684,524, Cl. 29—235.
- Beck, Howard G., to The General Tire and Rubber Co. 2,693,009, Cl. 20—35.
- Beck, Howard G., to The General Tire and Rubber Co. 2,698,072, Cl. 189—78.
- Beck, John T., to Beck's Inc. 2,683,839, Cl. 317—101.
- Beck, John T., to Beck's Inc. 2,695,351, Cl. 201—64.
- Beck, Karl M.: *See—*
- Weston, Arthur W., Sommers, and Beck. 2,684,965.
- Beck, Leo: *See—*
- Masich, Edward J., Miller, and Beck. 2,695,509.
- Beck, Morris B., Woodsburgh, N. Y., assignor to Products Designs Co., Fairhaven, N. J. Lighting fixture. 2,666,844, Jan. 19.
- Beck, Roland A.: *See—*
- Throckmorton, Morford C., Beck, and Rambo. 2,692,888.
- Beck, Rudolf, to Manning, Maxwell & Moore, Inc. 2,693,112, Cl. 73—369.
- Beck, Rudolf, and V. S. Belpedio, Fairfield, Conn., assignors to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Thermometer case. 2,666,328, Jan. 19.
- Beck, Warren R., to Minnesota Mining & Mfg. Co. 2,687,968, Cl. 106—53.
- Beck, William R., to Goodman Mfg. Co. 2,690,884, Cl. 242—92.
- Beckberger, La Vern H., Markham, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalytic dehydrogenation of aliphatic nitriles. 2,671,107, Mar. 2.
- Beckberger, La Vern H., assignor to Sinclair Refining Company. 2,674,635, Cl. 260—672.
- Becke, Friedrich, and O. Flieg, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,697,094, Cl. 260—231.
- Beckel, Arthur C., Peoria, and P. A. Belter, Pekin, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Protein adhesives. 2,668,766, Feb. 9.
- Beckelman, Abraham. 2,679,955, Cl. 223—68.
- Becker, Albert W., to The Automotive Safety Device Co. 2,690,094, Cl. 88—81.
- Becker, Aloysius J., to Shell Development Co. 2,687,806, Cl. 210—196.
- Becker, Anton. 2,680,413, Cl. 105—200.
- Becker, Benjamin F., assignor to The Pyle-National Company, Chicago, Ill. Explosion-proof switch apparatus. 2,666,119, Jan. 12.
- Becker, Charles H., Ironwood, Mich. Food carrying and preparation case. 2,669,641, Feb. 16.
- Becker, Dean B. 2,675,134, Cl. 214—16.12.
- Becker, Earl M.: *See—*
- Hamilton, William C., and Becker. 2,695,022.
- Becker, Ernst: *See—*
- Brüning, Fritz, Veldgen, Becker, and Billig. 2,690,907.
- Becker, Fred, to Underwood Corp. 2,697,502, Cl. 197—17.
- Becker, Frederick G. L., to Cellulose Development Corp. Ltd. 2,695,756, Cl. 241—163.
- Becker, George D., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gyrotory crusher. 2,667,309, Jan. 26.
- Becker, George D., assignor to Allis-Chalmers Manufacturing Company. 2,675,907, Cl. 198—220.
- Becker, George D., to Allis-Chalmers Mfg. Co. 2,698,194, Cl. 286—5.
- Becker, Gerald L. 2,687,902, Cl. 282—22.
- Becker, Howard I., to General Electric Co. 2,681,571, Cl. 73—335.
- Becker, John E., Darlington Township, Durham County, Ontario, Canada. Rotary, toroidal chamber type hydraulic coupling and fluid circulating controls therefor. 2,664,704, Jan. 5.
- Becker, John E., Darlington Township, Durham County, Ontario, Canada. Filling and emptying fluid control means for rotary hydraulic couplings. 2,664,705, Jan. 5.
- Becker, John E., Darlington Township, Durham County, Ontario, Canada. Rotary, toroidal chamber type hydraulic coupling and fluid circulating controls therefor. 2,664,706, Jan. 5.
- Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Joint for colateral superimposed tubular members. 2,665,927, Jan. 12.
- Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Knockdown furniture leg attaching device. 2,667,393, Jan. 26.
- Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening device. 2,670,226, Feb. 23.

- Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Captive nut fastener assembly. 2,672,659, Mar. 23.
- Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener device. 2,672,660, Mar. 23.
- Becker, Philip D., to United-Carr Fastener Corp. 2,686,547, Cl. 151—41.74.
- Becker, Philip D., to United-Carr Fastener Corp. 2,690,943, Cl. 311—111.
- Becker, Ralph W.: *See*—
Dessart, Franklyn M., Cuming, Becker, and Watkins. 2,684,104.
- Becker, Robert E., Logansport, Ind., assignor to Logansport Machine Company, Inc. Cylinder head and tube assembly. 2,673,130, Mar. 23.
- Becker, Rodger F. 2,698,146, Cl. 242—107.
- Becker, Sam B., assignor to Standard Oil Company, Chicago, Ill. Alkenylation of thiophenes. 2,667,495, Jan. 26.
- Becker, Sylvan J.: *See*—
Welch, Arthur J., and Becker. 2,695,968.
- Becker, Theodore: *See*—
Becker, Walter. 2,684,609.
- Becker, Theodore J.: *See*—
Ruddy, Arlo W., and Becker. 2,680,115.
- Becker, Walter, assignor to Anstalt Unda. 2,676,356, Cl. 18—14.
- Becker, Walter, to T. Becker. 2,684,609, Cl. 88—14.
- Becker, Wilhelm: *See*—
Graulich, Wilhelm, Becker, and Bayer. 2,678,924.
- Becker, Wilhelm, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. 2,695,899, Cl. 260—45.5.
- Beckham, Claud L., to Bell Telephone Laboratories, Inc. 2,693,912, Cl. 235—92.
- Beckham, Leland J., to Allied Chemical & Dye Corp. 2,687,433, Cl. 260—538.
- Becking, Augustus G. T., assignor to Hartford National Bank and Trust Company, as trustee. 2,676,283, Cl. 315—24.
- Becking, Hermann. 2,693,263, Cl. 192—84.
- Beckius, Ivar: *See*—
Dreyfus, Ludwig, Thelemarck, Beckius, and Lindström.
- Beckjord, William E. 2,683,209, Cl. 219—34.
- Beckman, Edward M., assignor to Chicago Roller Skate Company, Chicago, Ill. Roller structure. 2,670,242, Feb. 23.
- Beckman Instruments, Inc.: *See*—
Arthur, Edwin P. 2,697,070.
Gilbert, Paul T., Jr., and Arthur.
Madsen, Royal G., Stickney, and Hawes. 2,698,410.
Miller, William C., and Strain.
- Beck's Inc.: *See*—
Beck, John T. 2,683,839.
Beck, John T. 2,695,351.
- Beckwith, Robert E.: *See*—
Turner, Estie L. 2,681,144.
- Beckwith, Sterling, to Allis-Chalmers Mfg. Co. 2,683,227, Cl. 310—55.
- Becroft, James O. 2,697,469, Cl. 153—32.
- Becton, Dickinson and Co.: *See*—
Adams, John Q., and Kleiner. 2,689,562.
Adams, John Q., and Kleiner. 2,689,564.
Dickinson, Fairleigh S., Jr.
Fleischer, Andrew W. 2,675,087.
Huber, Ralph L. 2,689,563.
Krug, Albert E. 2,675,804.
Krug, Albert E. 2,687,871.
Kuhne, George F. 2,681,653.
Lawshe, Errol R. 2,687,727.
May, Edwin A.
May, Edwin A. 2,679,843.
Molinari, Henry G. 2,684,556.
Smoot, John H.
- Bedford, Alda V., assignor to Radio Corporation of America. 2,675,422, Cl. 178—5.4.
- Bedford, Alda V., assignor to Radio Corporation of America. 2,677,720, Cl. 178—5.2.
- Bedford, Alda V., assignor to Radio Corporation of America. 2,677,721, Cl. 178—5.2.
- Bedford, Alda V., assignor to Radio Corporation of America. 2,677,722, Cl. 178—5.4.
- Bedford, Alda V., to Radio Corp. of America. 2,686,869, Cl. 250—6.
- Bedford, John G., assignor to Ciba Pharmaceutical Products Incorporated. 2,679,469, Cl. 154—116.
- Bedford, William A., Jr., North Scituate, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening device. 2,666,968, Jan. 26.
- Bedford, William A., Jr., North Scituate, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening device. 2,667,200, Jan. 26.
- Bedford, William A., Jr., North Scituate, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Knob fastener. 2,672,764, Mar. 23.
- Bedford, William A., Jr., to United-Carr Fastener Corp. 2,695,434, Cl. 24—73.
- Bedford, William A., Jr., to United-Carr Fastener Corp. 2,695,435, Cl. 24—73.
- Bedker, Emma G.: *See*—
Bedker, Leo W. 2,689,493.
Bedker, Leo W. 2,690,089.
- Bedker, Leo W., $\frac{1}{2}$ to E. G. Bedker. 2,689,493, Cl. 80—24.
- Bedker, Leo W., $\frac{1}{2}$ to E. G. Bedker. 2,690,089, Cl. 80—6.
- Bedson, Elsie: *See*—
Bedson, Noel P. 2,690,220.
- Bedson, Noel P., deceased; E. Bedson, executrix, to Blaw-Knox Co. 2,690,220, Cl. 164—61.
- Bedwell, Andrew J., Fort Lauderdale, Fla. Hair curling device. 2,672,876, Mar. 23.
- Bedwell, James W. 2,689,986, Cl. 20—1.
- Beebe, Austin H., Jr., to Federal-Mogul Corp. 2,697,690, Cl. 204—297.
- Beebe, Clarence W.: *See*—
Filachione, Edward M., Beebe, Harris, and Luvisi. 2,694,725.
- Beebe, Herbert R., to American Character Doll Co. 2,689,431, Cl. 46—119.
- Beebe, Herbert R., to American Character Doll Co. 2,689,432, Cl. 46—135.
- Beecham Research Laboratories Limited, assignee: *See*—
Heilbron, Ian M., and Cook. 2,678,318.
- Beecher, Blanche C., executrix: *See*—
Beecher, Henry W.
- Beecher, Henry W., deceased, Seattle, Wash.; B. C. Beecher and H. W. Beecher, Jr., executors of said H. W. Beecher. Hearth type furnace. 2,668,521, Feb. 9.
- Beecher, Henry W., Jr., executor: *See*—
Beecher, Henry W.
- Beech-Nut Packing Co.: *See*—
Gersley, Robert. 2,690,831.
Martin, William T. 2,696,702.
Zimpel, Richard F.
- Beek, Otto A. 2,683,068, Cl. 311—71.
- Beede, Arnold H., Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Vacuum cleaner. 2,667,943, Feb. 2.
- Beegle, Lindley C., to American Cyanamid Co. 2,689,846, Cl. 260—139.
- Beeken, Arnold H., Tacoma, Wash. Device for husking coconuts. 2,666,465, Jan. 19.
- Beeker, Bernie: *See*—
McMillan, Archie, Beeker, and Mickey. 2,680,998.
Mickey, Arthur C., McMillan, and Beeker. 2,696,768.
- Beekman, Stewart M.: *See*—
Brown, Peter M., Jr., and Beekman. 2,686,800.
- Beekman, Stewart M., to Reheis Co., Inc. 2,698,332, Cl. 260—448.
- Beem, Marvel D., and J. E. Urbany. 2,678,452, Cl. 5—64.
- Beeman, Donald R.: *See*—
Teitscheid, Alfred F., Beeman, and Rutkovsky.
- Beeney, James S.: *See*—
Barrett, Arthur L., and Beeney.
- Beer, Donald A. E., Southbourne, Bournemouth, England. Apparatus for the production of ice-cream sandwich wafers. 2,673,531, Mar. 30.
- Beers, Roy A., Jr., assignor to Radio Corporation of America. 2,678,384, Cl. 250—20.
- Beese, Norman C., Verona, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Crater lamp. 2,673,304, Mar. 23.
- Beese, Norman C., assignor to Westinghouse Electric Corporation. 2,678,979, Cl. 200—113.
- Beestrum, Olaf G. 2,684,539, Cl. 36—19.5.
- Beet, Frederick L.: *See*—
Edge, Stanley H., and Beet.
- Beeton, Everett E.: *See*—
English, Henry W., and Beeton.
- Beetz, Pierre, Liege, Belgium, assignor to Industrial and Financial Association Inc., Panama, Republic of Panama. Externally heated, revolving furnace. 2,669,444, Feb. 16.
- Be-Ge Mfg. Co.: *See*—
Gurries, Albert G., and White. 2,684,696.
Tangemann, Albert H.
White, John A., Jr.
White, John A., Jr. 2,681,134.
White, John A., Jr. 2,685,958.
- Begeman, Robert G., and R. E. Powell, to B & P Farm Tool Co. 2,689,511, Cl. 97—22.
- Begerow, John H. W., Wood-Ridge, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch holding attachment for gas cutting machines. 2,665,900, Jan. 12.
- Beggs, Donald B.: *See*—
De Vaney, Fred D., and Beggs. 2,676,095.
- Beggs, James E., assignor to General Electric Company. 2,680,824, Cl. 313—250.
- Begle, Howell E., and G. F. Gaudreau; said Gaudreau assor. to said Begle. 2,690,610, Cl. 29—105.
- Beguini, Albert E., to Eastman Kodak Co. 2,681,294, Cl. 117—34.
- Behl, John D., assignor to Sutherland Paper Company, Kalamazoo, Mich. Machine for erecting double side walls on double walled cartons. 2,669,167, Feb. 16.
- Behling, Clarence R.: *See*—
Nelson, Christian K., and Behling. 2,677,943.
- Behme, Hermann W.: *See*—
Lapple, Walter C., and Behme. 2,684,890.
- Behme, Hermann W., and R. B. Thompson, to The Dorr Co. 2,684,840, Cl. 263—53.
- Behner, Edward T. 2,680,918, Cl. 36—2.6.
- Behnisch, Robert: *See*—
Schmidt, Hans, Behnisch, and Mietzsch.
Schmidt, Hans, Behnisch, and Schraufstatter. 2,676,978.
Schmidt, Hans, Behnisch, and Schraufstatter. 2,683,171.

- Behnisch, Robert, to Schenley Industries, Inc. 2,694,030, Cl. 167—51.5.
- Behnisch, Robert, and F. Mietzsch, Wuppertal-Elberfeld, and H. Schmidt, Wuppertal-Vohwinkel, Germany, assignors to Schenley Industries, Inc., New York, N. Y. Homosulfanilamide salts of benzalthiosemicarbazones. 2,668,178, Feb. 2.
- Behnisch, Robert, and J. Klarer, to Schenley Industries, Inc. 2,696,454, Cl. 167—51.5.
- Behnisch, Robert, and J. Klarer, to Schenley Industries, Inc. 2,696,491, Cl. 260—397.7.
- Behnke, Edward R., A. P. Scheller, and F. J. Pilia, to Union Carbide and Carbon Corp. 2,685,632, Cl. 219—15.
- Behr, Herbert R.: *See*—
Rhyme, Earl C., Jr., Behr, and Priban. 2,680,829.
- Behr, Joseph, & Sons, Inc., assignee: *See*—
Akey, Robert R.
- Behr, Leo J. 2,674,417, Cl. 242—55.5.
- Behr, Leo J. 2,695,641, Cl. 145—35.
- Behr-Manning Corp.: *See*—
Ross, Colin A. 2,674,400.
- Ross, Colin A. 2,693,902.
- Behrens, Herbert C., and C. D. Graber, to Diebold, Inc. 2,690,183, Cl. 129—29.
- Behrens, Robert W.: *See*—
Griffin, William C., and Behrens.
- Behrens, William F. 2,686,674, Cl. 272—33.
- Behringer, Alfred, assignor to Publication Corporation. 2,676,539, Cl. 101—157.
- Beiderbecke, Charles H., and L. E. Palmer, assignors to International Business Machines Corporation. 2,675,113, Cl. 197—126.
- Beiderwell, George E. 2,683,000, Cl. 242—100.
- Beidler, Edward A.: *See*—
Graham, Marion E., and Beidler. 2,677,594.
- Whitehouse, Irving P., and Beidler.
- Beidler, Edward A., Columbus, and I. E. Campbell, Gahanna, Ohio, assignors, by mesne assignments, to Fansteel Metallurgical Corporation, North Chicago, Ill. Highly refractory molybdenum alloys. 2,665,474, Jan. 12.
- Beier, Edwin G. 2,696,952, Cl. 242—130.
- Beier, John E. 2,696,325, Cl. 221—55.
- Beighton, Franklin G. 2,686,918, Cl. 2—185.
- Beimel, Henry L., to American Locker Co., Inc. 2,684,144, Cl. 194—92.
- Beistel, Clifford M.: *See*—
Kirsch, William A., and Beistel. 2,689,936.
- Beitz, Richard C., Amherst, N. Y., assignor to American Optical Company, Southbridge, Mass. Electric motor. 2,673,318, Mar. 23.
- Bejeuhr, Walter G., to Alexander Smith, Inc. 2,695,438, Cl. 26—17.
- Beker, Mejer L., and H. A. Schriener. 2,675,727, Cl. 84—377.
- Bekey, Andrew. 2,677,798, Cl. 318—441.
- Bekker, Mieczyslaw G., to His Majesty the King in the right of Canada as represented by the Minister of National Defence. 2,685,481, Cl. 305—10.
- Belada, John, to Owens-Illinois Glass Co. 2,689,595, Cl. 153—1.
- Belaieff, James F.: *See*—
Durand, Francois, and Belaieff. 2,682,351.
- Belamin, Michael, assignor to Siemens-Schuckertwerke, Aktiengesellschaft. 2,680,831, Cl. 321—48.
- Beland, Henry. 2,677,365, Cl. 126—33.
- Belanoff, Robert. 2,678,622, Cl. 116—91.
- Belar, Herbert, and J. Preston, assignors to Radio Corporation of America. 2,678,895, Cl. 154—110.
- Belcher, Wallace E., Jr., assignor to Minneapolis-Honeywell Regulator Company. 2,675,510, Cl. 318—29.
- Belden, Donald H., North Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Sampling apparatus. 2,670,629, Mar. 2.
- Belden Manufacturing Company, assignee: *See*—
Wermine, Hugo H.
- Belew, Leland W., assignor to Herring-Hall-Marvin. 2,676,861, Cl. 312—111.
- Belford, Alexander, assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,669,104, Feb. 16.
- Belgard, Austin B. 2,677,894, Cl. 33—200.
- Belgard, Austin B. 2,677,988, Cl. 88—49.
- Belgard, Austin B. 2,688,274, Cl. 88—53.
- Belgard, Austin B. 2,693,132, Cl. 88—53.
- Beline, Martin B., Chevy Chase, Md., assignor to Slater Appliances, Inc., Woodside, N. Y. Automatic closet light fixture. 2,671,162, Mar. 2.
- Belitz, Hans G.: *See*—
Davis, Oliver F., and Belitz. 2,685,121.
- Belknap, Joel R., assignor to Fuel Process Company South Charleston, W. Va. Hydraulic scale. 2,668,702, Feb. 9.
- Bell Aircraft Corp.: *See*—
Andrix, Frank H. 2,695,143.
- Barr, Charles.
- Hunsinger, Johnathon W.
- Price, Robert A. 2,680,648.
- Replogle, Edward H.
- Stanley, Robert M. 2,697,483.
- Stevens, Emerson W. 2,694,458.
- Winter, Robert C., and Wheeler.
- Wolf, Robert A., and Woods.
- Woods, Robert J. 2,695,144.
- Bell, Alan, to Eastman Kodak Co. 2,683,748, Cl. 260—612.
- Bell, Alan, M B Knowles, and C. E. Tholstrup, to Eastman Kodak Co. 2,682,474, Cl. 99—163.
- Bell, Alan, M B Knowles, and C. E. Tholstrup, to Eastman Kodak Co. 2,682,563, Cl. 260—625.
- Bell, Alan, and M B Knowles, to Eastman Kodak Co. 2,688,625, Cl. 260—398.5.
- Bell, Alan, and M B Knowles, to Eastman Kodak Co. 2,692,287, Cl. 260—574.
- Bell, Alan, and M B Knowles, to Eastman Kodak Co. 2,692,288, Cl. 260—576.
- Bell, Alan, and W. V. McConnell, to Eastman Kodak Co. 2,694,724, Cl. 260—468.
- Bell, Alan, and M B Knowles, to Eastman Kodak Co. 2,697,111, Cl. 260—398.5.
- Bell, Alfred B. 2,675,056, Cl. 155—12.
- Bell, Alice A., assignee: *See*—
Bell, Lee A. 2,678,183.
- Bell, Allan G. 2,688,516, Cl. 299—107.2.
- Bell, Audley P., Claysville, Pa. Outlet box holder. 2,665,865, Jan. 12.
- Bell, Belmont W. and M. A. 2,687,918, Cl. 301—5.
- Bell, Charles C., to Universal Winding Co. 2,688,450, Cl. 242—10.
- Bell, Clarence D.: *See*—
Strain, Daniel E., and Bell. 2,690,454.
- Bell, Daniel G.: *See*—
Willis, Elijah J. 2,692,788.
- Bell, David B., Long Beach, Calif. Self-proportioning fluid feeding apparatus. 2,670,002, Feb. 23.
- Bell, Delamar T., assignor to Bell Telephone Laboratories, Incorporated. 2,677,103, Cl. 324—62.
- Bell, Dorothy J. 2,691,779, Cl. 2—239.
- Bell, Edward R.: *See*—
Thorpe, Roy E., and Bell. 2,683,691.
- Bell, Edwin P., of $\frac{1}{4}$ to I. M. Jones. 2,683,887, Cl. 15—119.
- Bell, Ernest P., to Parker Rust Proof Co. 2,692,840, Cl. 148—6.16.
- Bell, George A. 2,696,071, Cl. 56—121.42.
- Bell & Gossett Company, assignee: *See*—
Lockhart, Harold A.
- Tidd, Edwin B.
- Bell & Howell Company, assignee: *See*—
Engstrom, Sverre J. 2,676,513.
- Johnson, Elmer L.
- Schuessler, Frank J. 2,678,357.
- Weninger, Frank L.
- Bell, James F., to Ethyl Corp. 2,688,682, Cl. 219—11.
- Bell, John, and F. H. Cannon, assignors to Muirhead & Company Limited, Beckenham, England. Electric motor. 2,670,448, Feb. 23.
- Bell, John E.: *See*—
Marchant, Francis C. I., Bell, and Hooker. 2,696,346.
- Bell, Joris R., Jr. 2,685,247, Cl. 98—42.
- Bell, Joseph. 2,689,289, Cl. 200—122.
- Bell, Lee A., assignor of 85% to A. A. and L. A. Bell, and 15% to A. Martin. 2,678,183, Cl. 248—278.
- Bell, Margaret A.: *See*—
Bell, Belmont W. and M. A. 2,687,918.
- Bell, Millard J., assignor to Newaygo Engineering Company. 2,679,335, Cl. 222—108.
- Bell, Noel G. 2,691,967, Cl. 123—7.
- Bell, Percy F., Walton-on-Thames, assignor of one-third to N. G. W. London, and one-third to Sound City (Films) Limited, Shepperton, Middlesex, England. Hollow plaster building panels and making. 2,669,860, Feb. 23.
- Bell Punch Co. Ltd.: *See*—
Webb, Christopher F. 2,687,848.
- Bell, Richmond T., to The Pure Oil Co. 2,685,605, Cl. 260—609.
- Bell, Ruth A.: *See*—
Johnson, Ouida F., and Bell. 2,693,897.
- Bell, Sidney R., Stamford, Conn. Sewing machine needle bar and take-up operating means. 2,667,135, Jan. 26.
- Bell, Sidney R., assignor, by mesne assignments, of $\frac{1}{2}$ to I. J. Moritt, and $\frac{1}{2}$ to H. Rebell. 2,677,341, Cl. 112—260.
- Bell, Sidney R., to I. J. Moritt. 2,682,846, Cl. 112—181.
- Bell, Stuart H. 2,678,828, Cl. 280—6.
- Bell Telephone Laboratories, Inc.: *See*—
Aamodt, Thoralf. 2,686,847.
- Albersheim, Walter J. 2,686,256.
- Alsberg, Dietrich A. 2,685,063.
- Anderson, Frithiof B. 2,683,777.
- Anderson, John R. 2,695,396.
- Anderson, John R. 2,695,397.
- Anderson, John R. 2,695,398.
- Andrews, Ernest G. 2,679,977.
- Andrus, Jules. 2,691,858.
- Armitage, Le Roy. 2,694,119.
- Augustadt, Herbert W., and Kannenberg.
- Avery, Robert C. 2,680,781.
- Bachelet, Albert E. 2,694,801.
- Bachelet, Albert E., and Pitlik.
- Bachelet, Albert E., and Soffel. 2,696,529.
- Bacon, Walter M. 2,676,199.
- Baker, George H. 2,694,196.
- Baker, William O., and Grisdale. 2,697,028.
- Baker, William O., and Grisdale. 2,697,136.
- Baker, William O., Grisdale, and Winslow. 2,697,029.

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 Baldwin, Edwin G. 2,676,271.
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 Barlow, Dick S.
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 Beckham, Claud L. 2,693,912.
 Bell, Delamar T. 2,677,103.
 Bellows, Brian C., Jr. 2,679,632.
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 Blair, Royer R.
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 Bobis, Stephen, and Lundrv. 2,682,037.
 Boghosian, William H., Och, and Weber.
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 Bond, Walter L., Sparks, and Teal. 2,694,024.
 Bonner, Arthur L.
 Bostwick, Lee G.
 Brehm, Harold B., Kinzer, Smith, and Wilson. 2,680,162.
 Breivogel, William G.
 Brewer, Sherman T.
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 Briggs, Howard B. 2,692,952.
 Briggs, Howard B., Haynes, and Shockley. 2,683,794.
 Bruce, Edmond, and Straube. 2,684,405.
 Brune, William L. 2,677,101.
 Buhrendorf, Frederick G. 2,674,031.
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 Carpenter, Warren W.
 Carpenter, Warren W., and Collis. 2,688,658.
 Caruthers, Robert S. 2,695,332.
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 Cesareo, Orfeo, and Strickler. 2,692,082.
 Chase, Fay H. 2,693,568.
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 Christensen, Howard. 2,674,583.
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 Cory, Samuel I.
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 Dacey, George C., and Foy. 2,697,052.
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 Davis, Gustoff W., and Waltz. 2,694,040.
 Dehn, Joseph W. 2,676,313.
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 Dickieson, Alton C., Edwards, Robertson, and Wurmser. 2,692,303.
 Dickinson, Frank R.
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 Domaleski, Joseph V., Gartland, and Kleimack. 2,688,110.
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 Dunlap, Kermit S. 2,695,334.
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 Edmonds, Robert W.
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 Entz, Ferdinand S., Pullis, Ressler, Soffel, and Weber. 2,677,726.
 Feder, Herbert S. 2,686,904.
 Felch, Edwin P., Jr., and Slonczewski. 2,679,630.
 Feldman, Carl B. H. 2,694,147.
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 Ferrell, Enoch B. 2,686,271.
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 Frantz, Glenn R. 2,678,383.
 Fuller, Calvin S. 2,697,269.
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 Galt, John K. 2,692,978.
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 Bell, William B., Atlanta, Ga., assignor of one-third to E. T. Newton and G. M. Hopkins. Power transmission mechanism. 2,666,342, Jan. 19.
 Bell, William C., London, and V. A. G. Curry, Greenford, assignors to Hoover (Washing Machines) Limited, Perivale, England. Clothes-washing machine. 2,664,730, Jan. 5.
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 Bellamy, John I., and T. L. Bowser; said T. L. Bowser now by change of name T. L. Bowers, assignors, by mesne assignments, to International Telephone and Telegraph Corporation. 2,674,657, Cl. 179—22.
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 Bels, Basil A., Great Neck, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Coil forms with ends of insulation having electrical terminals thereon. 2,667,624, Jan. 26.
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- Benbow, Frank Y. 2,694,254, Cl. 30—297.
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 Bender, Joseph M., assignor to Jacoby-Bender, Inc. 2,680,274, Cl. 24—232.
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- Bendix, Gordon H., and R. F. Tamm, to Continental Can Co., Inc. 2,696,589, Cl. 324—54.
- Bendix Home Appliance Division—Avco Manufacturing Corporation, assignee: *See*—
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- Bendix-Westinghouse Automotive Air Brake Co.: *See*—
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- Bendler, Jean R., assignor to L'Impregnation. 2,680,446, Cl. 137—93.
- Bendtsen, Ben O., Rose Creek, Minn. Hitch mechanism. 2,673,096, Mar. 23.
- Bendtsen, Ben O., to Bendtsen Bros. Mfg. Inc. 2,687,899, Cl. 280—504.
- Bendtsen Bros. Mfg. Inc.: *See*—
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- Benedek, Elek K., deceased, Chicago, Ill., M. L. Benedek, administratrix, assignor to M. L. Benedek. Hydraulic machine. 2,672,826, Mar. 23.
- Benedek, Elek K., deceased; M. L. Benedek, administratrix, to M. L. Benedek. 2,689,531, Cl. 103—161.
- Benedek, Elek K., deceased; M. L. Benedek, administratrix, to M. L. Benedek. 2,691,541, Cl. 287—52.06.
- Benedek, Elek K., deceased; M. L. Benedek, administratrix, to M. L. Benedek. 2,697,403, Cl. 103—174.
- Benedek, Melba L.: *See*—
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- Benedek, Melba L., administratrix: *See*—
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- Benedict, John. 2,675,100, Cl. 189—69.
- Benedict, Michael D., Jr.: *See*—
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- Benedict, Walter E., J. F. Dobry, and B. J. Kelly, to Congoleum-Nairn, Inc. 2,694,831, Cl. 18—48.8.
- Benedict, Walter L., Stoneham, and S. J. Finn, Beverly, Mass., assignors to United Shoe Machinery Corporation.
- Flemington, N. J. Fluid jet relay. 2,672,150, Mar. 16.
- Behner, Christian. 2,682,443, Cl. 8—125.
- Benford, Stanley: *See*—
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- Benge, Bill L.: *See*—
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- Bengtson, Gosta E. O., assignee: *See*—
Lindgren, K. O. 2,677,197.
- Bengtsson, Bertil S., assignor to The Hart Manufacturing Company, Hartford, Conn. Magnetic relay with special armature mounting means. 2,666,826, Jan. 19.
- Bengtsson, Bertil S., assignor to The Hart Manufacturing Company, Hartford, Conn. Electromagnetic relay or switch. 2,668,207, Feb. 2.
- Bengtsson, Bertil S., to The Hart Mfg. Co. 2,683,198, Cl. 200—111.
- Bengtsson, Johan F. 2,682,252, Cl. 116—129.
- Benham, Cedric M., and T. Lock. 2,688,123, Cl. 339—176.
- Ben-Hur Mfg. Co.: *See*—
Nygren, Ernest J. 2,692,021.
- Benington, Frederick: *See*—
Heiligmann, Randall G., and Benington. 2,685,575.
- Benjamin, Clarence F. 2,680,024, Cl. 273—129.
- Benjamin, Donald G.: *See*—
Hach, William, and Benjamin. 2,681,352.
- Benjamin, Donald D., assignee: *See*—
Benjamin, Leonard L.
- Benjamin, Fred: *See*—
Ransom, David H., and Benjamin. 2,692,366.
- Benjamin & Johns, Incorporated, assignee: *See*—
Popp, Estelle. 2,673,981.
- Benjamin, Leonard L., assignor of one-third to D. D. Benjamin, Cuba, and one-third to W. W. Rasey, Olean, N. Y. Pad for animal stalls. 2,665,664, Jan. 12.
- Benner, Arthur H.: *See*—
Spaulding, Spencer W., and Benner. 2,677,128.
- Benner, Charles J., Jr., North Hills, Pa., assignor to Link-Belt Company. Trash screen. 2,671,563, Mar. 9.
- Benner, Frank C., and A. Di Nardo, to National Research Corp. 2,687,355, Cl. 99—71.
- Benner, George M. 2,698,091, Cl. 210—68.
- Benner, Inc.: *See*—
Prescott, Charles J., Jr. 2,693,424.
Schiemer, Charles J. 2,681,456.
- Benner Leather Goods Co., assignee: *See*—
Benner, Samuel.
- Benner-Nawman, Inc., assignee: *See*—
Hook, Benton A., and Nawman. 2,676,632.
- Benner, Roland G., and I. Hochhauser, to Nepera Chemical Co., Inc. 2,685,586, Cl. 260—295.9.
- Benner, Samuel, assignor to Benner Leather Goods Co., Milwaukee, Wis. Toilet kit. 2,670,776, Mar. 2.
- Benner, William, Jr., Park City, Mont. Extensible handle for fishing landing nets. 2,668,386, Feb. 9.
- Bennes, William J., and C. E. Leyes, assignors to Celanese Corporation of America. 2,679,661, Cl. 18—15.
- Bennett, Alfred: *See*—
Noxon, Paul A., and Bennett. 2,680,193.
- Bennett, Alfred, assignor to Bendix Aviation Corporation. 2,678,419, Cl. 323—56.
- Bennett, Alva H.: *See*—
Tillyer, Edgar D., and Bennett. 2,685,821.
- Bennett, Alva H., assignor to American Optical Company. 2,675,737, Cl. 88—39.
- Bennett, Arthur E. C., Kenton, England, assignor, by mesne assignments, to Cornell-Dubiller Electric Corporation, South Plainfield, N. J. Electrical condenser. 2,668,946, Feb. 9.
- Bennett, David A., and R. E. 2,679,130, Cl. 55—73.
- Bennett, Donn: *See*—
Jones, Alice M. 2,692,449.
- Bennett, Edgar L. 2,679,444, Cl. 312—100.
- Bennett, Edward, to A. O. Smith Corp. 2,692,322, Cl. 219—6.
- Bennett, Elbert V., and H. Renn, assignors to M and M Wood Working Company. 2,674,770, Cl. 20—93.
- Bennett, Frank P., assignor to Three Dimension Company. 2,674,920, Cl. 88—31.
- Bennett, Fred L.: *See*—
Hill, Gordon, and Bennett. 2,687,819.
- Bennett, George A., and P. L. Veltman, to the United States of America as represented by the United States Atomic Energy Commission. 2,697,518, Cl. 209—166.
- Bennett, George E., assignor to Monsanto Chemical Company. 2,676,881, Cl. 71—2.3.
- Bennett, George R., Waltham, Mass. Ball cock. 2,667,179, Jan. 26.
- Bennett, Gordon C., Winchester, Mass. Can shield. 2,668,635, Feb. 9.
- Bennett, Harold L., South Bend, Ind., assignor, by mesne assignments, to Clayton Manufacturing Company, El Monte, Calif. Cooling means for dynamometers. 2,667,238, Jan. 26.
- Bennett, Harold L., South Bend, Ind., assignor, by mesne assignments, to Clayton Manufacturing Company, El Monte, Calif. Production dynamometer. 2,669,870, Feb. 23.
- Bennett, Harold L., South Bend, Ind., assignor, by mesne assignments, to Clayton Manufacturing Company, El Monte, Calif. Dynamometer. 2,672,954, Mar. 23.
- Bennett, James C., to Anderson Die Casting & Engineering Corp. 2,685,922, Cl. 160—177.
- Bennett, Jess B. 2,679,893, Cl. 155—56.
- Bennett, Maurice D., Glenbrook, assignor to The Reflectone Corporation, Stamford, Conn. Variable switch operated positioning system. 2,668,263, Feb. 2.
- Bennett, Maurice D., Glenbrook, assignor to The Reflectone Corporation, Stamford, Conn. Variable switch operated positioning system. 2,673,313, Mar. 23.
- Bennett, Maurice D., to The Reflectone Corp. 2,696,109, Cl. 73—141.
- Bennett, Neil G.: *See*—
Hansard, Douglas A., and Bennett.
- Bennett, Ralph E., to Commercial Solvents Corp. 2,681,881, Cl. 195—80.
- Bennett, Ralph V.: *See*—
Ferry, John T., Bennett, Kase, and McGirr. 2,681,145.
- Bennett, Robert B.: *See*—
Smith, George E. P., Jr., and Bennett. 2,686,163.
- Bennett, Robert N. 2,687,118, Cl. 121—63.
- Bennett, Roger G., to Hyde Mfg. Co. 2,684,250, Cl. 279—83.
- Bennett, Roy C., Sr.: *See*—
Kishpaugh, Claude B., and Bennett. 2,695,119.
- Bennett, Roy E.: *See*—
Bennett, David A., and R. E. 2,679,130.
- Bennett, Rufus B., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Recovery of durene. 2,665,316, Jan. 5.
- Bennett, Rufus B., to Standard Oil Development Co. 2,687,987, Cl. 196—50.
- Bennett, Walter, assignor to Utility Trailer Manufacturing Company. 2,676,815, Cl. 280—81.
- Bennett, Walter, to Utility Trailer Mfg. Co. 2,682,319, Cl. 188—79.
- Bennett, Walter, to Utility Trailer Mfg. Co. 2,691,521, Cl. 267—56.
- Bennett, Walter, and S. Barker, to Utility Trailer Mfg. Co. 2,691,519, Cl. 267—30.
- Bennett, William R., and L. C. Peterson, assignors to Bell Telephone Laboratories, Incorporated. 2,676,206, Cl. 179—4.
- Bennett, William F. 2,687,183, Cl. 183—10.
- Bennetts, Arthur E., assignor to Messrs. Staines Kitchen Equipment and Company Limited, London, England. Apparatus for washing and cleaning crockery, cooking utensils, and the like. 2,666,937, Jan. 26.
- Benning, Anthony F., and F. B. Hill, Jr., to E. I. du Pont de Nemours & Co. 2,695,880, Cl. 252—58.
- Benninger, Eugen, to Precisa A. G. Rechenmaschinenfabrik. 2,682,371, Cl. 235—63.
- Benninghoff, William L.: *See*—
Thompson, John, and Benninghoff. 2,690,572.
- Bennington, Charles H., and J. N. Tilley, to The Modern Limb Supply Co., Inc. 2,692,392, Cl. 3—33.
- Bennorth, George D. 2,690,199, Cl. 150—1.
- Benoist, Raymond E. 2,686,073, Cl. 294—50.9.
- Benoit, Edmond, assignor to Office National d'Etudes et de Recherches Aeronautiques (O. N. E. R. A.), Paris, France. Jet propelled aircraft tail unit. 2,664,700, Jan. 5.

- Benoit, Eugene W., and O. F. Gerry, assignors to General Electric Company. 2,680,637, Cl. 287—119.
- Benoit, George J., Jr., to California Research Corp. 2,691,633, Cl. 252—49.6.
- Benoit, George J., Jr., to California Research Corp. 2,691,634, Cl. 252—52.
- Benoit, Joseph E., Malverne, N. Y., and W. F. Sanford, Riverside, Conn., assignors to Atlantic Plastics, Inc., Flushing, N. Y. Spray cap. 2,673,123, Mar. 23.
- Benrus Watch Co., Inc.: *See*—
Marchand, Adamir. 2,691,866.
Williams, Leon A. 2,682,745.
- Bens, Frederick P.: *See*—
Ham, John L., Bens, Herzig, and Timmons. 2,678,268.
Ham, John L., Bens, Herzig, and Timmons. 2,678,269.
Ham, John L., Bens, Herzig, and Timmons. 2,678,270.
Ham, John L., Bens, Herzig, and Timmons. 2,678,271.
Ham, John L., Bens, Herzig, and Timmons. 2,678,272.
Ham, John L., Bens, Herzig, and Timmons. 2,679,455.
- Benscheldt, Newton H., and J. R. Pattinson, to Commonwealth Engineering Co. of Ohio. 2,685,783, Cl. 62—124.
- Bensinger, Wolf D., Muhlacker (Wurttemberg), assignor, Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Regulation of the quantity of fuel in combustion engines. 2,667,153, Jan. 26.
- Bensinger, Wolf D., Muhlacker (Wurtt), assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Device for fuel-metering in particular fuel-injection for internal-combustion engines. 2,673,662, Mar. 30.
- Bensinger, Wolf-Dieter, to Daimler-Benz Aktiengesellschaft. 2,696,201, Cl. 123—90.
- Bensky, Lowell S., and A. D. Beard, assignors to Radio Corporation of America. 2,679,638, Cl. 340—174.
- Bensley, Robert D. 2,696,436, Cl. 95—7.
- Benson, Alfred B., and W. F. Henry, to International Business Machines Corp. 2,693,316, Cl. 235—58.
- Benson, Bernard S., Malibu, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Rotary switch device. 2,665,343, Jan. 5.
- Benson, Haskell: *See*—
Reker, Louis R. G., Deitch, and Benson. 2,683,316.
- Benson, Howard H. J., Jr., and J. B. Imbriaco, to The Engineering and Research Corp. 2,686,979, Cl. 35—12.
- Benson, Howard R. and R. H. 2,681,834, Cl. 304—2.
- Benson, James H., Ringsted, Iowa. Automatic tractor hitch. 2,671,673, Mar. 9.
- Benson, Jerry S. 2,674,149, Cl. 85—13.
- Benson, Jesse M. 2,684,833, Cl. 254—186.
- Benson, Le Roy J., Columbia, S. C. Check sorting machine. 2,668,706, Feb. 9.
- Benson, Robert H.: *See*—
Benson, Howard R. and R. H. 2,681,834.
- Bent, Arthur J., Pittsburgh, Pa., assignor to Westinghouse Air Brake Company. Control apparatus for combined fluid compressors and free piston machines. 2,666,569, Jan. 19.
- Bent, Arthur J., Penn Township, Allegheny County, Pa., assignor to Westinghouse Air Brake Company. Control valve device. 2,667,180, Jan. 26.
- Bent, Leavitt N., to the United States of America as represented by the Secretary of War. 2,691,192, Cl. 18—47.5.
- Bentjens, Heinz, to Wilhelm Fette Prazisionswerkzeug-Fabrik. 2,689,394, Cl. 29—105.
- Bentley, Alfred M., to United Shoe Machinery Corp. 2,681,022, Cl. 112—51.
- Bentley, Edward P.: *See*—
Ashworth, Harry, and Bentley. 2,687,647.
Draper, Charles S., and Bentley. 2,690,014.
- Bentley, Edward P., to Instrument Development Laboratories, Inc. 2,686,452, Cl. 88—14.
- Bentley Engineering Company Limited, The, assignee: *See*—
Deans, Frederick E., Wainwright, and Kent.
Deans, Frederick E. 2,685,187.
Deans, Frederick E., and Manger. 2,685,186.
Manger, Charles F.
- Bentley, Grant D. 2,674,980, Cl. 119—103.
- Bentley, John W. 2,683,566, Cl. 241—169.
- Bentley, Raymond B. 2,693,269, Cl. 198—184.
- Benton, Charles H., Jr., and C. D. Robeson, to Eastman Kodak Co. 2,683,746, Cl. 260—598.
- Benton, Charles H., Jr., and C. D. Robeson, to Eastman Kodak Co. 2,683,747, Cl. 260—598.
- Benton Harbor Engineering Works, Inc., assignee: *See*—
Miller, Robert C.
- Bentrup, Henry D. 2,696,713, Cl. 61—29.
- Bentz, Alan P., Bound Brook, B. L. West, Plainfield, and R. J. Turner, Fanwood, N. J., assignors to American Cyanamid Company, New York, N. Y. Neutral calcium 4-aminosalicylate hemihydrate and preparation of the same. 2,668,852, Feb. 9.
- Bentz, Howard K.: *See*—
Alexander, William R., Williams, Dawson, and Bentz.
- Bentz, Lloyd O., to The Firestone Tire & Rubber Co. 2,686,199, Cl. 260—474.
- Benz, Cyril C. 2,692,704, Cl. 222—109.
- Benz, George R., to Phillips Petroleum Co. 2,695,837, Cl. 23—314.
- Benz, Johannes, Dusseldorf, Germany. Apparatus for packaging plastic materials. 2,669,077, Feb. 16.
- Benzer, William C.: *See*—
Sheridan, Claude M., and Benzer. 2,695,229.
- Benzle, Robert, Auburn, Calif. Rodent exterminator. 2,672,705, Mar. 23.
- Benzing, Jacob M.: *See*—
Palme, Josef F., and Benzing. 2,682,242.
- Benzinger, Theodor H., Rockville, and C. Kitzinger, Bethesda, Md. Continuous record of interferometric gas analysis. 2,668,471, Feb. 9.
- Berardinelli, Frank: *See*—
Horback, William B., Berardinelli, and Paist.
- Berardinelli, Frank, and W. J. Myles, to Celanese Corp. of America. 2,691,565, Cl. 8—61.
- Berberich, Willi. 2,681,064, Cl. 129—1.
- Berch, Samuel H., and M. C. Luterick, assignors, by mesne assignments, to Diced Cream of America Co. 2,679,966, Cl. 226—97.
- Berch, Samuel H., and M. C. Luterick, to Diced Cream of America Co. 2,685,176, Cl. 62—114.
- Berczeller, Arpad, New York, N. Y. Steroid amines and manufacturing same. 2,672,469, Mar. 16.
- Beren, Irvin B., Dallas, Tex. Necktie rack. 2,666,530, Jan. 19.
- Berendsen, Harold G., to Wembley, Inc. 2,682,663, Cl. 2—146.
- Berendt, Carl: *See*—
Demarest, Daniel D., Perkins, Karius, and Berendt.
- Beres, John J., Los Angeles, Calif. Lawn edger. 2,673,396, Mar. 30.
- Berezansky, Alex S. 2,683,949, Cl. 43—12.
- Berezny, Mischa N. 2,675,964, Cl. 235—91.
- Berg, Abram S., and A. N. Goregliad, Wyncote, Pa. Pipe fastening means. 2,665,146, Jan. 5.
- Berg, Clyde H. O.: *See*—
Imhoff, Donald H., Vaell, and Berg. 2,689,821.
Reed, Homer C., Berg, and Leffert. 2,694,622.
- Berg, Clyde H. O., assignor to Union Oil Company of California. 2,679,540, Cl. 260—679.
- Berg, Clyde H. O., assignor to Union Oil Company of California. 2,679,541, Cl. 260—679.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,729, Cl. 183—4.2.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,867, Cl. 302—17.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,868, Cl. 302—17.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,870, Cl. 302—53.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,872, Cl. 302—53.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,873, Cl. 302—53.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,928, Cl. 196—52.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,930, Cl. 196—52.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,931, Cl. 196—52.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,932, Cl. 196—52.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,684,967, Cl. 260—348.5.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,688,374, Cl. 183—4.1.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,692,656, Cl. 183—114.2.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,693,395, Cl. 302—53.
- Berg, Clyde H. O., to Union Oil Company of California. 2,694,605, Cl. 302—53.
- Berg, Clyde H. O., to Union Oil Co. of California. 2,695,212, Cl. 23—1.
- Berg, Elaine, Chicago, Ill. Worker's head covering. 2,666,923, Jan. 26.
- Berg, Elaine. 2,675,812, Cl. 132—49.
- Berg, Elaine. 2,693,599, Cl. 2—209.
- Berg, Gustaf: *See*—
Oldham, Henry P., Sullivan, and Berg. 2,696,041.
- Berg, Harry: *See*—
Dim, Jacob, and Berg.
- Berg, Isadore A., Cincinnati, Ohio. Packaged pie dough. 2,673,807, Mar. 30.
- Berg, John W. 2,679,973, Cl. 230—153.
- Berg, Lawrence C. 2,677,159, Cl. 20—92.4.
- Berg, Lawrence C. 2,677,551, Cl. 280—21.
- Berg, Max W.: *See*—
Fletcher, Horace R. 2,689,615.
- Berg, Olof G.: *See*—
Asp, Ivar A., and Berg.
- Berg, Paul. 2,676,420, Cl. 35—16.
- Berg, Paul. 2,695,782, Cl. 271—41.
- Berg, Quentin, New Cumberland, assignor to Aircraft-Marine Products Inc., Harrisburg, Pa. Applicator for connectors and the like. 2,673,345, Mar. 30.
- Berg, Quentin, to Aircraft-Marine Products Inc. 2,688,133, Cl. 1—165.
- Berg, Quentin, to Aircraft-Marine Products, Inc. 2,694,808, Cl. 1—66.
- Berg, Quentin, to Aircraft-Marine Products, Inc. 2,694,809, Cl. 1—165.
- Berg, Ralph R., Menlo Park, assignor to Mariblast Corporation, Jersey City, N. J. Sand washing method and apparatus. 2,667,015, Jan. 26.
- Berg, Samuel. 2,688,327, Cl. 128—283.

- Berg, Samuel S.: *See*—
Slack, Ronald, Ashley, and Berg. 2,686,787.
Slack, Ronald, Ashley, and Berg. 2,686,802.
- Berg, Stanley O. 2,685,693, Cl. 3—12.3.
- Bergan, Kenneth N., to Motorola, Inc. 2,689,882, Cl. 179—15.5.
- Bergan, Martin D., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Dead-end connector. 2,669,600, Feb. 16.
- Bergan, Martin D., assignor to The Thomas & Betts Co. 2,675,774, Cl. 113—119.
- Bergan, Martin D., to The Thomas & Betts Co. 2,696,747, Cl. 81—15.
- Berge, Byron T., to Kennecott Copper Corp. 2,696,979, Cl. 266—42.
- Berge, Herbert N., to McCulloch Motors Corp. 2,693,207, Cl. 143—35.
- Bergel, Franz, A. Cohen, F. R. Atherton, B. Heath-Brown, and E. G. Hughes, to Hoffmann-La Roche Inc. 2,693,470, Cl. 260—286.
- Bergen, Stephen A., to Evershed & Vignoles Ltd. 2,685,064, Cl. 324—99.
- Bergendahl, Kavalli A., assignor to E. A. Rosengrens Kassaskapsfabriks Aktiebolag. 2,677,265, Cl. 70—305.
- Berger, Arthur F., assignor to The Master Electric Company. 2,674,473, Cl. 286—11.
- Berger, Benjamin S., to Philip Florin, Inc. 2,694,429, Cl. 150—39.
- Berger, France B., and W. J. Tull, to General Precision Laboratory, Inc. 2,688,743, Cl. 343—7.3.
- Berger, Frank J.: *See*—
Murray, Michael F., and Berger.
- Berger, Franz J., Neftenbach, Switzerland, assignor to American Wheelabrator & Equipment Corporation, Mishawaka, Ind. Roller conveyor. 2,667,261, Jan. 26.
- Berger, Frederick. 2,688,354, Cl. 150—28.
- Berger, George C. 2,679,702, Cl. 37—43.
- Berger, George C., and A. O. Myrold. 2,677,550, Cl. 275—3.
- Berger, Harold A. 2,695,540, Cl. 81—84.
- Berger, Heinz, Hoxter (Weser), and H. Holtrichter, Essen-Altenessen, Germany. Gas alarm. 2,672,533, Mar. 16.
- Berger, Heinz, and E. Weyde, to Agfa Aktiengesellschaft für Photofabrikation. 2,694,008, Cl. 95—2.
- Berger, Joseph J. 2,689,987, Cl. 20—2.
- Berger, Kornel, Kew Gardens, N. Y. Lamp harp. 2,665,374, Jan. 5.
- Berger, Leo, to Hoffmann-La Roche Inc. 2,694,058, Cl. 260—209.6.
- Berger, Paul: *See*—
Feinberg, Albert E., and Berger. 2,685,662—3.
- Berger, Robert C. 2,677,185, Cl. 33—80.
- Berger, Samuel. 2,677,114, Cl. 339—45.
- Berger, Samuel I. 2,692,918, Cl. 179—102.
- Bergeron, Alfred, Chicopee Falls, Mass. Piston ring. 2,670,259, Feb. 23.
- Bergeron, Alfred, Dallas, Tex. Piston packing ring. 2,670,255, Feb. 23.
- Bergeron, Alfred, Dallas, Tex. Piston ring. 2,670,257, Feb. 23.
- Bergeron, Alfred, Dallas, Tex. Piston ring construction. 2,670,258, Feb. 23.
- Bergeron, Narcisse C., Berkeley, Calif. Lever actuated tire bead forcing device. 2,672,184, Mar. 16.
- Bergeron, Narcisse C., Berkeley, Calif., assignor to Cam Tool Co. Inc. Lever actuated tire changing device. 2,672,185, Mar. 16.
- Bergeron, Victor J. 2,685,285, Cl. 126—25.
- Bergey, Milton C., assignor to Republic Aviation Corporation. 2,675,786, Cl. 121—41.
- Bergfelt, Nils H.: *See*—
Taylor, Lawrence B., Malavazos, Davis, and Bergfelt. 2,692,084.
- Bergfors, Carl A., Roslyn Heights, assignor to International Business Machines Corporation, New York, N. Y. Electronic trigger. Re. 23,770, Jan. 12.
- Berggren, Hal C.: *See*—
Jarrett, Jerry, and Berggren. 2,681,752.
- Bergh Bros. Co., Inc., assignee: *See*—
Bergh, George G., and R. G.
- Bergh, Charles J., Vandalia, assignor to The Dayton Pump & Manufacturing Company, Dayton, Ohio. Submersible pump. 2,667,128, Jan. 26.
- Bergh, Charles J., Vandalia, assignor to The Dayton Pump & Manufacturing Company, Dayton, Ohio. Submersible pump. 2,670,686, Mar. 2.
- Bergh, Fred H., to Western Electric Co., Inc. 2,685,928, Cl. 164—110.
- Bergh, George G. and R. G., assignors to Bergh Bros. Co., Inc., Attleboro Falls, Mass. Flexible and expansible band. 2,672,738, Mar. 23.
- Bergh, George G. and R. G., assignors to Bergh Bros. Co., Inc., Attleboro Falls, Mass. Shipment and display box and improved corner therefor. 2,673,657, Mar. 30.
- Bergh, Robert G.: *See*—
Bergh, George G. and R. G.
- Berghe, Georges J. L. V., and P. J. F. Schaefer, assignors to Societe Anonyme de Distribution du Gaz (Distrigaz), Brussels, Belgium. Chronocounter for measuring output of fluids. 2,665,186, Jan. 5.
- Bergin, Sarah E. 2,677,137, Cl. 5—334.
- Berglund, Harold R., to Denver Wood Products Co. 2,692,054, Cl. 211—87.
- Berglund, Nils O. H., to Svenska Aktiebolaget Gasaccumulator. 2,689,889, Cl. 200—61.02.
- Berglund, Orion W., assignor to Chadeloid Corporation. 2,674,538, Cl. 106—34.
- Berglund, Orin W., to Chadeloid Corp. 2,691,564, Cl. 8—6.5.
- Berglund, Sven G.: *See*—
Karp, Edward C., and Berglund. 2,678,021.
- Bergman, Carl A., assignor to Standard Duplicating Machines Corporation. 2,674,183, Cl. 101—132.5.
- Bergman, Donald J., to Universal Oil Products Co. 2,683,654, Cl. 23—288.
- Bergman, Gustav A. 2,684,055, Cl. 123—7.
- Bergman, Gustav A. 2,685,867, Cl. 123—7.
- Bergman, Hyman C.: *See*—
Whittingham, Barron S., and Bergman. 2,681,351.
- Bergman, John O.: *See*—
Baumgartner, Eric A. 2,696,973.
- Bergman, Wayne K. 2,682,189, Cl. 81—90.
- Bergman, William E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Use of ion-exchange materials for removal of scale deposits. 2,671,035, Mar. 2.
- Bergman, William H. 2,687,201, Cl. 198—12.
- Bergmann, Carl A., Milwaukee, Wis., assignor, by mesne assignments, to Le Roi Company. Reciprocable hydraulic impact motor. 2,672,847, Mar. 23.
- Bergmann, Christian N. 2,678,124, Cl. 198—32.
- Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyor. 2,670,071, Feb. 23.
- Bergmann, Ernst R., to Goodman Mfg. Co. 2,690,836, Cl. 198—220.
- Bergmann, Ernst R., and W. W. Sloane, assignors to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyor. 2,670,072, Feb. 23.
- Bergmann, Friedrich: *See*—
Schlecht, Leo, and Bergmann. 2,687,349.
- Schlecht, Leo, Bergmann, and Oestreicher. 2,686,714.
- Bergmann, Fritz, to W. E. Gudert. 2,686,432, Cl. 74—325.
- Bergmann, Paul F., assignor to Johnson Products, Inc., Muskegon, Mich. Adjusting screw assembly for rocker arms. 2,669,228, Feb. 16.
- Bergmeister, Eduard, W. Gruber, and J. Heckmaier, Burghausen, Upper Bavaria, Germany, assignors to Wacker-Chemie G. m. b. H. Saponification of polyvinyl esters. 2,668,810, Feb. 9.
- Bergquist, Carl H., to General Electric Co. 2,686,065, Cl. 285—24.5.
- Bergquist, Ernest C., to American Steel Foundries. 2,688,481, Cl. 267—58.
- Bergquist, Theodore W., Willow Grove, Pa. Safety valve. 2,672,882, Mar. 23.
- Bergrun, Norman R.: *See*—
Neel, Carr B., Jr., and Bergrun. 2,686,640.
- Bergson, Arnold, to Jack & Heintz, Inc. 2,693,570, Cl. 322—28.
- Bergstein, Frank D. 2,678,679, Cl. 154—42.
- Bergstein, Frank D., and W. Haas. 2,676,642, Cl. 154—12.
- Bergstein Packaging Trust, The: *See*—
Bergstein, Robert M. 2,697,546.
- Bergstein, Robert M., Wyoming, Ohio. Lined box structure. 2,665,835, Jan. 12.
- Bergstein, Robert M., to The Bergstein Packaging Trust. 2,697,546, Cl. 229—34.
- Bergstein, Robert M. 2,681,174, Cl. 229—38.
- Bergstrom, Clarence G., to G. D. Searle & Co. 2,684,968, Cl. 260—397.45.
- Bergstrom, Eric V., Short Hills, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for hydrocarbon conversion. 2,666,731, Jan. 19.
- Bergstrom, Eric V., to Socony-Vacuum Oil Co., Inc. 2,681,269, Cl. 23—270.5.
- Bergstrom, Eric V., to Socony-Vacuum Oil Co., Inc. 2,684,768, Cl. 214—17.
- Bergstrom, Eric V., to Socony-Vacuum Oil Co., Inc. 2,684,927, Cl. 196—52.
- Bergstrom, Eric V., to Socony-Vacuum Oil Co., Inc. 2,687,618, Cl. 62—1.
- Bergstrom, Eric V., to Socony-Vacuum Oil Co., Inc. 2,690,056, Cl. 62—1.
- Bergstrom, Eric V., to Socony-Vacuum Oil Co., Inc. 2,695,220, Cl. 23—288.
- Bergstrom, Eric V., to Socony-Vacuum Oil Co., Inc. 2,695,815, Cl. 302—17.
- Bergstrom, Frank S. 2,684,229, Cl. 255—1.4.
- Bergstrom, Harold A., to Continental Can Co., Inc. 2,696,339, Cl. 229—4.5.
- Bergstrom, Harold A., to Continental Can Co., Inc. 2,696,340, Cl. 229—5.7.
- Bergstrom, Victor J., to Johnson Spring Cushion Co. 2,694,418, Cl. 140—92.7.
- Berk, Kenneth E.: *See*—
Hott, Ion V. K., and Berk. 2,690,235.
- Berke, Aaron. 2,686,000, Cl. 229—28.
- Berkeley Pump Company, assignee: *See*—
Stadelhofer, Fred F.
- Berkey, Harry L., and G. E. Hieber, to Landis Machine Co. 2,688,144, Cl. 10—107.
- Berklege, Emil, Cleveland Heights, Ohio. Power load equalizer. 2,668,459, Feb. 9.

- Berkley Machine Co.: *See*—
 Winkler, Richard, and Dünnebier. 2,686,052.
 Winkler, Richard, and Dünnebier. 2,690,103.
 Winkler, Richard, and Dünnebier. 2,691,351.
- Berkley, Warren D.: *See*—
 Bolter, William D., Berkley, Ernst, and Landmeier. 2,677,734.
 Bolter, William D., Berkley, Ernst, and Landmeier. 2,685,011.
- Berkman, Meyer, New York, N. Y. Combined photograph camera carrying case and flashbulb holder. 2,665,801, Jan. 12.
- Berkner, Hans O.: *See*—
 Neugebauer, Franz J., and Berkner. 2,687,124.
- Berkovic, Abraham. 2,686,366, Cl. 33—137.
- Berkovitz, Harry, Weehawken, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Elevator inductor switch. 2,666,110, Jan. 12.
- Berkowitz, Jaime. 2,696,840, Cl. 139—134.
- Berks County Trust Co.: *See*—
 Sternbergh, James H., Sr. 2,696,764.
- Berkson, Richard L.: *See*—
 Courtney, Joseph F. 2,694,920.
- Berlant, Emmanuel.: *See*—
 King, Rollin W., and Berlant.
- Berlew, Nelson H. 2,684,552, Cl. 43—44.98.
- Berlew, Nelson H. 2,693,605, Cl. 9—24.
- Berlin, Dennis.: *See*—
 Soltis, John A. 2,690,787.
- Berlin, Dennis, Philadelphia, Pa. Collapsible cart. 2,671,669, Mar. 9.
- Berlin, Irving.: *See*—
 Soltis, John A. 2,690,787.
- Berlin & Jones Co., Inc.: *See*—
 Halahan, John, Aronson, and Lyon. 2,688,830.
 Halahan, John, Aronson, and Lyon. 2,690,102.
 Halahan, John, Aronson, and Lyon. 2,690,337.
- Berlyn, Martin J., assignor to American Locomotive Company. 2,680,651, Cl. 299—107.8.
- Berlyn, Martin J., to American Locomotive Co. 2,690,356, Cl. 299—107.8.
- Berlyn, Martin J., and J. J. Broderick, assignors to American Bosch Corporation. 2,679,805, Cl. 103—37.
- Berlyn, Martin J., and E. E. Stansfield, to American Bosch Corp. 2,688,054, Cl. 200—31.
- Ber-Mac Company, assignee: *See*—
 MacIntyre, John A. 2,678,068.
- Berman, Aaron R. 2,685,072, Cl. 339—62.
- Berman, Benjamin. 2,693,620, Cl. 20—1.
- Berman, Frank. 2,680,325, Cl. 45—58.
- Berman, Frank. 2,680,628, Cl. 281—6.
- Berman, Morris, New York, N. Y. Stress determining instrument. 2,668,444, Feb. 9.
- Berman, Oscar A. 2,674,752, Cl. 5—337.
- Berman, Samuel, Hartford, Conn. Infant's garment. 2,666,203, Jan. 19.
- Berman, Seymour J. 2,677,976, Cl. 74—562.5.
- Bermann, Bernhard R.: *See*—
 Bakken, Lars. 2,684,849.
- Bermejo, Lorenzo. 2,694,231, Cl. 20—112.
- Bernaerts, Henricus F. J. 2,683,277, Cl. 16—18.
- Bernard, Adam P., Rochester, N. Y. Press for forming pellets. 2,670,044, Feb. 23.
- Bernard, Edith E. 2,691,983, Cl. 128—284.
- Bernard, Fred A., to Marman Products Co., Inc. 2,695,437, Cl. 24—279.
- Bernard, George G.: *See*—
 Bond, Donald C., and Bernard. 2,675,083.
 Bond, Donald C., and Bernard. 2,679,294.
- Bernard, George G., to The Pure Oil Co. 2,691,109, Cl. 250—83.
- Bernard, John G., Martinsville, Va., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. High-frequency electronic drying apparatus. 2,668,226, Feb. 2.
- Bernard, Robert A., and R. R. Merner, assignors to E. I. du Pont de Nemours & Company. 2,676,190, Cl. 260—601.
- Bernard Tissot-Dupont.: *See*—
 Bonneval, Noël F. A. M. 2,695,112.
- Bernasconi, Giuseppe. 2,697,261, Cl. 24—205.14.
- Bernat, Henri.: *See*—
 Bernat, Raoul and H. 2,679,353.
- Bernat, Raoul and H. 2,679,353, Cl. 230—222.
- Bernd, Lester E., to The Delaware Steeplechase and Race Assn. 2,680,991, Cl. 88—16.
- Berndt, Arthur A., assignor to Electroline Company, Chicago, Ill. Connector for stranded cable. 2,665,331, Jan. 5.
- Bernelin, Marie A. (Duch): *See*—
 Duch, Gabriel V. A. and M. A. 2,677,746.
- Bernert, Wanda S. 2,680,247, Cl. 2—224.
- Bernhard, John H., Omaha, Nebr. Barge tippie. 2,669,210, Feb. 16.
- Bernhard, Otto. 2,695,528, Cl. 74—217.
- Bernhardt, John V. 2,687,523, Cl. 2—8.
- Bernhardt, Max.: *See*—
 Kleinlein, Fritz, and Bernhardt. 2,686,336.
- Bernhardt, Rudolph, Chicago, Ill. Rotatable table caster. 2,672,741, Mar. 23.
- Bernhart, Finn W.: *See*—
 Tomarelli, Rudolph M., Hassinen, Durbin, and Bernhart. 2,697,663.
- Bernier, Jean.: *See*—
 Warnecke, Robert, Bernier, Guénard, and Kleen. 2,687,777.
- Bernier, Jean, to Compagnie Generale de Telegraphie Sans Fil. 2,688,106, Cl. 315—3.
- Bernitz, Leo. 2,684,090, Cl. 144—2.
- Berno, Edward H., Plymouth, and E. J. Balluff, Farmington, Mich. Brake. 2,666,504, Jan. 19.
- Bernot, Lucien, to Société Anonyme dite: Societe des Piles Wonder. 2,696,514, Cl. 136—133.
- Bernotsky, George A.: *See*—
 Levy, Joseph, and Bernotsky. 2,685,583.
- Bernstein, Abraham, assignee: *See*—
 Greenhaus, Albert.
- Bernstein, Jack.: *See*—
 Shaw, Elliott N., and Bernstein. 2,686,786.
- Bernstein, Joseph R. 2,689,417, Cl. 36—59.
- Bernstein, Maurice H. 2,674,410, Cl. 235—88.
- Bernstein, Nahum A., assignee: *See*—
 Zepelovitch, Nathan.
 Zepelovitch, Nathan. 2,678,762.
- Bernstein, Robert L.: *See*—
 Zussman, Hyman W., and Bernstein.
- Bernstein, Samuel M. 2,676,530, Cl. 98—116.
- Bernstein, Seymour, and R. M. Antonucci, Pearl River, and M. D. Heller, Monsey, assignors to American Cyanamid Company, New York, N. Y. Preparing Δ^4 -pregnenes. 2,666,069, Jan. 12.
- Bernstein, Seymour, and M. D. Heller, to American Cyanamid Co. 2,688,029, Cl. 260—397.2.
- Berntsen, Harry I.: *See*—
 Schrader, Robert J., Young, and Berntsen.
- Berres, Carl.: *See*—
 Müller, Werner, and Berres. 2,695,289.
- Berrett, Malcolm E.: *See*—
 Mathes, Robert H., Hiller, and Berrett. 2,692,814.
- Berriman, Edward W., Tampa, Fla. Manufacturing cigars and preformed fillers therefor. 2,669,996, Feb. 23.
- Berry, Bernard C., to The Allen-Sherman-Hoff Co. 2,693,775, Cl. 110—165.
- Berry, Clifford E., Altadena, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Ion source. 2,672,560, Mar. 16.
- Berry, Clifford E., assignor to Consolidated Engineering Corporation. 2,676,264, Cl. 250—41.9.
- Berry, Clifford E., assignor to Consolidated Engineering Corporation. 2,680,812, Cl. 250—41.9.
- Berry, Clifford E., to Consolidated Engineering Corp. 2,691,107, Cl. 250—41.9.
- Berry, Clifford E., to Consolidated Engineering Corp. 2,691,108, Cl. 250—41.9.
- Berry, Clifford E., to Consolidated Engineering Corp. 2,694,151, Cl. 250—41.9.
- Berry, Clifford E., and C. F. Robinson, to Consolidated Engineering Corp. 2,688,088, Cl. 250—41.9.
- Berry, Earl E., Dayton, Ohio. Indexing valve. 2,666,450, Jan. 19.
- Berry, Frank, assignor to Oliver Iron and Steel Corporation. 2,676,462, Cl. 60—52.
- Berry, Frank, to Oliver Iron and Steel Corp. 2,694,978, Cl. 103—4.
- Berry, Frank, to Oliver Iron and Steel Corp. 2,697,912, Cl. 60—53.
- Berry Geoffrey.: *See*—
 Limon, Walter, Kamper, and Berry.
- Berry, Harry O.: *See*—
 Robinson, Holly K., and Berry. 2,691,311.
- Berry, Herbert C. 2,675,290, Cl. 312—244.
- Berry, Jack H.: *See*—
 McClellan, Marcus E., Zollars, and Berry. 2,695,816.
- Berry, John C. 2,696,295, Cl. 206—79.
- Berry, Kenneth L., to E. I. du Pont de Nemours and Co. 2,692,887, Cl. 260—448.2.
- Berry, Kenneth L., and P. L. Salzberg, to E. I. du Pont de Nemours & Co. 2,692,868, Cl. 260—41.
- Berry Milking System, assignee: *See*—
 Hemminger, Roger S. 2,680,445.
- Berry, Robert I., Chicago, Ill. Conveyer. 2,669,343, Feb. 16.
- Berry, Theodore M., assignor to General Electric Company. 2,679,620, Cl. 318—19.
- Berry, Theodore M., and G. R. Fawkes, Jr, assignors to General Electric Company. 2,675,471, Cl. 250—27.
- Berry, Verne H.: *See*—
 Hulswit, William H., Jr., Briscoe, and Berry.
- Berry, William, C. R. Oswin, and J. Boyd, to British Cellophane Ltd. 2,684,919, Cl. 117—76.
- Berscheit, Ernest J., Grey Eagle, Minn. Animal restraining device. 2,672,123, Mar. 16.
- Berstecher, Carl. 2,693,066, Cl. 51—254.
- Berstler, Francis E., $\frac{1}{2}$ to C. V. Hoke and $\frac{1}{2}$ to E. O. Brubaker. 2,685,872, Cl. 123—169.
- Bersworth, Frederick C., Verona, N. J. Metal ion chelating compounds consisting of monophenyl polyalkylene polyamino polycarboxylic acids and salts. Re. 23,766, Jan. 12.
- Bersworth, Frederick C., Verona, N. J. Hydroxy-aromatic alkylene di-imino di-acetic acids and salts. Re. 23,767, Jan. 12.
- Bersworth, Frederick C. Re. 23,904, Cl. 260—518.
- Bersworth, Frederick C. Re. 23,905, Cl. 260—518.
- Bersworth, Frederick C., Framingham Center, Mass. Polyalkylene polyamino acids. 2,673,213, Mar. 23.

- Bersworth, Frederick C., Framingham Center, and A. E. Frost, Marlborough, Mass., said Frost assignor to said Bersworth. Polyhydroxyamino acid compounds. 2,673,214, Mar. 23.
- Bersworth, Frederick C., and A. E. Martell; said Martell assor, to said Bersworth. 2,686,797, Cl. 260—429.
- Bert, Wesley J. 2,693,252, Cl. 188—4.
- Bertele, Ludwig. 2,676,516, Cl. 88—57.
- Bertele, Ludwig. 2,687,064, Cl. 88—57.
- Bertelsen, Arthur E., to Chrysler Corp. 2,692,793, Cl. 296—44.
- Berterottiere, René, to Compagnie Generale de Telegraphie Sans Fil. 2,682,011, Cl. 315—6.
- Berthel, Gust A., Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. Thermal time lag fuse. 2,667,551, Jan. 26.
- Berthiez, Charles W., La Cote Bizy Vernon, France. Mounting of rotating horizontal tables in machine tools. 2,666,367, Jan. 19.
- Berthiez, Charles W., Bizy Vernon, assignor to Societe Anonyme dite: Societe Nouvelle de Construction de Machines-Outils et d'Outilsage Procédés C. W. B., Paris, France. Selecting device for controlling machines or apparatus members. 2,669,214, Feb. 16.
- Berthiez, Charles W. 2,674,925, Cl. 90—14.
- Berthiez, Charles W. 2,675,419, Cl. 174—65.
- Berthiez, Charles W. 2,677,284, Cl. 74—471.
- Berthiez, Charles W. 2,682,698, Cl. 29—40.
- Berthiez, Charles W., to Société Nouvelle de Construction de Machines-Outils et d'Outilsage, Procédés C. W. B. 2,682,808, Cl. 90—11.
- Berthiez, Charles W., to Societe Anonyme dite: Societe Nouvelle de Construction de Machines Outils et d'Outilsages Procédés C. W. B. 2,685,122, Cl. 29—26.
- Berthiez, Charles W. 2,685,666, Cl. 318—158.
- Berthoud & Cie, assignee: See—
Schütz, Kurt. 2,678,238.
- Bertin, Jean H., assignor to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, Paris, France. Power plant, including a gas engine and turbine. 2,670,593, Mar. 2.
- Bertin, Jean H., and F. G. Paris, assignors to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, Paris, France. Aerodynamic valve. 2,670,011, Feb. 23.
- Bertlett, William, and L. E. Hoffer, to The Eagle-Picher Co. 2,691,797, Cl. 18—19.
- Bertram, Sidney, to the United States of America as represented by the Secretary of the Navy. 2,693,534, Cl. 250—27.
- Bertram, William C., St. Louis, Mo. Awning with movable louvers. 2,666,237, Jan. 19.
- Bertsch, Joseph F., and G. W. Jackson, to General Motors Corp. 2,692,661, Cl. 188—129.
- Bertschy, Meinrad: See—
Nüesch, Johannes, Bertschy, and Galeazzi. 2,678,879.
Nüesch, Johannes, Bertschy, and Galeazzi. 2,678,880.
- Berwick, Albert G. and W. R., to Gaskell & Chambers Ltd. 2,689,671, Cl. 222—416.
- Berwick, William R.: See—
Berwick, Albert G. and W. R. 2,689,671.
- Berz, Max: See—
Engler, Otto. 2,689,689.
- Besag, Ernst, deceased (by M. Besag, executrix), and T. D. G. Wintle, assignors to J. A. Crabtree & Co. Limited. 2,678,981, Cl. 200—116.
- Besag, Ernst, deceased (by M. Besag, executrix), and T. D. G. Wintle, to J. A. Crabtree & Co. Ltd. 2,688,674, Cl. 200—113.
- Besag, Marta, executrix: See—
Besag, Ernst, and Wintle. 2,678,981.
Besag, Ernst, and Wintle. 2,688,674.
- Besal, Joseph A.: See—
Youngfelt, Thomas T., and Besal. 2,675,930.
- Besch, Edmund S., Orchard Park, N. Y. Sportsman's seat. 2,664,939, Jan. 5.
- Bescl, Joseph, Brooklyn, N. Y. Safety control device for heating burners. 2,669,298, Feb. 16.
- Bescocca, Luis. 2,678,362, Cl. 200—113.
- Beseler, Herman F., Minneapolis, Minn. Clothesline support. 2,672,242, Mar. 16.
- Besler Corp.: See—
Price, Nathan C. 2,695,131.
- Besler, William J., Piedmont, Calif. Mechanical fog generator. 2,667,459, Jan. 26.
- Bess, Leon, assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,760, Cl. 250—27.
- Bess, Leon, to the United States of America as represented by the Secretary of the Navy. 2,688,078, Cl. 250—27.
- Besse, Carl H., 42½% to T. S. McCarty, 10% to J. G. Henderson, and 5% to C. H. McHugh. 2,690,808, Cl. 166—176.
- Besse, Victor E., and R. C. Estes. 2,690,636, Cl. 56—25.4.
- Bessen, Inc.: See—
Kramer, Allan, and Bessesen. 2,687,137.
- Besser, Jesse H., to Besser Mfg. Co. 2,692,418, Cl. 25—1.
- Besser Mfg. Co.: See—
Besser, Jesse H. 2,692,418.
- Besserer, Carl W., Jr., assignor to the United States of America as represented by the Secretary of the Navy. 2,680,163, Cl. 200—8.
- Bessesen, Henry A.: See—
Kramer, Allan, and Bessesen. 2,687,137.
- Bessière, Pierre E., to Society "Electro-Mecanique de l'Aveyron," S. A. 2,683,229, Cl. 310—93.
- Bessière, Pierre E., to Electro-Mecanique de l'Aveyron. 2,685,659, Cl. 310—93.
- Bessire, Henri, to Produits Perfectone S. A. 2,681,224, Cl. 271—23.
- Bessire, Jean-Jacques, to Produits Perfectone S. A. 2,697,756, Cl. 179—100.2.
- Besson, Raoul P., Paris, France. Current amplifying gas-filled triode under continuous grid control. 2,671,826, Mar. 9.
- Best, Albert M., assignor to Sperry Corporation, New Holland, Pa. Livestock feeder. 2,665,015, Jan. 5.
- Best, Albert M., assignor to The Sperry Corporation. 2,679,921, Cl. 198—104.
- Best, Chris E., Franklin Township, Summit County, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Heat stabilization of vinylidene chloride resins. 2,666,040, Jan. 12.
- Best, Chris E., to The Firestone Tire & Rubber Co. 2,686,170, Cl. 260—45.8.
- Best, Cleafe A., Jackson, and L. E. Johnson, Parma, assignors to Sparks-Withington Company, Jackson, Mich. High and low volume horn. 2,670,467, Feb. 23.
- Best, Daniel A.: See—
Smith, Charles G., and Best.
- Best, David M.: See—
Claypool, Robbins M., and Best.
- Best, David M., and R. M. Claypool. 2,688,370, Cl. 166—161.
- Best, Edward V.: See—
Best, Frank C. and E. V.
- Best Foods, Inc., The, assignee: See—
Gooding, Chester M., Yahlteich, and Neal.
- Best, Frank C. and E. V., Royal Oak, Mich. Fluid operated motor. 2,668,520, Feb. 9.
- Best, John H., & Sons, Inc.: See—
Best, Leon H. 2,692,687.
- Best, Leon H., to John H. Best & Sons, Inc. 2,692,687, Cl. 211—45.
- Best, Nolan R.: See—
Krause, Ernst H., Rosen, and Best. 2,679,041.
- Best, Peter A.: See—
Faulk, Donald P., and Best. 2,689,899.
- Best, Ralph T. 2,682,246, Cl. 114—53.
- Best, Richard L., to the United States of America as represented by the Secretary of the Navy. 2,683,212, Cl. 250—13.
- Best, Stanley G., to United Aircraft Corp. 2,694,290, Cl. 60—39.28.
- Best, William L., Perry, Ga. Receptacle attachment for spray guns. 2,670,882, Mar. 2.
- Beste, George W., Baton Rouge, La., assignor to Ethyl Corporation, New York, N. Y. Casting sodium-lead alloys. 2,664,605, Jan. 5.
- Beste, Harold E., assignor to Allen B. Du Mont Laboratories, Inc. 2,680,806, Cl. 250—27.
- Beta Trust, assignee: See—
Luckhardt, Johannes. 2,679,284.
Luckhardt, Johannes. 2,679,285.
Luckhardt, Johannes. 2,679,286.
- Bethe, Eugene J., and F. H. Dutoi, to United States Rubber Co. 2,691,189, Cl. 18—38.
- Bethe, Eugene J., and F. H. Dutoi, to United States Rubber Co. 2,691,190, Cl. 18—39.
- Bethea, Charles F., assignor to Phillips Petroleum Company. 2,676,909, Cl. 196—55.
- Bethea, Charles F., to Phillips Petroleum Co. 2,685,560, Cl. 196—55.
- Bethea, Charles F., to Phillips Petroleum Co. 2,691,009, Cl. 260—96.5.
- Bethea, Jasper D., Silver Creek, assignor of one-third to W. R. Bethea, Jackson, and one-third to C. E. Hill, Silver Creek, Miss. Automatic portable sawmill. 2,664,928, Jan. 5.
- Bethea, Sam R., to Standard Oil Development Co. 2,681,374, Cl. 260—683.15.
- Bethea, William R., assignee: See—
Bethea, Jasper D.
- Bethlehem Steel Co.: See—
Anderson, Arvid E. 2,690,259.
Barnes, Roger R. 2,697,050.
Dougherty, Robert S. A., Chamberlin, and Nieman.
Epstein, Samuel, and Cutler.
Epstein, Samuel, and Haupt. 2,694,627.
Hixson, Arthur N., and Horst. 2,697,650.
Hopwood, Charles E., and Winkler. 2,674,941.
Mahood, George P. 2,690,316.
Miller, Raymond E. 2,686,026.
Nieman, Henry W. 2,694,313.
Nieman, Henry W., and Maish. 2,692,003.
Ward, Clemson H., and Young. 2,695,515.
White, William E.
- Wick, Richard M. 2,683,687.
- Bethlehem Supply Company, assignee: See—
Davidson, Harvey E., and Eaton. 2,676,788.
- Bethune, George R., Jr., and H. A. Green, Sr., to The Goodyear Tire & Rubber Co. 2,682,096, Cl. 28—71.3.

- Bethune, James N. 2,676,479, Cl. 70—181.
 Betsold, Louis C. 2,675,694, Cl. 72—39.
 Bettendorf Bakery Equipment Co.: *See—*
 Hill, Gordon, and Bennett. 2,687,819.
 Bettendorf Co., The: *See—*
 Hill, Gordon, and Jensen. 2,680,940.
 Kottmann, Arthur A., and Bauer.
 Better Boxes, Inc.: *See—*
 Killian, George P., and Killian. 2,681,495.
 Better Packages Incorporated, assignee: *See—*
 Krueger, Theodore H. 2,674,975.
 Krueger, Theodore H. 2,675,077.
 Bettes, George B., to Eastman Oil Well Survey Co. 2,688,463, Cl. 255—1.6.
 Bettes, Richard S., Jr., to Standard Oil Co. 2,696,650, Cl. 25—110.
 Bettes, Richard S., Jr., to Standard Oil Co. 2,697,247, Cl. 18—1.
 Bettes, Richard S., Jr., V. Keenan, Jr., and A. P. Radkins, to Standard Oil Co. 2,697,249, Cl. 18—4.
 Bettis, Alva: *See—*
 Brickley, James L. 2,692,734.
 Bettison, David C.: *See—*
 Keaton, Frank H., and Bettison. 2,682,442.
 Bettison, David C. 2,686,668, Cl. 267—1.
 Bettmann, Ernest H., and J. T. Basseches. 2,696,682, Cl. 36—8.5.
 Bettoli, Phillip S.: *See—*
 Eckert, Clarence R., and Bettoli. 2,683,096.
 Betts, Fred K., III, Harrisonburg, Va. Attachment for vibratory screens. 2,670,079, Feb. 23.
 Betts, Joseph L., Jr.: *See—*
 McCracken, Edward A., and Betts. 2,676,951.
 Betz, Glen R., to General Motors Corp. 2,690,926, Cl. 294—82.
 Betzel, A. E., Jr., assignee: *See—*
 Uttz, William A.
 Betzel, Charles A., assignee: *See—*
 Uttz, William A.
 Betzel Specialty Manufacturing Company, assignee: *See—*
 Uttz, William A.
 Betzel, William A., assignee: *See—*
 Uttz, William A.
 Betzer, Cloyd L., assignor to General Motors Corporation. 2,675,865, Cl. 158—4.
 Beu, Eric R., Albion, N. Y. Recovering esters and other volatile components. 2,666,707, Jan. 19.
 Beuer, Frederick G.: *See—*
 Cloody, Frederick W., and Beuer. 2,687,266.
 Beusch, Andrew, Erie, Pa. Combined angle plate and clamping device. 2,671,366, Mar. 9.
 Beuscher, William B., assignor, by mesne assignments, to Appliance Engineering Co., Kansas City, Mo. Wringer head for washing machines. 2,669,110, Feb. 16.
 Beute, George W., to The Babcock & Wilcox Co. 2,687,708, Cl. 122—333.
 Beutel, Ralph H., assignor to Merck & Co., Inc. 2,675,379, Cl. 260—239.7.
 Beveridge, Catherine R.: *See—*
 Borage, Leslie J., and Beveridge. 2,674,569.
 Beveridge, Harold N., and J. J. Staller, to Raytheon Mfg. Co. 2,685,067, Cl. 333—30.
 Beveridge, John C., assignor to International Standard Electric Corporation. 2,677,879, Cl. 29—203.
 Beverly, Nelson E., Williston Park, assignor to The Sperry Corporation, Great Neck, N. Y. Method and apparatus for measuring the frequency response of translating devices. 2,671,198, Mar. 2.
 Bevilacqua, Frank: *See—*
 Goertz, Raymond C., and Bevilacqua. 2,689,318.
 Bevins, James E.: *See—*
 Hazen, Edward J., and Bevins. 2,697,327.
 Bevins, James E., Ramsey, assignor to Bendix Aviation Corporation, Teterboro, N. J. Load sensitive fuel governor for gas turbines. 2,671,860, Mar. 9.
 Bevins, James E., to Bendix Aviation Corp. 2,697,348, Cl. 73—113.
 Bevis, William A., assignor to C. A. V. Limited. 2,678,211, Cl. 268—65.
 Bewick, Howard A., to Allied Chemical & Dye Corp. 2,692,818, Cl. 23—219.
 Bewley, Thomas: *See—*
 Bellringer, Frederick J., Bewley, and Stanley. 2,691,037.
 Beyer, Arthur J. 2,675,724, Cl. 81—72.
 Beyer, Frank A., Jr., and B. Adamson, to Halliburton Oil Well Cementing Co. 2,689,007, Cl. 164—0.5.
 Beyer, Frederick W., assignor to National Stamping Company. 2,677,851, Cl. 16—86.
 Beyer, George L., Jr.: *See—*
 Shepard, Ward, Jr., Serrell, Beyer, and Robertson. 2,680,669.
 Beyer, John H., to United States Pipe and Foundry Co. 2,689,407, Cl. 33—147.
 Beyer, Walter E. 2,696,058, Cl. 40—132.
 Beyer, Walter O. 2,693,378, Cl. 285—163.
 Beyerman, Hugo C., and W. L. C. Veer, to Organon, Inc. 2,692,898, Cl. 260—591.
 Beyermann, Otto K.: *See—*
 Ochel, Willy G., Beyermann, and Gehrman. 2,676,752.
 Beyerstedt, Ralph L., to The Frank G. Hough Co. 2,690,848, Cl. 214—131.
 Beyl, Jean J. A. 2,676,813, Cl. 280—11.35.
 Bezman, Irving I., to Armstrong Cork Co. 2,696,447, Cl. 117—76.
 B'hend, Louise J.: *See—*
 Bhend, Otto. 2,679,911.
 Bhend, Otto, by decree of distribution to L. J. B'hend. 2,679,911, Cl. 189—26.
 Bich, Marcel, and L. Chavane, assignors to Etablissements MacGregor-Comarain. 2,674,967, Cl. 114—202.
 Bichsel, Harry J.: *See—*
 Steinert, Emil F., Bichsel, and Rebuffoni.
 Bick, John D., assignor to Radio Corporation of America. 2,680,198, Cl. 250—36.
 Bickel, Arthur J., assignor, by mesne assignments, to Speedograph, Inc., Chicago, Ill. Bookkeeping device. 2,665,924, Jan. 12.
 Bickell, Stanley F., F. Cotterell, and H. E. Jackson. 2,683,319, Cl. 38—61.
 Bickerstaff, Inc.: *See—*
 Bickerstaff, Lindsay N.
 Bickerstaff, Lindsay N., to Bickerstaff, Inc. 2,681,741, Cl. 214—655.
 Bickford Bro.'s Co.: *See—*
 Layton, Harry L. 2,694,760.
 Rouse, George H., and Layton.
 Bickford, Charles A., to Gilbert & Barker Mfg. Co. 2,693,202, Cl. 137—625.31.
 Bickford, Reginald G., to Research Corp. 2,690,178, Cl. 128—213.
 Bickford, William G.: *See—*
 Pack, Frank C., Moore, and Bickford. 2,685,597.
 Bickley, Everett H., Pen Valley, Pa. Scanning mechanism for color sorting machines. 2,665,388, Jan. 5.
 Bickley, Everett H. 2,675,488, Cl. 250—209.
 Bickley, Everett H. 2,688,099, Cl. 250—237.
 Bickley, Everett H. 2,693,197, Cl. 137—232.
 Bickoff, Emanuel M., to the United States of America as represented by the Secretary of Agriculture. 2,686,124, Cl. 99—8.
 Bidaut, Auguste F., assignor to Societe des Usines Chimiques Rhone-Poulenc. 2,677,658, Cl. 252—28.
 Biddison, John M., assignor to H. W. Moore, Dayton, Ohio. Armature winding machine. 2,670,145, Feb. 23.
 Biddle, James G., Co.: *See—*
 Dyner, Benjamin L. 2,681,588.
 Biddulph, Rulon S., and K. H. Davis, to Bell Telephone Laboratories, Inc. 2,685,615, Cl. 179—1.
 Bidwell, Joseph B., assignor to General Motors Corporation. 2,675,701, Cl. 73—141.
 Biederman, Edward G.: *See—*
 Day, Harry E., and Biederman. 2,683,206.
 Biefeld, Lawrence P., to Owens-Corning Fiberglas Corp. 2,683,097, Cl. 117—76.
 Biefeld, Lawrence P., Granville, and J. P. Stalego, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Sized strands and making same. 2,671,744, Mar. 9.
 Biefeld, Lawrence P., Granville, and A. R. Morrison, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Producing vapor permeable fluid impermeable fabric and product. 2,673,823, Mar. 30.
 Biefeld, Lawrence P., Granville, and A. R. Morrison, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Producing vapor permeable fluid repellent fabrics. 2,673,824, Mar. 30.
 Biefeld, Lawrence P., Granville, and A. R. Morrison, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Manufacturing vapor permeable fluid repellent fabrics. 2,673,825, Mar. 30.
 Bieg, John H., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Method of and apparatus for winding coils in pairs with a continuous strand of wire. 2,666,592, Jan. 19.
 Biegert, George, assignor to Mergenthaler Linotype Company. 2,677,313, Cl. 90—33.
 Biegler, John R. 2,674,501, Cl. 306—7.
 Biehn, Gerald L.: *See—*
 Ditzler, John L., and Biehn.
 Biek, George. 2,689,369, Cl. 15—245.
 Bielawski, Mitchell S.: *See—*
 Mavity, Julian M., and Bielawski. 2,692,241.
 Bielawski, Mitchell S., and J. M. Mavity, to Universal Oil Products Co. 2,692,242, Cl. 252—435.
 Bielawski, Mitchell S., and J. M. Mavity, to Universal Oil Products Co. 2,694,048, Cl. 252—435.
 Bielefeld, Victor H. 2,675,781, Cl. 119—26.
 Bieling, Fritz, to Siemens-Schuckertwerke Aktiengesellschaft. 2,684,430, Cl. 219—37.
 Bielinski, Leo S. 2,698,431, Cl. 340—345.
 Biello, Stephen J.: *See—*
 Mason, Walker, and Biello. 2,693,146.
 Bienenfeld, Arthur, and H. L. Hurwitz. 2,677,990, Cl. 88—73.
 Bienert, Berthold: *See—*
 Baumann, Fritz, Bienert, and Röscher. 2,683,643.
 Bienfait, Louis A. J., Eaubonne, and G. L. Dupuich, Gare de Serqueux, France. Apparatus for checking the gauge of railway tracks. 2,672,694, Mar. 23.
 Bienias, Fred J.: *See—*
 Kurtz, George B., and Bienias. 2,692,802.
 Bier, Gerhard, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Bruning. 2,689,836, Cl. 260—30.6.

- Blerer, Joseph. 2,682,152, Cl. 61—45.
- Bierlein, Carl A.: *See—*
Junge, Clarence W., and Bierlein. 2,696,807.
- Bierly, Lester A., Chautauqua, N. Y., assignor to Presque Isle Laboratories and Manufacturing, Inc., Erie, Pa. Self-extinguishing asphalt composition. 2,667,425, Jan. 26.
- Bierly, Lester A., Silver Springs, Fla., assignor, by mesne assignments, to Diamond Alkali Company, Cleveland, Ohio. Flame resistant compositions. 2,669,521, Feb. 16.
- Bierman, William. 2,674,242, Cl. 128—25.
- Bierman, William. 2,696,206, Cl. 128—25.
- Biermann, David, assignor of one-half to Hartzell Industries, Inc., Piqua, Ohio. Fluid mixing valve. 2,670,901, Mar. 2.
- Biermann, David, to Hartzell Industries, Inc. 2,694,459, Cl. 170—160,16.
- Biermann, William A., and R. W. Sloane, Milwaukee, Wis., assignors to A P Controls Corporation. Liquid flow control. 2,670,005, Feb. 23.
- Biesemeyer, Arthur E., assignor to New Process Gear Corporation, Syracuse, N. Y. Rotary shuttle for sewing machines. 2,673,541, Mar. 30.
- Biesemeyer, Arthur E., and C. F. Dolan, assignors to New Process Gear Corporation. 2,679,220, Cl. 112—215.
- Bifano, Natale J.: *See—*
Deardorff, Clinton E., Elder, and Bifano.
- Bigelow, Harry K. 2,674,309, Cl. 164—38.
- Bigelow-Liptak Corp.: *See—*
Banck, Robert A.
Sampson, Richard E. 2,694,370.
Sampson, Richard E. 2,694,371.
- Bigelow, Roy S., to Goodman Mfg. Co. 2,691,503, Cl. 248—354.
- Bigelow-Sanford Carpet Co., Inc.: *See—*
Dildilian, Ara T. 2,692,842.
Parlin, David B. 2,685,894.
Reinhardt, Henry A., and Moody. 2,676,384.
- Biggert, Florence C., Jr., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Control system for hydraulic presses. 2,666,292, Jan. 19.
- Biggle, Laurence C., assignor to General Controls Co. 2,674,255, Cl. 137—66.
- Biggle, Laurence C., assignor to General Controls Co. 2,677,004, Cl. 136—4.
- Biggle, Laurence C., assignor to General Controls Co. 2,677,712, Cl. 136—4.
- Biggs, Glenn C.: *See—*
Geiselman, Ralph A., and Biggs.
- Biginelli, Oreste F. A. 2,675,124, Cl. 207—6.
- Bigio, Albert. 2,692,658, Cl. 188—5.
- Bigio, Albert. 2,693,923, Cl. 244—140.
- Bigler, Benjamin J. 2,692,467, Cl. 56—33.
- Bigler, Joseph G.: *See—*
Bigler, William P. and J. G.
- Bigler, Max, assignor to Viewmaster Corp. 2,677,129, Cl. 2—10.
- Bigler, Robert R., assignor to Radio Corporation of America. 2,676,275, Cl. 310—8,9.
- Bigler, William P., Gates Mills, and J. G. Bigler, Wilmoughby, Ohio. Flexible flight for chain conveyers. 2,667,263, Jan. 26.
- Bigner, Ray: *See—*
Hood, Myron E. 2,696,217.
- Bigwood, Jashua, and Son Limited, assignee: *See—*
Tinley, Ernest L., and Driver.
- Bihaly, Lajos. 2,684,651, Cl. 112—204.
- Bihler, Roger, to Victoria Vogue, Inc. 2,692,221, Cl. 154—117.
- Bihler, Roger, to Victoria Vogue, Inc. 2,697,471, Cl. 154—1,6.
- Bihler, Walter G. 2,692,052, Cl. 210—57.
- Bijold, Eugene J. 2,681,098, Cl. 155—15.
- Bikini Blanket Co., Inc.: *See—*
Sullivan, Ray E. 2,683,876.
- Bilane, Roland B.: *See—*
Schwartz, Morris A., and Bilane. 2,691,517.
- Bilde, Tord E. D., to Aktiebolaget Elektrolux. 2,687,029, Cl. 68—21.
- Bilde, Tord E. D., K. E. Hjelm, and R. B. J. Hultberg, assignors to Aktiebolaget Elektrolux. 2,676,088, Cl. 8—159.
- Bileth, Frank W. 2,684,063, Cl. 128—62.
- Bilhartz, Harrell L., and H. E. Greenwell, Dallas, Tex., assignors to The Atlantic Refining Company, Philadelphia, Pa. Holder for corrosion testing coupons. 2,664,744, Jan. 5.
- Bilhartz, Harrell L., and H. E. Greenwell, assignors to The Atlantic Refining Company. 2,674,756, Cl. 15—104,06.
- Bill Jack Scientific Instrument Company, assignee: *See—*
Phillips, Richard L. 2,677,800.
- Bill, Theodore R. 2,690,269, Cl. 214—390.
- Billard, Harold W., and E. C. Brundage, to Western Electric Co., Inc. 2,686,829, Cl. 178—1.
- Billeter, Henry R., Highland Park, assignor to Ammco Tools, Inc., North Chicago, Ill. Connecting rod alignment gauge. 2,664,643, Jan. 5.
- Billeter, Henry R., to Ammco Tools, Inc. 2,691,253, Cl. 51—67.
- Billeter, Jean-René: *See—*
Miescher, Karl, and Billeter. 2,689,856.
- Billett, Russell A.: *See—*
Darin, Peter C., and Billett. 2,693,343.
- Billetter, Halton A., assignor to The McKay Machine Company. 2,675,076, Cl. 164—60.
- Billig, Else: *See—*
Brüning, Fritz, Veldgen, Becker, and Billig. 2,690,907.
- Billig, Ernst: *See—*
Brüning, Fritz, Veldgen, Becker, and Billig. 2,690,907.
- Billig, Ralph B.: *See—*
Ziskin, Manuel S., and Billig.
- Billing, Joseph: *See—*
Hawkes, John A., and Billing. 2,686,102.
- Billings, Harry P. 2,692,780, Cl. 281—42.
- Billings, Orman B., Wilmington, Del., and W. R. Remington, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Half-chromed azo dye. 2,671,081, Mar. 2.
- Billings, Roy O., Milwaukee, Wis. Apparatus for handling automobiles. 2,667,983, Feb. 2.
- Billings, William A., and Z. Brzozowski, to International Standard Electric Corp. 2,696,227, Cl. 140—112.
- Billner, Karl P., Philadelphia, Pa., assignor to Vacuum Concrete, Inc. Molding apparatus. 2,671,940, Mar. 16.
- Billner, Karl P., to Vacuum Concrete, Inc. 2,688,175, Cl. 25—154.
- Bills, John L., assignor to Union Oil Company of California. 2,679,544, Cl. 260—679.
- Bills, John L., to Union Oil Co. of California. 2,684,390, Cl. 260—679.
- Bills, John L., to Union Oil Co. of California. 2,698,349, Cl. 260—679.
- Bills, Philip H., J. A. Logan, and T. J. Mesh, to Gilbert & Barker Mfg. Co. 2,681,695, Cl. 158—76.
- Bills, Philip H., and A. L. Grisé, to Gilbert & Barker Mfg. Co. 2,682,353, Cl. 222—23.
- Bilodeau, Joseph J.: *See—*
Cleveland, Charles H., and Bilodeau. 2,689,504.
- Bilsky, Samuel, Flint, Mich. Rotary fluid pump. 2,672,098, Mar. 16.
- Bily, Peter J., to Chicksan Co. 2,697,006, Cl. 299—55.
- Bily, Peter J., to Chicksan Co. 2,698,192, Cl. 285—97,3.
- Bimberg, Elmer M., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Governor. 2,669,229, Feb. 16.
- Bimberg, Elmer M., assignor to Bendix Aviation Corporation. 2,676,004, Cl. 261—41.
- Binda, Frederick J., assignor to Polaroid Corporation. 2,674,159, Cl. 88—65.
- Binder, August E., Jr., to General Electric Co. 2,692,209, Cl. 117—10.
- Binder, Leo J. 2,682,127, Cl. 43—21,2.
- Binder, Richard. 2,678,120, Cl. 192—111.
- Binder, Richard, to Fichtel & Sachs A. G. 2,687,627, Cl. 64—27.
- Binder, William O., to Union Carbide and Carbon Corp. 2,684,299, Cl. 75—171.
- Binder, William O., and C. R. Bishop, assignors to Union Carbide and Carbon Corporation. 2,678,881, Cl. 75—122.
- Bindszus, William. 2,692,457, Cl. 51—5.
- Bing, Herbert A., Wellesley, Mass., assignor to Eastman Kodak Company, Rochester, N. Y. Film metering tape control system for camera film winds. 2,666,375, Jan. 19.
- Bing, Herbert A., and A. L. H. Wright, to Polaroid Corp. 2,692,540, Cl. 95—75.
- Bingenheimer, Melvin: *See—*
Drobney, Joseph A., and Bingenheimer. 2,693,516.
- Bingenheimer, Melvin, assignor to Westinghouse Electric Corporation. 2,677,026, Cl. 200—88.
- Binggely, Elmer C.: *See—*
Gerber, Dale C., and Binggely. 2,677,907.
Gerber, Dale C., and Binggely. 2,678,375.
- Binggely, Elmer C., Canton, assignor to The Hoover Company, North Canton, Ohio. Iron rest. 2,668,379, Feb. 9.
- Binggely, Elmer C., to The Hoover Co. 2,688,408, Cl. 211—137.
- Bingham-Herbrand Corporation, The, assignee: *See—*
Hinsey, Robert S.
- Bingman, Frederick P., Birmingham, assignor to The R. C. Mahon Company, Detroit, Mich. Apparatus for accumulating and automatically removing paint sludge. 2,671,562, Mar. 9.
- Bingman, Frederick P., to The R. C. Mahon Co. 2,694,466, Cl. 183—22.
- Bingman, Lena: *See—*
Orr, Madge M. 2,697,228.
- Bink, Julius H., and A. J. Evers, assignors to Reefer-Galler, Inc., New York, N. Y. Container for vaporizable solid material. 2,673,120, Mar. 23.
- Binks, Melvin J., to Republic Patent Corp. 2,684,597, Cl. 74—158.
- Binns, Jack N.: *See—*
Crawley, Arthur, Binns, and Dugle.
- Binns, Philip G.: *See—*
Haworth, Lionel, and Binns. 2,680,634.
- Binstock, Martin H., to Westinghouse Electric Corp. 2,694,126, Cl. 200—166.
- Bintliff, Chester D., and E. L. Attebery, assignors to Gulf Canal Lines, Inc., Houston, Tex. Loading platform. 2,670,484, Mar. 2.
- Biordi, Albert S., Reseda, and J. M. Warner, Torrance, assignors to The H. I. Thompson Company, Los Angeles, Calif. Forming sheet metal and sheet metal formed thereby. 2,671,491, Mar. 9.

- Biordi, Albert S., Reseda, and J. M. Warner, Torrance, assignors to The H. I. Thompson Company, Los Angeles, Calif. Apparatus for forming sheet metal and sheet metal formed thereby. 2,671,192, Mar. 9.
- Birbaum, Lester W., assignor to La Belle Industries, Inc., Oconomowoc, Wis. Centrifugally engaged clutch. 2,665,790, Jan. 12.
- Birbaum, Lester W., assignor to La Belle Industries, Inc. 2,678,117, Cl. 192—48.
- Birbaum, Lester W., assignor to La Belle Industries, Inc. 2,678,119, Cl. 192—105.
- Birbaum, Lester W., to La Belle Industries, Inc. 2,694,937, Cl. 74—336.
- Birch Brothers, Inc.: *See*—
- Birch, Clifford W., Jr. 2,688,176.
- Birch, Charles K., to Lehigh Valley Coal Sales Co. 2,685,480, Cl. 302—36.
- Birch, Clifford W., Jr., to Birch Brothers, Inc. 2,688,176, Cl. 26—63.
- Birch, James E., Wolverhampton, England. Means for crating or boxing bottles and for removing bottles from crates or boxes. 2,666,562, Jan. 19.
- Birch, James E. 2,675,119, Cl. 198—34.
- Birch, Raymond E., and C. L. Thompson, assignors to Harbison-Walker Refractories Company, Pittsburgh, Pa. Magnesite-chrome refractories. 2,671,732, Mar. 9.
- Birch, Thomas H., and A. V. Nystrom, said Nystrom assignor to said Birch. 2,675,893, Cl. 188—195.
- Birch, Thomas H., and G. H. Koester. 2,691,989, Cl. 137—460.
- Birchard, Wayne E.: *See*—
- Fagley, Gilbert H., and Birchard. 2,682,176.
- Bircher, John R., Jr., to Battelle Development Corp. 2,698,286, Cl. 202—42.
- Birchler, Robert O., and E. W. Ertner, to Western Electric Co., Inc. 2,696,192, Cl. 118—34.
- Bird, Ernest M., assignor to Premier Saf-Brake Co., Inc., Scranton, Pa. Adaptable safety brake system. 2,673,483, Mar. 30.
- Bird, George W. T., J. Dennett, and E. M. S. Wood, assignors to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. 2,677,918, Cl. 49—1.
- Bird, Richard, assignee: *See*—
- Middleton, William H., and Miller. 2,675,879.
- Bird & Son, Inc.: *See*—
- Adams, Daniel O. 2,688,209.
- Crowe, John A. 2,686,009.
- Koval, John P.
- Trepp, Samuel G. 2,696,452.
- Bird, Stanley P., Verona, assignor to Breeze Corporations, Inc., Newark, N. J. High attenuation shielded lead structure. 2,669,695, Feb. 16.
- Bird, Stanley P., to Breeze Corp., Inc. 2,696,517, Cl. 174—36.
- Bird, Wilmer L.: *See*—
- Lewis, William R., Bird, and Page. 2,688,004.
- Birdsboro Steel Foundry and Machine Co.: *See*—
- Peterson, Edward T. 2,677,979.
- Peterson, Edward T. 2,684,605.
- Peterson, Edward T. 2,696,131.
- Peterson, Edward T. 2,697,335.
- Birdwell, Gus O., Perryton, Tex. Vehicle hitch. 2,665,144, Jan. 5.
- Birdwell, Robert M. 2,688,465, Cl. 255—20.
- Biribauer, Frank A., C. S. Carlson, and C. E. Morrell, to Standard Oil Development Co. 2,684,385, Cl. 260—601.
- Birkbeck, Guy, D. J. Tremlett, B. E. Noltingk, and E. A. Neppiras, assignors to Hartford National Bank and Trust Company, as trustee. 2,676,236, Cl. 219—26.
- Birkigt, Louis, assignor to Society "Hispano-Suiza (Suisse)". S. A. 2,680,495, Cl. 184—13.
- Birkigt, Louis, to Society "Hispano-Suiza" (Suisse) S. A. 2,692,473, Cl. 57—102.
- Birkland, Stellan, assignor to American Can Company. 2,675,203, Cl. 249—11.
- Birkland, Stellan, assignor to American Can Company. 2,676,740, Cl. 226—68.
- Birkland, Stellan, and M. W. Loveland, to American Can Co. 2,684,803, Cl. 226—72.
- Birmingham Industries, Inc.: *See*—
- Rimmeir, Paul. 2,680,887.
- Birmingham Tool & Gauge Company Limited, assignee: *See*—
- Tallis, Charles F.
- Birney, George A. 2,683,592, Cl. 257—246.
- Biro, Charles B.: *See*—
- Biro, Michael B. and C. B. 2,698,187.
- Biro, Michael B. and C. B. 2,698,187, Cl. 280—226.
- Birome Sociedad Anonima, Commercial E Industrial, assignee: *See*—
- Gons, Carlos F. E.
- Birr, Rudolph G., to American Linen Supply Co. 2,682,328, Cl. 194—4.
- Birr, Rudolph G., to American Linen Supply Co. 2,691,561, Cl. 312—38.
- Birr, Rudolph G., to American Linen Supply Co. 2,693,321, Cl. 242—68.
- Birtman Electric Co.: *See*—
- Howard, Frank S.
- More, Philip J.
- Sparklin, Charles H.
- Sparklin, Charles H. 2,684,881.
- Sparklin, Charles H. 2,695,936.
- Birum, Herbert L., Jr.: *See*—
- Hammitt, Andrew B., and Birum.
- Bischoff & Klein: *See*—
- Luhmann, Fritz, and Klein. 2,690,706.
- Bischoff, Waldemar O., assignor to American Bosch Corporation. 2,679,804, Cl. 103—2.
- Bishoferger, Carl J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pump and motor hydraulic actuator. 2,669,095, Feb. 16.
- Bishop, Arthur E. 2,682,311, Cl. 180—79.2.
- Bishop & Babcock Mfg. Co., The: *See*—
- Getz, Arnstead G. 2,684,707.
- Bishop, Clare R.: *See*—
- Winfree, Robert N., and Bishop. 2,682,961.
- Bishop, Claude R.: *See*—
- Binder, William O., and Bishop. 2,678,881.
- Bishop, Clifford F. 2,690,613, Cl. 29—263.
- Bishop, G. H., Co.: *See*—
- Gates, Charles A. 2,687,632.
- Bishop, George P.: *See*—
- Musser, C. Walton, and Bishop. 2,693,645.
- Bishop, J., & Co. Platinum Works: *See*—
- Hickey, George M.
- Hickey, George M. 2,682,874.
- Hickey, George M. 2,697,438.
- Bishop, James S. 2,680,653, Cl. 299—132.
- Bishop, Jerome H., Jr., and M. Engle, assignors to Western Lithograph Company. 2,679,928, Cl. 206—56.
- Bishop, John J., assignor to Standard Gage Company, Inc., Poughkeepsie, N. Y. Dial snap gauge. 2,671,272, Mar. 9.
- Bishop, John W., Plainfield, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Rust inhibiting composition. 2,665,995, Jan. 12.
- Bishop, John W., Plainfield, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Substituted ammonium salts. 2,666,034, Jan. 12.
- Bishop, John W., to Tide Water Associated Oil Co. 2,695,848, Cl. 106—14.
- Bishop, Le Roy D., E. L. Barnett, E. K. Gentel, and H. H. Leman, to Armstrong Cork Co. 2,697,528, Cl. 214—8.5.
- Bishop, Lewis H., Burlingame, and L. W. Tribbett, Santa Monica, assignors, by mesne assignments, to W. H. Mead, Oakland, Calif. Air separator for reclaiming abrasives from waste materials. 2,667,969, Feb. 2.
- Bishop, Nathaniel: *See*—
- Faeber, Harry W., and Bishop. 2,680,405.
- Bishop, Ray H., and R. F. Hoopes, Sr. 2,688,420, Cl. 220—84.
- Bishop, Robert H., Champaign, Ill. Refrigerated open top compartment. 2,669,850, Feb. 23.
- Bishop, Roland R., and M. Olley, to General Motors Corp. 2,690,334, Cl. 267—44.
- Bishop, Ronald L., assignor to Arma Corporation. 2,677,194, Cl. 33—226.
- Bishop, Ronald L., and F. L. Ryder, to American Bosch Arma Corp. 2,693,928, Cl. 248—317.
- Bishop, Vernon L. 2,682,421, Cl. 280—432.
- Bissell, Donald E., J. W., and W. E. 2,690,896, Cl. 255—51.
- Bissell, James W.: *See*—
- Bissell, Donald E., J. W., and W. E. 2,690,896.
- Bissell, Walter E.: *See*—
- Bissell, Donald E., J. W., and W. E. 2,690,896.
- Bisset, William, to Mathews Conveyor Co. 2,682,329, Cl. 198—21.
- Bissinger, William E., to Columbia-Southern Chemical Corp. 2,692,900, Cl. 260—648.
- Bissman, Carl A., deceased, by E. L. Bissman, executrix. 2,679,447, Cl. 312—338.
- Bissman, Elizabeth L., executrix: *See*—
- Bissman, Carl A. 2,679,447.
- Bisson, Jules H. 2,675,696, Cl. 72—128.
- Bisson, Leo J. 2,681,200, Cl. 248—285.
- Bissot, Joseph E., to R. G. Manchester. 2,695,807, Cl. 292—341.8.
- Biswell, Charles B., to E. I. du Pont de Nemours and Co. 2,696,427, Cl. 44—63.
- Bither, Isaiah M. 2,684,647, Cl. 110—163.
- Bitting, Robert C., Jr., assignor to Radio Corporation of America. 2,679,187, Cl. 88—16.2.
- Bittner, Fredwill. 2,686,659, Cl. 254—186.
- Bitumex Limited, assignee: *See*—
- Shaw, Harry.
- Bituminous Coal Research Inc.: *See*—
- Von Stroh, Gerald F. H., and Smith. 2,690,252.
- White, Roy B. 2,689,456.
- Yellott, John I. 2,675,676.
- Bitzer, Jack A., and E. N. Woistmann, to General Mills, Inc. 2,694,210, Cl. 15—119.
- Bitzer, Martin: *See*—
- Oishei, John R., and Bitzer. 2,685,776.
- Oishei, John R., and Bitzer. 2,691,186.
- Bitzer, Martin, Kenmore, assignor to Trico Products Corporation, Buffalo, N. Y. Fluid motor valve means. 2,670,720, Mar. 2.
- Bitzer, Martin, to Trico Products Corp. 2,683,275, Cl. 15—253.
- Bitzer, Robert E., W. E. Manown, and F. W. Loy, Dayton, Ohio. Method and apparatus for selective sorting. 2,672,630, Mar. 23.
- Bivans, E. L., Inc.: *See*—
- Bivans, Elbert L. 2,682,209.
- Bivans, Elbert L. 2,682,210.

- Bivans, Elbert L., to E. L. Bivans, Inc. 2,682,209, Cl. 93—49.
- Bivans, Elbert L., to E. L. Bivans, Inc. 2,682,210, Cl. 93—49.
- Bixby, Leo A., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Synchronizer. 2,667,955, Feb. 2.
- Bixby, Wallace E. 2,690,265, Cl. 210—169.
- Bixby, William E.: *See*—
Schaffert, Roland M., McMaster, and Bixby.
- Bixby, William H., to D. R. Middleton and S. M. Hanley, a copartnership d. b. a. Power Equipment Co. 2,688,721, Cl. 321—18.
- Bixler, Harley H.: *See*—
King, Ralph E., and Bixler.
- Bixler, Milo E., to The Hoover Co. 2,684,428, Cl. 219—25.
- Bjarne, Johan A. 2,680,571, Cl. 241—290.
- Bjerkan, Arthur J., to Deere & Co. 2,685,356, Cl. 192—89.
- Bjerre, Folmar I., Hamburg, N. Y. Machine lubricator. 2,664,969, Jan. 5.
- Björklund, Gustaf E., Stockholm, Sweden. Electric heating oven. 2,672,548, Mar. 16.
- Bjork, Orville H. 2,696,704, Cl. 56—25.
- Björklund, Gustaf E., and K. Å. Lindblom, to Aktiebolaget Dentatus. 2,690,081, Cl. 74—44.
- Bjorklund, Tex, Venice, Calif. Firearm trigger lock. 2,664,658, Jan. 5.
- Björkman, Karl A. G., Hammarbyhöjden, assignor to Lumalampan Aktiebolag, Stockholm, Sweden. Auxiliary discharge tube for igniting, preferably on direct current, electric discharge tubes. 2,673,266, Mar. 23.
- Bjorksten, Johan, to Bjorksten Research Laboratories For Electrochemistry, Inc. 2,688,649, Cl. 136—111.
- Bjorksten Research Laboratories For Electrochemistry, Inc.: *See*—
Bjorksten, Johan. 2,688,649.
- Bjorksten Research Laboratories, Inc.: *See*—
Eisen, John B. 2,679,546.
Katz, Irving. 2,694,722.
Schulte, Frederick E. 2,679,186.
- Bjorndal, Magnus: *See*—
Mettler, George. 2,683,973.
- Blaauw, Andrew, and G. W. Findley, assignors to Dearborn Motors Corporation, Birmingham, Mich. Tractor jack. 2,667,329, Jan. 26.
- Black, Andrew R. 2,685,826, Cl. 92—20.
- Black, Clarence S. 2,693,288, Cl. 214—390.
- Black-Clawson Co., The: *See*—
Baxter, Joseph, Jr. 2,681,598.
Baxter, Joseph, Jr. 2,695,550.
Baxter, Joseph, Jr., Herrick, and Javid. 2,681,721.
Bower, Fred C. 2,696,638.
Bridge, Adam E., and Gibson. 2,686,460.
Fridolph, John S. 2,681,636.
Gibson, Albert G.
Haskell, John D. 2,681,771.
Haskell, John D. 2,697,851.
Hyman, Howard D., and Root.
Jacobs, Robert J. 2,681,611.
Micholson, George R., Jr.
Schrock, Raymond L. 2,681,610.
Staeger, Stephen A., and Pearson.
Stark, Donald L. 2,696,766.
White, William A., Jr. 2,694,344.
- Black, David J., to Coates Brothers & Co. Ltd. 2,690,119, Cl. 101—148.
- Black and Decker Manufacturing Company, The, assignee: *See*—
Baker, James N.
- Black, Donald M., to Monsanto Chemical Co. 2,694,051, Cl. 260—29.3.
- Black, Howard C.: *See*—
Young, Harland H., and Black. 2,682,550.
- Black, Howard C., and J. H. Johnson, assignors to Swift & Company. 2,680,122, Cl. 260—398.5.
- Black, Howard W. 2,685,456, Cl. 280—478.
- Black, James F., and K. K. Kearby, to Standard Oil Development Co. 2,682,552, Cl. 260—449.6.
- Black, James J., to Trailmobile Inc. 2,681,716, Cl. 189—88.
- Black, James J., to Trailmobile, Inc. 2,692,146, Cl. 280—432.
- Black, Judd H.: *See*—
Warren, Horace G., and Black. 2,678,761.
- Black, Karl H., and R. S. Winters, Muskegon, Mich. Remote meter reading attachment for inaccessible meters. 2,671,211, Mar. 2.
- Black, Lloyd V., and F. V. Atkeson, to Pittsburgh Plate Glass Co. 2,697,676, Cl. 154—273.
- Black, Marion R. 2,678,557, Cl. 72—130.
- Black, Orman L. 2,681,502, Cl. 30—2.
- Black, Robert B. 2,696,049, Cl. 32—58.
- Black, Robert J., and P. I. Corbell, to Collins Radio Co. 2,685,045, Cl. 313—278.
- Black, Rodney A., assignor to General Electric Company. 2,678,418, Cl. 321—12.
- Black, Theodore R. 2,678,718, Cl. 198—177.
- Black, William A., and A. B. Poole, assignors to Haydon Manufacturing Company, Inc. 2,678,570, Cl. 74—569.
- Blackburn, Andrew R., and R. E. Steele, Columbus, Ohio. Making ware by casting. 2,669,762, Feb. 23.
- Blackburn and General Aircraft Ltd.: *See*—
Crocombe, Frederick F., and Hill.
Gannon, Frank A. 2,689,696.
Hill, Geoffrey T. R., and Guppy.
Whitworth, Kenneth A. 2,688,982.
- Blackburn, Herbert K., to The 1-T-E Circuit Breaker Co. 2,685,016, Cl. 201—67.
- Blackburn, John F., to the United States of America as represented by the Secretary of the Navy. 2,691,895, Cl. 74—111.
- Blackburn, Luther A., Eagle Rock, Calif. Foam pressure balanced walking beam type oil well pumping jack. 2,664,764, Jan. 5.
- Blackburn, Luther A. 2,694,933, Cl. 74—37.
- Blackburn, Wayne W. 2,685,367, Cl. 209—1.
- Blackford, Donald E., Plymouth, assignor to Lincoln Brass Works, Inc., Detroit, Mich. Valve for controlling flow of gas to burners. 2,665,107, Jan. 5.
- Blackford, Donald E., assignor to Lincoln Brass Works, Inc. 2,678,186, Cl. 251—105.
- Blackhawk Mfg. Co.: *See*—
Foor, Wilbur M. 2,687,056.
- Blackinton, Walter T., assignor to Wayne Foundry & Stamping Co. 2,674,371, Cl. 206—46.
- Blackman, Bertram W., Great Neck, N. Y. Material cutting device. 2,666,123, Jan. 12.
- Blackman, Birt G., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Stylus moving and guiding structure for electrical recorders. 2,665,965, Jan. 12.
- Blackman, Edward L. 2,689,766, Cl. 296—44.
- Blackman, Glenn R., and T. L. Putnam. 2,687,909, Cl. 288—20.
- Blackmon, John O., Torrance, Calif. Explosive-actuated harpoon. 2,667,814, Feb. 2.
- Blackmore, John S.: *See*—
Ewing, Henry, and Blackmore. 2,681,036.
Ewing, Henry, and Blackmore. 2,681,292.
Ewing, Henry, and Blackmore. 2,681,446.
- Blackmore, Lily J., joint executrix: *See*—
Ewing, Henry, and Blackmore. 2,681,292.
Ewing, Henry, and Blackmore. 2,681,446.
- Blackwelder Mfg. Co.: *See*—
Hill, Fredrick L. 2,684,165.
- Blackwell, Edward J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Double casing pump. 2,668,502, Feb. 9.
- Bladh, Elmer H.: *See*—
Rowe, Harry C., and Bladh.
- Blaha, Emil, Cheltenham, assignor to Selas Corporation of America, Philadelphia, Pa. Ceramic distributor for radiant gas burners. 2,669,300, Feb. 16.
- Blaine, Martin. 2,681,514, Cl. 35—46.
- Blaing-Leisk, Edwin G.: *See*—
Simpson, Justin, and Blaing-Leisk. 2,696,296.
- Blaing-Leisk, Edwin G., to Continental Can Co., Inc. 2,696,107, Cl. 73—43.
- Blair, Allen H., to Phillips Petroleum Co. 2,689,209, Cl. 196—52.
- Blair, Ben H., and R. P. Bowen, to Eaton Mfg. Co. 2,695,780, Cl. 267—53.
- Blair, Charles M., Jr., to Petrolite Corp. 2,693,468, Cl. 260—256.4.
- Blair, Charles M., Jr., S. Lehmann, Jr., and G. J. Samuelson, to Petrolite Corp. 2,698,303, Cl. 252—349.
- Blair, David C., Washington Township, Westmoreland County, and H. F. Shannon, Mount Lebanon Township, Allegheny County, Pa., assignors to United States Steel Corporation. Inhibiting roll pickup in continuous annealing of steel strip. 2,671,038, Mar. 2.
- Blair, David H., assignor to Western Electric Company, Incorporated. 2,678,782, Cl. 242—140.
- Blair, George W.: *See*—
Bodle, Virgil H., Blair, and Dosmann. 2,677,626.
- Blair, Harry E., to Pemco Products, Inc. 2,696,455, Cl. 167—53.
- Blair, Hugh H. 2,695,965, Cl. 250—66.
- Blair, Richard W., to Curtiss-Wright Corp. 2,696,412, Cl. 308—213.
- Blair, Robert C., Jr. 2,692,595, Cl. 128—87.
- Blair, Royer R., Berkeley Heights, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Varistor curve tracer. 2,669,004, Feb. 16.
- Blair, Royer R., to Bell Telephone Laboratories, Inc. 2,698,419, Cl. 324—158.
- Blair, Walter. 2,697,604, Cl. 273—43.
- Blais, Ethel M., 1/2 to M. G. Kelly. 2,687,526, Cl. 2—41.
- Blais, Julian A. 2,691,089, Cl. 219—41.
- Blaisdell, George, assignee: *See*—
Merchant, Chester O. 2,675,719.
- Blake, Edward S., to Monsanto Chemical Co. 2,692,207, Cl. 106—181.
- Blake, Edward S., and L. F. Loutrel, Jr., assignors to Monsanto Chemical Company. 2,676,104, Cl. 99—2.
- Blake, John, to United States Rubber Co. 2,688,651, Cl. 174—93.
- Blakely, Forrest R. 2,694,826, Cl. 15—179.
- Blakely, Robert T., Lagrange, assignor to International Business Machines Corporation, New York, N. Y. Crystal tetrode. 2,666,150, Jan. 12.
- Blakely, Robert T., to International Business Machines Corp. 2,689,508, Cl. 95—4.5.

- Blakeslee, Clinton A., Middlebury, and A. W. Jacobson, New Haven, assignors to The Bristol Company, Waterbury, Conn. Cloud-data recorder. 2,665,607, Jan. 12.
- Blalock, John M., to The Esterbrook Pen Co. 2,681,276, Cl. 75—171.
- Blanc, Samuel. 2,687,034, Cl. 72—41.
- Blanchard, Allen W., Allendale, assignor to Bendix Aviation Corporation, Teterboro, N. J. Altitude compensated control system and apparatus for aircraft engines. 2,666,489, Jan. 19.
- Blanchard, Allen W., Allendale, assignor to Bendix Aviation Corporation, Teterboro, N. J. Engine control device with an induction pressure reset mechanism responsive to operation of an antidetonant fluid injection system. 2,667,148, Jan. 26.
- Blanchard, Allen W., Allendale, assignor to Bendix Aviation Corporation, Teterboro, N. J. Induction generator. 2,671,179, Mar. 2.
- Blanchard, Andrew P., Ludlow, Mass. Septic tank. 2,666,030, Jan. 12.
- Blanchard, Charles E., Randolph, Mass., assignor to J. O. Ross Engineering Corporation, New York, N. Y. Drier. 2,671,279, Mar. 9.
- Blanchard, Charles G.: *See—*
Lahti, Arvo A., Goodwin, and Blanchard. 2,696,562.
- Blanchard, Donn C., to E. L. Denison. 2,685,717, Cl. 20—62.
- Blanchard, Dorothy P., and M. M. Schroeder. 2,693,439, Cl. 167—84.
- Blanchard, Ellis B. 2,697,876, Cl. 30—133.
- Blanchard, Ernest W., and C. F. Gerber. 2,687,980, Cl. 167—74.
- Blanchard, Joseph E., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Yarn tensioning device for loom shuttles. 2,666,456, Jan. 19.
- Blanchard, Paul, Paris, France. Drying refractory linings of furnaces. 2,666,270, Jan. 19.
- Blanchard, Royal I., assignor to Dartmouth Skis, Inc. 2,675,244, Cl. 280—11.35.
- Blancher, Donald W., North Hollywood, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Telemetering system for wells. 2,667,626, Jan. 26.
- Blancher, Donald W., assignor to Bendix Aviation Corporation. 2,677,272, Cl. 73—88.5.
- Bland, Charles C., to Flex-O-Lite Mfg. Corp. 2,684,788, Cl. 222—177.
- Blandhoel, Bjarne E.: *See—*
Iversen, Knut M., and Blandhoel. 2,692,828.
- Blanding, Forrest H.: *See—*
Smith, Lloyd B., Mason, Blanding, and Hemminger. 2,694,035.
- Blanding, Forrest H., and J. D. Leslie, to Standard Oil Development Co. 2,681,304, Cl. 196—49.
- Blaney, Arthur C., and J. L. Pettus, assignors to Radio Corporation of America. 2,676,798, Cl. 271—2.3.
- Blaney, Dorothy L., to Radio Corp. of America. 2,686,229, Cl. 179—100.2.
- Blaney, Gordon A., assignee: *See—*
Blaney, Samuel D. 2,677,143.
- Blaney, Samuel D., assignor of $\frac{1}{2}$ to G. A. Blaney. 2,677,143, Cl. 15—250.5.
- Blank, Lawrence, and P. J. Capella, New York, N. Y. Pressure sensitive tape. 2,673,643, Mar. 30.
- Blank, Robert E.: *See—*
Grummitt, Oliver J., Blank, and Schwarz.
- Blanke, Nathan E., and H. J. Sands, assignors to The Harvard Manufacturing Company. 2,679,653, Cl. 5—12.
- Blanke, Nathan E., and H. J. Sands, to The Harvard Mfg. Co. 2,686,322, Cl. 5—201.
- Blanning, Harry K., to International Steel Co. 2,683,427, Cl. 105—375.
- Blanton, Truman L. 2,689,475, Cl. 73—37.
- Blasczyk, Leon, Glendale, Calif. Forming a body of salt. 2,667,663, Feb. 2.
- Blaser, Bruno, Dusseldorf-Holthausen, and F. Weldes, Dusseldorf-Benrath, assignors to Henkel & Cie G. m. b. H., Dusseldorf-Holthausen, Germany. Producing a material containing sodium polyphosphates. 2,668,147, Feb. 2.
- Blashfield, Floyd A., assignor to American Hospital Supply Corporation, Evanston, Ill. Wall recess cabinet and means for supporting therein. 2,672,390, Mar. 16.
- Blashfield, William H., assignor to The North Electric Manufacturing Company. 2,675,515, Cl. 320—32.
- Blashfield, William H., and L. R. Breese, assignors to The North Electric Manufacturing Company. 2,679,637, Cl. 340—163.
- Blasingame, Jesse J., and R. Baker. 2,698,432, Cl. 343—17.7.
- Blaskowski, Henry J., to Combustion Engineering, Inc. 2,685,280, Cl. 122—479.
- Blattner, Emil H., assignor to The Symington-Gould Corporation. 2,675,278, Cl. 308—47.
- Blattner, Emil H., assignor to The Symington-Gould Corporation. 2,676,713, Cl. 213—60.
- Blattner, Emil H., to The Symington-Gould Corp. 2,687,812, Cl. 213—57.
- Blattner, Robert F., assignor to Eastman Kodak Company, Rochester, N. Y. Film measuring and double exposure prevention device. 2,672,797, Mar. 23.
- Blatz, Albert V., Thiensville, assignor to A. O. Smith Corporation, Milwaukee, Wis. Carton and crate lifting attachment. 2,670,095, Feb. 23.
- Blau, Henry H., to The Ohio State University Research Foundation. 2,691,599, Cl. 106—47.
- Blau, James E., Bridgeport, Conn. Anticlogging device for roof drains. 2,672,983, Mar. 23.
- Blaus, Janis, and W. Olsen, assignors to Allmanna Svenska Elektriska Aktiebolaget. 2,677,538, Cl. 263—6.
- Blaw-Knox Co.: *See—*
Barnebey, Herbert L. 2,691,460.
Bedson, Noel P. 2,690,220.
Eger, Oscar A. 2,674,140.
Harcourt, Guy N.
Karnofsky, George B. 2,691,830.
Mittelstadt, Clarence F. 2,697,637.
Ornitz, Martin N., and English. 2,695,248.
Plas, Ralph J. 2,685,777.
Pottmeyer, Edward W. 2,674,211.
Pottmeyer, Edward W. 2,688,956.
Robinson, George L.
Saxon, Arthur F. 2,684,274.
Venable, William M.
- Blaxland Rae Pty. Limited, assignee: *See—*
Rae, John.
- Blaydes, Frederick T., assignor to International Harvester Company. 2,674,168, Cl. 97—46.55.
- Blazek, John Y., to Lempeo Products, Inc. 2,691,255, Cl. 51—143.
- Blazek, William J., assignor to Lempeo Products, Inc. 2,679,772, Cl. 77—75.
- Blazey, Lawrence E.: *See—*
Woina, Benjamin A., and Blazey. 2,693,402.
- Bleazey, John C.: *See—*
Olson, Harry F., Preston, and Bleazey. 2,680,787.
- Bledsoe, William K., and J. W. Ward, to Boeing Airplane Co. 2,694,180, Cl. 324—32.
- Bleekma, Jan, Mount Vernon, assignor to Amperex Electronic Corporation, Brooklyn, N. Y. X-ray tube having a mica window. 2,665,391, Jan. 5.
- Blekkingh, Johan J. A., to Lever Brothers Co. 2,692,886, Cl. 260—405.6.
- Blessing, William J.: *See—*
Kenworthy, Clarence S., and Blessing.
- Bletcher, James H.: *See—*
Bletcher, Ralph E. 2,684,082.
Bletcher, Ralph E., and Ward. 2,675,218.
Bletcher, Ralph E., and Ward. 2,687,917.
- Bletcher, Pearl W.: *See—*
Bletcher, Ralph E. 2,684,082.
Bletcher, Ralph E., and Ward. 2,675,218.
Bletcher, Ralph E., and Ward. 2,687,917.
- Bletcher, Ralph E.: *See—*
Bletcher, Ralph E. 2,684,082.
Bletcher, Ralph E., and Ward. 2,675,218.
Bletcher, Ralph E., and I. A. Ward, assignors of 10% to R. E. Bletcher, 12½% to E. H. Bucknell, 12½% to M. Bucknell, 10% to P. W. Bletcher, 25% to M. B. Liston, 10% to J. H. Bletcher, 10% to H. B. Skinner, and 10% to C. R. B. Robertson, (also known as F. K. Robertson). 2,684,082, Cl. 137—602.
- Bletcher, Ralph E., and I. A. Ward, assignors of 10% to R. E. Bletcher, 12½% to E. H. Bucknell, 12½% to M. Bucknell, 10% to P. W. Bletcher, 25% to M. B. Liston, 10% to J. H. Bletcher, 10% to H. B. Skinner, and 10% to C. R. B. Robertson. 2,675,218, Cl. 261—76.
- Bletcher, Ralph E., and I. A. Ward, 12½% to E. H. Bucknell, 10% to R. E. Bletcher, 12½% to M. Bucknell, 10% to P. W. Bletcher, 25% to M. B. Liston, 10% to J. H. Bletcher, 10% to H. B. Skinner, and 10% to F. K. Robertson (also known as C. R. B. Robertson). 2,687,917, Cl. 299—107.
- Bletz, Edward, to Stevens Mfg. Co., Inc. 2,692,317, Cl. 200—138.
- Bletzinger, John C., and K. E. Sager, to International Cellucotton Products Co. 2,690,598, Cl. 19—144.5.
- Bleuer, Lorin T.: *See—*
Bakelaar, John H., Oldenboom, and Bleuer. 2,684,746.
- Bleuler, Olga, assignee: *See—*
Marko, Adolf, and Kordesch.
- Bleuze, Jacques, to Compagnie Generale de Telegraphie Sans Fil. 2,682,013, Cl. 315—41.
- Blevans, Don W., to Orbit Valve Co. 2,690,894, Cl. 251—163.
- Blevens, Emmett, Louisville, Ky. Artificial limb. 2,664,572, Jan. 5.
- Bley, Robert E.: *See—*
Baldwin, Robert H., and Bley. 2,678,907.
- Bley, Rudolph S., assignor to North American Rayon Corporation. 2,677,511, Cl. 242—151.
- Blicke, Frederick F., to Regents of The University of Michigan. 2,695,301, Cl. 260—326.3.
- Blickens, Fuller E.: *See—*
Slocum, Ray E., and Blickens. 2,677,166.
- Blickenstorfer, Albert, assignor to E. Froehlich A. G. 2,674,273, Cl. 139—92.
- Blickenstorfer, Albert, assignor to E. Froehlich A. G. 2,674,274, Cl. 139—92.
- Blickenstorfer, Albert, assignor to E. Froehlich A. G. 2,674,275, Cl. 139—92.
- Blickenstorfer, Albert, to E. Froehlich A. G. 2,692,619, Cl. 139—92.
- Blickman, Harry. 2,675,236, Cl. 272—73.
- Bliedung, Walter R., and H. C. Frentzel, to Hansen Glove Corp. 2,692,667, Cl. 192—147.

- Blight, Clayton G., Long Beach, Calif. Pipe loading device for trucks and the like. 2,665,815, Jan. 12.
- Blind, Karl A., to Dings Magnetic Separator Co. 2,692,678, Cl. 209—223.
- Blink, Robert O., to Mitchell Mfg. Co. 2,681,261, Cl. 311—105.
- Blinoff, Vsevolod, Neuilly-sur-Seine, assignor to Societe Anonyme d'Innovations Chimiques dite: Sinnova ou Sadie, Meaux-Beauval, France. Sulfonating organic compounds with chloresulfonic acid in continuous operation. 2,673,211, Mar. 23.
- Bliss, Albert, to A. T. Sturdy, Jr. 2,697,260, Cl. 24—176.
- Bliss, Charles, to Foster Wheeler Corp. 2,687,119, Cl. 122—356.
- Bliss, Charles, to Foster Wheeler Corp. 2,697,687, Cl. 196—116.
- Bliss, George L.: See—
Chase, Charles R., and Bliss.
- Bliss, Harvey N., to Veeder-Root Inc. 2,686,468, Cl. 101—18.
- Bliss, Harvey N., to Veeder-Root Inc. 2,691,938, Cl. 101—94.
- Bliss, Robert H., Jr. 2,686,688, Cl. 292—101.
- Bliss, Warren H., to Radio Corporation of America. 2,683,768, Cl. 178—5.2.
- Blitz, Daniel, assignor to Raytheon Manufacturing Company. 2,678,392, Cl. 250—33.
- Blitz, Daniel, to Raytheon Mfg. Co. 2,683,855, Cl. 321—60.
- Blitzstein, William: See—
Levitt, Israel M., and Blitzstein. 2,686,269.
- Blizard, John, to Foster Wheeler Corp. 2,697,482, Cl. 158—4.
- Blizard, John, R. A. Lorenzini, and M. Frisch, assignors to Foster Wheeler Corporation. 2,675,888, Cl. 183—80.
- Blizard, Robert B., to The Sperry Corp. 2,695,199, Cl. 308—9.
- Bloch, Alfred: See—
Reissmann, Thomas L., and Bloch. 2,682,857.
- Bloch, Elsie C. and G. 2,677,871, Cl. 28—74.
- Bloch, Godfrey: See—
Bloch, Elsie C. and G. 2,677,871.
- Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Rubberlike materials and an unsaturated hydrocarbon oil. 2,671,068, Mar. 2.
- Bloch, Herman S., to Universal Oil Products Co. 2,683,135, Cl. 260—75.
- Bloch, Herman S., to Universal Oil Products Co. 2,691,686, Cl. 260—619.
- Bloch, Herman S., A. E. Hoffman, and H. E. Mammen, assignors to Universal Oil Products Company. 2,677,702, Cl. 260—513.
- Bloch, Herman S., and H. E. Mammen, to Universal Oil Products Co. 2,691,040, Cl. 260—505.
- Bloch, Herman S., and D. R. Strehlau, to Universal Oil Products Co. 2,695,913, Cl. 260—471.
- Bloch, Rudolf, I. Schnerb, and D. Kaplan, Jerusalem, Israel. Manipulation and storage of bromine. 2,670,276, Feb. 23.
- Block, Arnold H., to Bendix Aviation Corp. 2,685,871, Cl. 123—102.
- Block, George P., Troy, N. Y. Water ski launching carriage. 2,670,693, Mar. 2.
- Block, Harold H., assignor to The Garrett Corporation, Los Angeles, Calif. Joining metal parts consisting of aluminum and its alloys. 2,671,958, Mar. 16.
- Block, Myron W.: See—
Sternfield, George L., and Block.
- Block, Richard J.: See—
Howard, Hartley W., Block, and Sevall.
- Blocker, Carl, Midland, Ohio. Digging adjustment for ditching plow and conveyer combination. 2,672,701, Mar. 23.
- Blocker, John F., and W. E. Schoby. 2,685,468, Cl. 287—103.
- Blod, Francis E., Tuckahoe, N. Y., and A. M. Blumenfeld, Hackensack, N. J., assignors to The Gruen Watch Company, Cincinnati, Ohio. Front opening watch display box. 2,667,967, Feb. 2.
- Blodgett, Edwin O., to International Business Machines Corp. 2,684,745, Cl. 197—19.
- Blodgett, Fred D. 2,696,045, Cl. 30—269.
- Blodgett, Stewart B., and S. Ronai, to Fairchild Camera and Instrument Corp. 2,681,601, Cl. 95—11.5.
- Bloedel, Prentice, S. Hansel, D. G. Riches, and D. W. Brookes, assignors to MacMillan & Bloedel (Albarni) Limited. 2,675,255, Cl. 286—9.
- Bloedow, Clarence F. 2,682,322, Cl. 189—36.
- Bloksma, Romke. 2,697,523, Cl. 210—165.
- Blom, Carl J., and J. M. Gaylord, to Byron Jackson Co. 2,687,695, Cl. 103—87.
- Blom, Otto F.: See—
Anderson, Rolf L., and Blom.
- Blom, Otto F., to American Can Co. 2,684,766, Cl. 211—55.
- Blomberg, Martin P., to General Motors Corp. 2,685,262, Cl. 105—190.
- Blomquist, Alfred T.: See—
Johnson, John R., Blomquist, and Fiedorek. 2,683,165.
- Blomquist, Alfred T., F. T. Fiedorek, and J. F. Ryan, Jr., Ithaca, N. Y., assignors to the United States of America as represented by the Secretary of the Navy. Improving the properties of certain explosives. 2,669,576, Feb. 16.
- Blomquist, Alfred T., and F. T. Fiedorek, assignors to the United States of America as represented by the Secretary of the Navy. 2,678,946, Cl. 260—467.
- Blomquist, George, assignee: See—
Hagelfeldt, Lydia A.
- Blomquist, Uno O., Vasteras, Sweden. Regenerative heat exchanger. 2,665,120, Jan. 5.
- Blomqvist, Ake H. P., and B. H. R. Tornqvist, to Aktiebolaget Bofors. 2,694,794, Cl. 324—57.
- Blonchek, Michael M.: See—
Burrows, Harry J., and Blonchek. 2,681,131.
- Blonder, Isaac S. 2,682,649, Cl. 339—108.
- Blood Brothers Machine Co.: See—
Harrington, George R. 2,696,090.
- Blood, Leland C., to Michigan Powdered Metal Products Co., Inc. 2,685,507, Cl. 75—214.
- Bloom, Alvin N.: See—
Campbell, Harold B., and Bloom. 2,678,549.
- Bloom, Benjamin. 2,675,857, Cl. 155—54.
- Bloom, Frederick S. 2,693,352, Cl. 263—6.
- Bloom, Fredrick K., to Armco Steel Corp. 2,687,955, Cl. 75—125.
- Bloom, Louis R., Fort Collins, Colo. Hydraulic jack system for automobiles. 2,666,619, Jan. 19.
- Bloom, Otto I., New York, N. Y. Conductive shoe device. 2,671,185, Mar. 2.
- Bloom, Wallace M., and A. J. Simmons, to McGraw Electric Co. 2,686,643, Cl. 248—49.
- Bloomer Bros. Co.: See—
Eaton, Joseph K. 2,678,590.
- Inman, William H. 2,686,002.
- Inman, William H. 2,686,629.
- Mobley, Edwin H. F. 2,685,768.
- Bloomer, Samuel G.: See—
Bushnell, William H. 2,693,853.
- Bloomer, Ward J., and H. R. Davis, assignors to The Lummus Company. 2,674,846, Cl. 60—39.23.
- Bloomer, Ward J., and H. R. Davis, to The Lummus Co. 2,698,050, Cl. 158—4.
- Bloomfield, Benjamin, and D. S. Whitney, assignors to The Fellows Gear Shaper Company, Springfield, Vt. Generating face and tapered gears with bowed formation. 2,669,904, Feb. 23.
- Bloomstran, Floyd H.: See—
Jones, James R., Kidd, and Bloomstran. 2,695,113.
- Bloser, Dwight W., West Englewood, N. J., assignor to Kearfott Company, Inc., New York, N. Y. Electric machine construction. 2,668,925, Feb. 9.
- Bloss, Albert G. 2,677,307, Cl. 90—11.
- Bloss, Harold W., assignor to Deere Manufacturing Co. 2,676,623, Cl. 140—93.
- Bloss, Raymond B.: See—
Barnes, Thomas H., and Bloss. 2,685,003.
- Blossey, Carl W., to General Motors Corp. 2,697,165, Cl. 250—20.
- Blough, Ronald S., to Philco Corp. 2,682,935, Cl. 188—85.
- Bloxside, William R.: See—
Strange, John W., Waight, and Bloxside. 2,683,240.
- Bloxson, Eugene S., assignor to Preventive Maintenance Company, Bridgeport, Conn. Air brake system compressor. 2,670,130, Feb. 23.
- Bloxson, Ralph T., 1/2 to W. D. Marr. 2,697,277, Cl. 30—298.
- Blue, Albert C. 2,681,792, Cl. 254—131.
- Blue, John, to John Blue Co. 2,696,785, Cl. 103—11.
- Blue, John, Co.: See—
Blue, John. 2,696,785.
- Johnston, Douglas. 2,684,617.
- Blue Channel Corporation, assignee: See—
Fellers, Carl R.
- Blue Ridge Glass Corporation, assignee: See—
Glynn, Theodore W.
- Blue Ridge Textile Co., Inc.: See—
Schwanda, Theodore F., and Brown. 2,696,094.
- Bluestone, Henry, assignor, by mesne assignments, to Shell Development Company. 2,676,132, Cl. 167—33.
- Blum, Alvin S., and E. V. Weiner, Long Beach, Calif. Proportional sampler. 2,667,075, Jan. 26.
- Blum Bros. Box Co.: See—
Blum, Paul L. 2,682,285.
- Blum, Donald J.: See—
Blum, Joseph K., R. G., and D. J. 2,678,008.
- Blum, Joseph K., R. G., and D. J. 2,678,009.
- Blum, Eduard: See—
Leuthold, Eugene, and Blum.
- Blum, Eduard, and J. Schuhwerk, to Saba, Schwarzwälder Apparate-Bau-Anstalt, August Schwer Sohne, G. m. b. H. 2,696,190, Cl. 116—124.1.
- Blum, Joseph K., R. G., and D. J., assignors to Burnwell Incinerator Corporation. 2,678,008, Cl. 110—18.
- Blum, Joseph K., R. G., and D. J., assignors to Burnwell Incinerator Corporation. 2,678,009, Cl. 110—18.
- Blum, Oscar A., A. L. Dittman, and J. M. Wrightson, to The M. W. Kellogg Co. 2,694,701, Cl. 260—92.1.
- Blum, Paul, New York, N. Y. Window washer and wiper. 2,672,638, Mar. 23.
- Blum, Paul L., Marshfield, Wis. Traveling-work-support converging-saws apparatus for manufacturing tub staves. 2,673,585, Mar. 30.
- Blum, Paul L., to Blum Bros. Box Co. 2,682,285, Cl. 143—26.

- Blum, Roger G.: *See*—
 Blum, Joseph K., R. G., and D. J. 2,678,008.
 Blum, Joseph K., R. G., and D. J. 2,678,009.
- Blumberg, Benjamin J. 2,674,259, Cl. 137—218.
- Blumberg, Paul, assignor to Melli-Blumberg Corporation, New Holstein, Wis. Highway marking machine. 2,673,090, Mar. 23.
- Blumberg, Samuel. 2,676,818, Cl. 282—22.
- Blumenbaum, Louis G.: *See*—
 Langlois, Roland E., and Blumenbaum.
- Blumenfeld, Alfred M.: *See*—
 Blod, Francis E., and Blumenfeld.
- Blumensadt, Svend G., to The Universal Wire Spring Co. 2,682,659, Cl. 1—175.
- Blumensadt, Svend G., to The Universal Wire Spring Co. 2,684,705, Cl. 153—21.
- Blumlein, Alan D.: *See*—
 White, Eric L. C., and Blumlein. 2,688,077.
- Blumlein, Alan D., deceased (by D. Walker, legal representative), and L. Lescudjack, to Electric and Musical Industries Ltd. 2,692,334, Cl. 250—27.
- Blumsom, Ernest J., assignor to Allied Ironfounders Limited. 2,676,583, Cl. 126—76.
- Blythe, Allen W., South Gate, assignor of one-third to E. Granville and one-third to L. E. Sprague, Los Angeles, Calif. Coil spring booster. 2,673,084, Mar. 23.
- Blythe, Richard H., to the United States of America as represented by the Secretary of the Navy. 2,697,784, Cl. 250—27.
- Boag, James C., to Ethyl Corp. 2,689,791, Cl. 75—66.
- Boal, David J., to Spivey Co. Inc. 2,681,017, Cl. 107—57.
- Board, Francis S.: *See*—
 Boileau, Arthur H., Rayman, and Board.
- Boardman, Harold, assignor to Hercules Powder Company, Wilmington, Del. Preparation of aryldialkyl peroxides. 2,668,180, Feb. 2.
- Boardman, Harry C., Chicago, Ill., assignor to Chicago Bridge and Iron Company. Liquid storage vessel. 2,672,254, Mar. 16.
- Boardman, Richard J.: *See*—
 Marco, Earl C., and Boardman. 2,681,991.
- Board of Commissioners of State Institutions of the State of Florida: *See*—
 Butler, George B., and Bunch. 2,687,382.
- Boarts, Lyle R.: *See*—
 Anderson, Carl W., and Boarts. 2,678,015.
- Boasson, Eduard H., and J. L. Voigt, to N. V. Onderzoekings-instituut Research. 2,697,854, Cl. 18—30.
- Boatwright, Stevens W. 2,675,626, Cl. 33—197.
- Bobb, Lloyd J.: *See*—
 Dashiell, Daniel H., and Bobb. 2,686,637.
 Dashiell, Daniel H., and Bobb. 2,695,785.
 Reed, Frank J., and Bobb. 2,675,973.
 Reed, Frank J., and Bobb. 2,686,845.
- Bobis, Stephen and W. R. Lundry, to Bell Telephone Laboratories, Inc. 2,682,037, Cl. 333—28.
- Bobkowiez, Emilian, Westmount, Quebec, Canada. Automatic razor. 2,669,776 Feb. 23.
- Bobkowiez, Emilian. 2,690,008, Cl. 30—43.
- Boblit, Harry, Jr.: *See*—
 Boblit, Harry, Sr., Musser, Harry Boblit, Jr., and R. E. Boblit. 2,688,482.
- Boblit, Harry, Sr., M. E. Musser, Harry Boblit, Jr., and R. E. Boblit, to A. B. Dick Co. 2,688,482, Cl. 270—68.
- Boblit, Ronald E.: *See*—
 Boblit, Harry, Sr., Musser, Harry Boblit, Jr., and R. E. Boblit. 2,688,482.
- Bobrich Products Corp.: *See*—
 Goldmuntz, Lawrence A. 2,697,766.
- Bobrowski, Louis G.: *See*—
 Curtiss, George E., Jr., and Bobrowski. 2,690,923.
- Bobst, Joseph S., Waukesha, Wis. Scaffolding. 2,665,951, Jan. 12.
- Bocchino, Anthony, and C. J. Retta, assignors of 1/3 to R. R. Judge. 2,679,256, Cl. 135—20.
- Bocchino, Ernest. 2,693,688, Cl. 67—41.
- Bocchino, Joseph J. 2,682,881, Cl. 134—129.
- Bocciarelli, Carlo V., assignor to Philco Corporation, Philadelphia, Pa. Deflecting and high voltage supply circuit. 2,665,393, Jan. 5.
- Bochmann, Otto. 2,693,074, Cl. 57—58,83.
- Bochmann, Otto. 2,693,075, Cl. 57—58,83.
- Bock Corp.: *See*—
 Bock, Oscar L. 2,687,747.
- Bock, Franz. 2,682,751, Cl. 61—67.
- Bock, Louis H., to Rayonier Inc. 2,686,198, Cl. 260—473.
- Bock, Louis H., and L. J. Carlson, to Rayonier Inc. 2,694,731, Cl. 260—600.
- Bock, Louis H., and L. J. Carlson, to Rayonier Inc. 2,694,737, Cl. 260—613.
- Bock, Oscar L., to Bock Corp. 2,687,747, Cl. 138—38.
- Bodamer, George W., to Rohm & Haas Co. 2,681,319, Cl. 260—2,1.
- Bodamer, George W., to Rohm & Haas Co. 2,681,320, Cl. 260—2,2.
- Bodanis, Harry S., assignee: *See*—
 Theis, Frederic A. 2,674,911.
- Boddy, John, Hayes, assignor to Trico-Folberth Limited, Brentford, England. Electric circuit interrupting device. 2,672,563, Mar. 16.
- Boden, Ernest G., assignor to The Timken Roller Bearing Company. 2,676,073, Cl. 308—180.
- Boden, Samuel H., and R. O. Bonine, assignors to Westinghouse Electric Corporation. 2,676,779, Cl. 251—29.
- Bodenschatz, August, to I-T-E Circuit Breaker Co. 2,689,893, Cl. 200—88.
- Bodey, Edward J. 2,677,461, Cl. 209—215.
- Bodine, Albert G., Jr., Van Nuys, Calif. Sonic system for augmenting the extraction of oil from oil bearing strata. 2,667,932, Feb. 2.
- Bodine, Albert G., Jr., Van Nuys, Calif. Sonic earth boring drill. 2,672,322, Mar. 16.
- Bodine, Albert G., Jr. 2,680,485, Cl. 166—1.
- Bodine, Albert G., Jr. 2,692,590, Cl. 123—191.
- Bodine, Albert G., Jr. 2,697,761, Cl. 179—187.
- Bodine, Edward A., assignee: *See*—
 Daniell, John B.
- Bodkin, Ernest A., to Socony-Vacuum Oil Co., Inc. 2,696,462, Cl. 196—147.
- Bodkin, John A. 2,677,503, Cl. 238—327.
- Bodde, Virgil H., G. W. Blair, and L. P. Dosmann, assignors to Mishawaka Rubber and Woolen Manufacturing Company. 2,677,626, Cl. 117—93.
- Bodnar, Walter H. 2,674,107, Cl. 63—29.
- Body, Alfred C., assignor to The Ohio Crankshaft Company, Cleveland, Ohio. Means for inductively heating narrow elongated portions of cylindrical bodies. 2,671,846, Mar. 9.
- Boeck, Edwin J.: *See*—
 Walter, Robert J., and Boeck. 2,693,354.
- Boeck, Gunther A., Mountain Lakes, N. J., and E. J. Howard, Flushing, N. Y., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Army. Gear system. 2,666,344, Jan. 19.
- Boeck, Gunther A., and E. J. Howard, to the United States of America as represented by the Secretary of the Army. 2,684,602, Cl. 74—527.
- Boeckeler, Benjamin C., to The Hydrojet Corp. 2,690,129, Cl. 103—113.
- Boeckeler, Benjamin C., to The Hydrojet Corp. 2,690,130, Cl. 103—113.
- Boehm, Georg. 2,674,998, Cl. 128—184.
- Boehm, Walter G., assignor to Palmer-Bee Company. 2,678,715, Cl. 198—20.
- Boeing Airplane Co.: *See*—
 Adams, Harold L. 2,683,678.
 Anderson, Charles N. 2,684,424.
 Bates, Byron W. 2,694,155.
 Bledsoe, William K., and Ward. 2,694,180.
 Bosserman, Charles A.
 Burkhard, Ralph H. 2,692,744.
 Castor, Thomas D., Leisy, and Sangster.
 Cook, William H., Jr., Pfafman, and Schairer.
 Davies, Charles H., and Ostling.
 Davis, Joe G. 2,680,583.
 Del Giudice, Frank J.
 Glass, Mansfield D. 2,697,566.
 Hayhurst, Bud R. 2,677,100.
 Hill, Henry C. 2,676,458.
 Hill, Henry C. 2,692,478.
 Hill, James L.
 Hiltner, Walter F. 2,696,247.
 Kirkbride, John F., and Pfafman. 2,677,512.
 Larson, Thorvald H., Mayer, Pfafman, Cook, and Kirkbride. 2,696,355.
 Leisy, Clifford J., Emerick, and Jenkins. 2,693,931.
 McConnell, Charles H. 2,676,038.
 McRae, Forbes W., Jr. 2,692,784.
 Newell, George C. 2,688,338.
 Newell, Stanley E. 2,696,578.
 Schaal, Ellsworth A., and Lawler. 2,692,476.
 Shoiket, Henry N., Kinnaman, and Trotter. 2,683,780.
 Smith, Howard W., and Larson.
 Van Ornum, Vern W. 2,689,476.
 Van Ry, William H.
 Wilson, Ted R.
 Wood, Kenneth G. 2,680,994.
 Wright, Gilbert F. 2,687,712.
 Wright, Gilbert F., and Newton. 2,687,713.
- Boelens, Willem W., and J. J. Z. van Zelst, to Hartford National Bank and Trust Co., trustee. 2,698,379, Cl. 250—6.
- Boerger, Julius W., to Allover Mfg. Co. 2,689,312, Cl. 310—41.
- Boerner, Lewis W., to National Foam System, Inc. 2,695,069, Cl. 169—1.
- Boersma, Barney, and J. S. Robinson, Grand Rapids, Mich., assignors to Sackner Products, Inc. Machine for manufacturing metal reinforced binding tape. 2,665,736, Jan. 12.
- Boesger, George A., to The W. W. Sly Mfg. Co. 2,695,681, Cl. 183—61.
- Boessenkool, Helmich W., and G. Durst, to Metals and Controls Corp. 2,691,815, Cl. 29—189.
- Boestad, Gustav K. W., and H. R. Nilsson, assignors, by mesne assignments to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. 2,674,089, Cl. 60—39,15.
- Boestad, Gustav K. W., and P. W. S. Persson, to J. C. Marble, L. M. Merrill, and P. H. Batten, as trustees. 2,681,208, Cl. 257—6.
- Boestad, Gustav K. W., and K. Svenningson, to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. 2,696,976, Cl. 257—6.
- Boetel, Erich W., Hamburg, Germany. Electric heating pad. 2,666,839, Jan. 19.

- Boetje, Johannes: *See*
Kessler, Jacob C. E., Boetje, and Kohlwey.
- Boeye, Paul F., and S. Bright. 2,691,480, Cl. 229—44.
- Bogart, Marcel J. P., assignor to The Lummus Company. 2,675,095, Cl. 183—115.
- Bogart, W. H., assignee: *See*
Shink, George J.
- Bogash, Richard: *See*
Tint, Howard, and Bogash. 2,676,139.
- Bogaty, Stanislaus, and A. O. Hurxthal, assignors to Proctor & Schwartz, Inc. 2,679,115, Cl. 34—225.
- Boge, La Verne G. 2,674,901, Cl. 74—481.
- Bogeauss, Benedict E., and T. F. E. Fuchslocher, to J. G. Moran. 2,694,511, Cl. 222—491.
- Bogemann, Max: *See*
Lober, Friedrich, Bayer, Bogemann, and Schneider. 2,695,898.
- Boger, William P., and C. S. Miller, assignors to Merck & Co., Inc. 2,676,902, Cl. 167—55.
- Bogert, John J., to National Laboratories Mfg. Corp. 2,686,453, Cl. 88—14.
- Bogert, John L., and C. Chedister, assignors to C. E. Hooper, Inc. 2,674,512, Cl. 346—37.
- Bogert, Ormonde, Maplewood, assignor to Leiman Bros., Inc., Newark, N. J. Automatic oiler. 2,672,951, Mar. 23.
- Boggs, H. D., Company, Ltd., assignee: *See*
Boggs, Herbert D. 2,674,557.
- Boggs, Herbert D., assignor to H. D. Boggs Company, Ltd. 2,674,557, Cl. 154—83.
- Boggs, William K. 2,689,444, Cl. 56—256.
- Boghossian, William H., Summit, H. G. Och, Short Hills, and B. T. Weber, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gun data computer having spot correction means. 2,669,386, Feb. 16.
- Boghossian, Victor, to Kaiser Motors Corp. 2,681,054, Cl. 123—195.
- Bogie, Nelson H. 2,687,258, Cl. 241—270.
- Bognar, Frank J.: *See*
Glinther, Russell J., and Bognar.
- Bogner, Peter, to Saml. Hanson & Son Ltd. 2,681,025, Cl. 113—15.
- Bogoslowsky, Boris, deceased (E. Bogoslowsky, executrix). 2,688,331, Cl. 132—73.
- Bogoslowsky, Elizabeth, executrix: *See*
Bogoslowsky, Boris. 2,688,331.
- Bogossian, Armen. 2,682,357, Cl. 222—417.
- Bogot, Alexander: *See*
Crites, Joe, Bogot, and Andresen. 2,698,142.
- Bohaboy, Edward J., Berwyn, and C. J. Roach, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for applying terminals to electrical conductor wires. 2,668,950, Feb. 16.
- Bohl, Lester E. 2,677,481, Cl. 223—88.
- Bohli, Jakob. 2,690,527, Cl. 317—162.
- Bohlmann, Ferdinand: *See*
Inhoffen, Hans H., and Bohlmann.
- Böhme Fettchemie G. m. b. H.: *See*
Henkel, Konrad, and Rapp. 2,698,304.
Schmitt, Friedrich, and Heyden. 2,692,180.
- Bohmholdt, Henry M. 2,687,736, Cl. 132—1.
- Bohn Aluminum & Brass Corp.: *See*
Bartlowe, Sterling. 2,685,634.
Bartlowe, Sterling S. 2,687,626.
- Bohn, Donald I. 2,675,022, Cl. 137—597.
- Bohn, George H.: *See*
Belluche, Elmer W., and Bohn. 2,693,595.
- Bohn, Samuel. 2,680,053, Cl. 312—310.
- Bohne, Arnold: *See*
Brockmann, Hans, and Bohne. 2,693,433.
- Bohnenblust, Walter H., Kansas City, Mo., assignor to Peters & Russell, Inc., Springfield, Ohio. Air-current deflector. Re. 23,773, Jan. 12.
- Bohner, Kenneth A., 1/2 to P. J. De Grote. 2,695,490, Cl. 56—474.
- Bohon, William K. 2,679,888, Cl. 154—42.
- Boice, Elvin G., assignor to Reed Roller Bit Company. 2,676,820, Cl. 285—146.
- Boice, Elvin G., to Reed Roller Bit Co. 2,683,512, Cl. 192—56.
- Boice, Elvin G., and R. G. Peter, to Reed Roller Bit Co. 2,697,014, Cl. 308—82.
- Boileau, Arthur H., and C. J. Rayman, Cedar Rapids, Iowa, and F. S. Board, Chicago, Ill., assignors to Cherry-Burrell Corporation, Wilmington, Del. Apparatus for treating liquids. 2,665,628, Jan. 12.
- Boiler Engineering & Supply Co., Inc.: *See*
Burke, Robert F. 2,686,611.
- Boinet, Ernest: *See*
Boinet, Henri and E.
- Boinet, Henri, and E. Saint-Quentin, France. Rubberized broom fiber fabric. 2,665,222, Jan. 5.
- Boiteux, Pierre, assignor to Compagnie Generale d'Electricite. 2,675,985, Cl. 248—358.
- Bojewicz, Robert H., and C. R. Flsh, assignors, by mesne assignments, to Reconstruction Finance Corporation. 2,674,033, Cl. 29—205.
- Bojner, Gustav, Stockholm, Sweden. Rotary drier, kiln, and the like. 2,666,633, Jan. 19.
- Bokich, Tony. 2,696,684, Cl. 38—1.
- Bolaño, José M. 2,673,979, Cl. 1—27.
- Bolding, Hubert V., assignor to The Bradley & Gilbert Company. 2,676,751, Cl. 229—39.
- Bolding, Hubert V., to The Bradley & Gilbert Co. 2,693,297, Cl. 220—113.
- Bolding, Willem H., to Hartford National Bank and Trust Co., as trustee. 2,691,735, Cl. 250—65.
- Bole, George A.: *See*
Czarnecki, Kamil B., and Bole. 2,693,017.
- Bolelli, Aldo, Bologna, Italy. Centrifugal system of wet spinning of natural fibers. 2,667,733, Feb. 2.
- Bolesky, John D., to A. Medert and R. W. Bolesky, trustees. 2,686,031, Cl. 248—205.
- Bolesky, Russell W.: *See*
Bolesky, John D. 2,686,031.
- Bolger, Stephen J., Grand Rapids, Mich. Remedial pill 2,671,451, Mar. 9.
- Bolidens Gruvaktiebolag, assignee: *See*
Kihlstedt, Per G. 2,675,966.
- Bolinders Fabriks Aktiebolag: *See*
Andersson, Sten G. 2,692,631.
- Boling, Cecil: *See*
Donovan, William J., and Boling.
- Bolling, Cecil, and A. J. Tigges, to The Heat-X-Changer Co., Inc. 2,682,157, Cl. 62—122.
- Boll, John H., and A. V. Raught, assignors, by mesne assignments, to Ford Motor Company. 2,674,468, Cl. 280—504.
- Boll, Victor J., to The Sheffield Corp. 2,681,027, Cl. 113—49.
- Bollaert, Armand R., Arcadia, and E. L. Neu, Hermosa Beach, Calif., assignors to Great Lakes Carbon Corporation, Chicago, Ill. High flow rate mineral filter aid. 2,665,813, Jan. 12.
- Boller, William D., W. D. Berkley, W. Ernst, and E. W. Landmeier, assignors to The Wadsworth Electric Mfg. Co. 2,677,734, Cl. 200—88.
- Boller, William D., W. D. Berkley, W. Ernst, and E. W. Landmeier, to The Wadsworth Electric Mfg. Co. 2,685,011, Cl. 200—116.
- Bolles, Elwood E.: *See*
Scarborough, Alfred D., and Bolles. 2,685,039.
- Bolling, Thomas J., Jr., to Standard Oil Development Co. 2,692,059, Cl. 214—25.
- Bolling, Warren E., Spring Lake, assignor to M. Hayman, Battle Creek, Mich. Coupling head for attaching towing devices to bumpers of automobiles. 2,668,064, Feb. 2.
- Bollinger, Waldon P.: *See*
Korman, Nathaniel L., and Bollinger. 2,679,631.
- Bolser, Clark M., assignor to The Bolser Corporation. 2,679,370, Cl. 248—33.
- Bolser Corporation, The, assignee: *See*
Bolser, Clark M. 2,679,370.
- Bolsey, Jacques, New York, N. Y. Camera body construction. 2,664,798, Jan. 5.
- Bolsey, Jacques, New York, N. Y. Rotatable shutter arrangement for cinematographic cameras. 2,672,073, Mar. 16.
- Bolsey, Jacques. 2,682,192, Cl. 88—16.
- Bolsey, Jacques. 2,687,669, Cl. 88—16.
- Bolsey, Jacques. 2,689,509, Cl. 95—44.
- Bolster, Robert O., and F. F. Fagel. 2,693,647, Cl. 35—10.4.
- Bolt, John A.: *See*
Bransky, David W., Bolt, Stacy, and Feller.
Tom, Theodore B., and Bolt. 2,693,442.
- Boltich, Charles. 2,683,877, Cl. 2—11.
- Bolton, Arthur, deceased (by Martin's Bank Limited and R. Tilney, executors). 2,680,606, Cl. 262—14.
- Bolton, Harry G., to Borg-Warner Corp. 2,684,057, Cl. 123—119.
- Bolton, John W., & Sons, Inc.: *See*
Prevost, Bruno E. 2,674,163.
Prevost, Bruno E. 2,686,462.
Stuck Harold D. 2,680,484.
- Bolton, Otto. 2,675,579, Cl. 17—1.
- Bolton, William E. 2,688,262, Cl. 74—563.
- Boltz, Jacob, Knitting Mill, Inc.: *See*
Walters, Lyman. 2,697,226.
- Bomac Laboratories Inc.: *See*
Booth, Harold C. 2,680,207.
Briggs, Richard S. 2,684,886.
- Boman, Donald P.: *See*
Boman, Elmer. 2,692,470.
- Boman, Elmer, 1/2 to D. P. Boman. 2,692,470, Cl. 56—328.
- Bomback, Richard H., assignor of 1/2 to H. Von Fraunhofer. 2,679,456, Cl. 95—2.
- Bombara, Carlo. 2,696,418, Cl. 312—235.
- Bomberger, David C., and H. G. Och, to Bell Telephone Laboratories, Inc. 2,686,099, Cl. 346—8.
- Bona, George B.: *See*
Rowe, Richard G., and Bona. 2,686,676.
- Bonacci, Dominic P.: *See*
Demas, Perry, and Bonacci. 2,692,076.
- Bonacci, Harry D. 2,689,140, Cl. 285—62.
- Bonafide Mills, Inc.: *See*
Nobis, George V. 2,693,658.
Rowe, William, and Cohen.
Spector, Samuel. 2,678,129.
- Bonander, Harold E., and P. A. Backman. 2,697,913, Cl. 61—28.
- Bonanno, Joseph L., Madison, N. J., assignor to The Lionel Corporation, New York, N. Y. Toy railroad track. 2,673,689, Mar. 30.

- Bonanno, Joseph L., Madison, N. J., assignor to The Lionel Corporation, New York, N. Y. Thermal delay switch. 2,673,909, Mar. 30.
- Bonanno, Joseph L., assignor to The Lionel Corporation. 2,676,425, Cl. 39—7.
- Bonanno, Joseph L. 2,678,578, Cl. 81—125.
- Bonanno, Joseph L., assignor to The Lionel Corporation. 2,679,600, Cl. 307—2.
- Bonanno, Joseph L., to The Lionel Corp. 2,688,819, Cl. 46—12.
- Bonanno, Joseph L., Madison, and A. D. Gash, Jr., Irvington, N. J., assignors to The Lionel Corporation, New York, N. Y. Toy for handling toy merchandise. 2,664,664, Jan. 5.
- Bonaventura, Filiberto A., and D. E. Plympton. 2,688,922, Cl. 103—1.
- Bonaventura, Filiberto A., and D. E. Plympton. 2,688,923, Cl. 103—1.
- Bond, Donald C., Crystal Lake, assignor to The Pure Oil Company, Chicago, Ill. Fracturing rock formations. 2,672,936, Mar. 23.
- Bond, Donald C., to The Pure Oil Co. 2,693,855, Cl. 166—29.
- Bond, Donald C., and G. G. Bernard, assignors to The Pure Oil Company. 2,675,083, Cl. 166—25.
- Bond, Donald C., and G. G. Bernard, assignors to The Pure Oil Company. 2,679,294, Cl. 166—25.
- Bond, Donald C., and R. H. Lorenz, to The Pure Oil Co. 2,690,428, Cl. 252—8.55.
- Bond, Donald S., to Radio Corp. of America. 2,689,926, Cl. 315—12.
- Bond, Donald S., and D. G. Moore, assignors to Radio Corporation of America. 2,676,260, Cl. 250—36.
- Bond, Frederick W., Jr.: See—
Whitehurst, George A., and Bond. 2,686,645.
- Bond, John C.: See—
Goulding, Albert, Jr., Bond, Emrick, and Krosse. 2,689,372.
- Bond, Orson H., and W. E. Wright, assignors to Sea Island Mills, Inc. 2,674,010, Cl. 19—12.
- Bond, Robert W.: See—
Gapen, Clark C., and Bond. 2,678,903.
- Bond, Virgil V., to Portion Pack, Inc. 2,689,798, Cl. 99—171.
- Bond, Walter L., M. Sparks, and G. K. Teal, to Bell Telephone Laboratories, Inc. 2,694,024, Cl. 148—33.
- Bondesen, Bonde. 2,688,816, Cl. 43—53.5.
- Bondi, Arnold A., assignor, by mesne assignments, to Shell Development Company. 2,678,918, Cl. 252—42.
- Bondi, Joseph W., assignor to Associated British Oil Engines Limited. 2,674,984, Cl. 123—32.
- Bondley, Ralph J., Scotia, N. Y., assignor to General Electric Company. Current collector. 2,668,923, Feb. 9.
- Bondon, Lewis A., Arlington, N. J. Pressurized multiconductor bulkhead connector assembly. 2,672,500, Mar. 16.
- Bone, Herbert L.: See—
Woods, Robert A., and Bone. 2,677,048.
- Bone, Herbert L., Forest Hills, Pa., assignor to Westinghouse Air Brake Company. Railway switch lever latch stand. 2,669,858, Feb. 23.
- Bonewitz, Paul W., E. H. Fults, and S. W. Hockett. 2,678,303, Cl. 252—156.
- Bong, Walter A.: See—
Hastings, Russell, Jr., and Bong. 2,687,190.
- Bongiovanni, Joseph T. 2,693,257, Cl. 189—75.
- Bonham, Alvin B., Pomona, Calif. Basketball goal attaching means. 2,666,641, Jan. 19.
- Bonham, Douglas L.: See—
Wasson, Jones I., and Bonham.
- Bonham, Walter R. 2,675,899, Cl. 192—48.
- Bonhomme, Francois R.: See—
Droin, Jacques P. M., and Bonhomme. 2,683,371.
- Boni, Alessandro, Rome, Italy. Permutatively operable keyboard and character selecting mechanism for writing machines. 2,666,516, Jan. 19.
- Bonine, James G.: See—
Morrison, Clyde W., Bonine, and Marisay.
- Bonine, Ralph O.: See—
Boden, Samuel H., and Bonine. 2,676,779.
- Bonini, John H., assignor to Marathon Corporation. 2,678,770, Cl. 229—87.
- Bonmartini, Giovanni, assignor to "Est" Etablissement Sciences Techniques. 2,680,464, Cl. 152—356.
- Bonn, Lawrence R. 2,696,278, Cl. 188—88.
- Bonn, Theodore H.: See—
Welsh, Herbert F., Wendell, and Bonn. 2,682,335.
- Bonnefoy, Emile: See—
Van de Walle, Edmond and C., and Bonnefoy.
- Bonner, Arthur L., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Loss measurement in two-way electrical transmission systems. 2,666,099, Jan. 12.
- Bonner, William A., East Alton, Ill., assignor to Shell Development Company, Emeryville, Calif. Fuel oil composition. 2,672,408, Mar. 16.
- Bonnett, Horace W.: See—
Jensen, Harry T., and Bonnett.
- Bonnett, John R.: See—
Kelch, Lester F., and Bonnett.
- Bonnett, Laura. 2,682,662, Cl. 2—78.
- Bonnette, Leroy E.: See—
Born, Ellis H., McCullough, and Bonnette. 2,696,189.
- Bonnevay, Noël F. A. M., to Bernard Tissot-Dupont. 2,695,112, Cl. 217—7.
- Bonney, David W., St. Louis, Mo. Automatic clutch. 2,672,964, Mar. 23.
- Bonney, Everard A., assignor to the United States of America as represented by the Secretary of the Navy. 2,678,560, Cl. 73—147.
- Bonney, George H. 2,677,282, Cl. 74—169.
- Bonney, John L. V., Jr. 2,678,125, Cl. 198—139.
- Bonomi, Ottorino G. 2,677,290, Cl. 77—32.
- Bonotto, Michele. 2,686,192, Cl. 260—412.8.
- Bontempo, Harry. 2,693,976, Cl. 292—216.
- Book Machinery Company Limited, The, assignee: See—
French, Lionel J. B. R.
- Booke, Kenneth E., and J. F. Gilmore, to Westinghouse Electric Corp. 2,685,701, Cl. 15—102.
- Boon, William R., and C. H. Vasey, Manchester, England, assignors to Imperial Chemical Industries Limited. 2-alkoxyhexahydropyrimidine-4,6-dione derivatives and preparing same. 2,666,056, Jan. 12.
- Boone, Philip, Winchester, assignor to American Optical Company, Southbridge, Mass. Variable light-modifying device for phase contrast. 2,666,361, Jan. 19.
- Boone, Philip. 2,687,673, Cl. 88—65.
- Boonton Radio Corp.: See—
Wheeler, Harold A. 2,681,434.
- Boos, Franz. 2,690,154, Cl. 116—117.
- Boosman, Frank C., to The Parker Appliance Co. 2,685,296, Cl. 137—112.
- Boot, Henry A. H.: See—
Randall, John T., Sayers, Boot, and Dawton. 2,680,827.
- Booth, Andrew D., assignor to The British Tabulating Machine Company Limited. 2,680,819, Cl. 307—88.
- Booth, Arthur, to Interchemical Corp. 2,691,005, Cl. 260—22.
- Booth, Christopher H., assignor to Firth-Brown Tools Limited. 2,678,571, Cl. 76—101.
- Booth, Eugene T., Jr., New York, N. Y., and H. C. Paxton, Oak Ridge, Tenn., assignors to the United States of America as represented by the United States Atomic Energy Commission. Syphon sealed pump. 2,668,656, Feb. 9.
- Booth, Frank, assignor, by mesne assignments, to The British Fibrak Separator Company Limited, Denton, near Manchester, England. Manufacture of separators for electric batteries. 2,673,887, Mar. 30.
- Booth, Frank, to The British Fibrak Separator Co. Ltd. 2,683,400, Cl. 92—39.
- Booth, George M., to Wallace & Tiernan Inc. 2,683,079, Cl. 23—252.
- Booth, George W. 2,687,515, Cl. 339—8.
- Booth, Harold C., assignor to Bomac Laboratories Inc. 2,680,207, Cl. 313—198.
- Booth, Harry T., assignor to United Aircraft Products, Inc. 2,675,828, Cl. 137—612.1.
- Booth, Harry T., to United Aircraft Products, Inc. 2,689,712, Cl. 257—203.
- Booth, Henry, to The Henry Booth Methods Corp. 2,688,188, Cl. 33—2.
- Booth, Henry, Methods Corp. The: See—
Booth, Henry. 2,688,188.
- Booth, Irving W., to Jim-Jen Toy Co. 2,686,386, Cl. 46—43.
- Booth, Jack J. 2,681,750, Cl. 222—207.
- Booth, James H.: See—
Ricks, Bernard E., and Booth. 2,694,528.
- Booth, James H., Venice Township, Shiawassee County, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Antifriction gear assembly. 2,664,760, Jan. 5.
- Booth, James H., to Thompson Products, Inc. 2,685,467, Cl. 287—90.
- Booth, James H., to Thompson Products, Inc. 2,686,070, Cl. 287—90.
- Booth, James H., to Thompson Products, Inc. 2,696,397, Cl. 287—60.
- Booth, Morris F. 2,685,478, Cl. 301—1.
- Booth, Robert B., and J. M. Dobson, to American Cyanamid Co. 2,695,101, Cl. 209—166.
- Boothby, Clinton R., and R. L. Jerrett, Toledo, Ohio. Electric windshield wiper. 2,670,492, Mar. 2.
- Boothby, Lawrence W. 2,681,999, Cl. 250—40.
- Boothby, Lawrence W. 2,690,540, Cl. 333—7.
- Boothby, Orlando: See—
Sutton, George D., and Boothby. 2,698,218.
- Boothby, Sarah H.: See—
Sutton, George D., and Boothby. 2,698,218.
- Boothroyd, Wilson P., assignor to Philco Corporation. 2,680,151, Cl. 179—15.
- Boothroyd, Wilson P., and E. M. Creamer, Jr., assignors to Philco Corporation. 2,680,153, Cl. 179—15.
- Boots, Arthur A., Columbia, assignor to Cafa-Roll, Inc., Carthage, Mo. Food serving conveyer. 2,666,519, Jan. 19.
- Boots Pure Drug Co. Ltd.: See—
Short, Wallace F., Brodrick, and Donaldson. 2,683,711.
- Bopf, Edward C., and F. A. Thomann, Des Moines, assignors to Deere Manufacturing Co., Dubuque, Iowa. Multirow cotton harvester. 2,672,001, Mar. 16.
- Bopp, Cecil W. 2,678,638, Cl. 121—38.
- Borax Consolidated, Ltd.: See—
O'Brien, Patrick J., and Connell. 2,690,387.

- Borberg, Willy, to International Projector Corp. 2,680,021, Cl. 184—6.
- Borberg, Willy, to General Precision Laboratory Inc. 2,691,320, Cl. 88—18.
- Borchardt, Lester F., and C. E. Felt, assignors to General Mills, Inc. 2,678,154, Cl. 229—62.
- Borchardt, Robert E., to Barber-Colman Co. 2,695,439, Cl. 28—46.
- Borchelt, Waldemar H.: *See—*
Chermendy, Carl V., and Borchelt. 2,685,624.
- Borchering, Jan: *See—*
Buchner, Robert B., and Borchering. 2,697,750.
- Borchers, Earl M., and A. W. Ahlgren, to American Cabinet Hardware Corp. 2,694,592, Cl. 292—251.5.
- Borck, Alfred G., Tullinge, assignor to Aktiebolaget Separator, Stockholm, Sweden. Device for mixing and homogenizing liquids. 2,673,075, Mar. 23.
- Borden Co., The: *See—*
Helligmann, Randall G., and Benington. 2,685,575.
Howard, Hartley W., Block, and Sevall.
Stuart, Gerald H., Howard, Watson, Clickner, and Sommer. 2,682,469.
- Borden, David M.: *See—*
Huebner, George J., Jr., and Borden. 2,683,583.
- Borden, Joseph H., to Houghton Elevator Co. 2,685,348, Cl. 187—29.
- Borden, Moro M., to Simplex Valve & Meter Co. 2,681,575, Cl. 73—407.
- Borden, Moro M., to Simplex Valve & Meter Co. 2,683,372, Cl. 73—321.
- Bordewieck, Robert W., and J. O. Roebuck, to Moore Electronic Laboratories, Inc. 2,686,277, Cl. 315—83.
- Borel, Walter A. 2,679,703, Cl. 37—92.
- Boreysza, Georg J. 2,682,095, Cl. 28—43.
- Borg, George W., Corp., The: *See—*
Foote, Harold G. 2,692,603.
Johnston, Samuel A.
Lawson, Robert R., and McKie. 2,696,072.
Schmidt, Arnold W. 2,680,360.
Van Alen, De Witt T.
Van Alen, De Witt T., and Foote.
- Borg, Herbert F. 2,695,757, Cl. 242—18.
- Borg-Warner Corp.: *See—*
Armantrout, Kenneth M. 2,676,684.
Baule, Werner G. 2,679,768.
Bolton, Harry G. 2,684,057.
Compton, James A. 2,695,566.
Compton, James A. 2,696,172.
Condon, Francis H. 2,681,469.
Emerson, John R. 2,689,527.
English, Herdis G. 2,675,678.
Flinn, George E. 2,682,786.
Foley, Jerald E.
Gerhardt, Andrew H., and Frey. 2,679,741.
Gillespie, Daniel C. 2,677,448.
Gommel, Dewey E.
Hannum, John A. 2,692,194.
Hannum, John A., and Epel. 2,692,195.
Holdeman, John W. 2,682,787.
Holdeman, John W. 2,689,490.
Hornaday, James R.
Hubacker, Earl F., and Tarleton.
Ingersoll, Roy C.
Jandasek, Vladimir J. 2,683,509.
Jandasek, Vladimir J., and Leitner. 2,696,171.
Kanuch, John A.
Kanuch, John A. 2,680,347.
Kanuch, John A. 2,687,869.
Kelbel, Donald W.
Kelbel, Donald W. 2,682,177.
Kelbel, Donald W., and Flinn. 2,693,711.
Lauck, John A.
Lauck, John A. 2,676,548.
Lauck, John A. 2,685,342.
Lauck, John A. 2,694,979.
Lauck, John A., and Compton.
Lauck, John A., and Compton. 2,694,980.
Lawson, Henry W. 2,694,423.
McAninch, Herbert A., and Tharpe. 2,697,355.
Nutt, Harold.
Potgieter, Fred M. 2,689,468.
Priatel, Edward A. 2,680,453.
Reed, Harold V., and Smirl. 2,692,663.
Rockwell, Edward A.
Russey, Edward S. 2,687,928.
Swenson, Carl E. 2,683,508.
Swenson, Carl E. 2,693,868.
Tenney, Raymond M., Hornaday, and Reeves.
Troendly, Harry P. 2,683,510.
Turner, Harold H. 2,689,633.
Warrick, Leland K., and La Flame.
Wavak, Charles R. 2,677,449.
Wichorek, Edmund F. 2,691,945.
Zeidler, Reinhold C.
Zeidler, Reinhold C. 2,692,560.
Zeidler, Reinhold C. 2,692,561.
Zeidler, Reinhold C. 2,692,562.
Zeidler, Reinhold C. 2,694,478.
- Borgen, Leif I. 2,675,639. Cl. 43—35.
- Borgerd, William F.: *See—*
Calling, John, and Borgerd. 2,690,940.
Calling, John, and Borgerd. 2,694,607.
- Borgerd, William F., Evansville, Ind., assignor to International Harvester Company. Control valve for spray systems. 2,664,715, Jan. 5.
- Borgerd, William F., Evansville, Ind., assignor to International Harvester Company. Wall mounted console type air conditioning apparatus. 2,664,720, Jan. 5.
- Borgerd, William F., to International Harvester Co. 2,682,757, Cl. 62—129.
- Borgerd, William F., to International Harvester Co. 2,682,960, Cl. 214—130.
- Borgerd, William F., to International Harvester Co. 2,688,460, Cl. 251—68.
- Borgerd, William F., to International Harvester Co. 2,690,649, Cl. 62—4.
- Borges, Walter F., and V. W. Goss, Milwaukee, Wis., assignors to Wrought Washer Mfg. Co. Expansion closure plug. 2,665,818, Jan. 12.
- Borian, Daron: *See—*
Koval, Walter C. 2,694,857.
- Borkowski, Casimer J., Oak Ridge, Tenn., assignor to the United States of America as represented by the United States Atomic Energy Commission. Survey instrument. 2,666,865, Jan. 19.
- Borland, James N., assignor to Standard Railway Equipment Manufacturing Company. 2,679,419, Cl. 292—256.5.
- Born, Ellis H.: *See—*
Adams, Cecil E., and Born. 2,696,196.
- Born, Ellis H., assignor to The Denison Engineering Company. 2,674,853, Cl. 60—97.
- Born, Ellis H., E. M. McCullough, and L. E. Bonnette, to The Denison Engineering Co. 2,696,189, Cl. 116—124.
- Born, Paul L. 2,688,975, Cl. 137—73.
- Bornemann, William, to Eastman Kodak Co. 2,688,281, Cl. 95—89.
- Bornhuetter, William C. 2,691,721, Cl. 240—73.
- Bornor, Donald H.: *See—*
Brereton, John G., Baldauski, and Bornor. 2,682,467.
- Bornus, Melford B., Montevideo, Minn. Nail pulling attachment for hammers. 2,665,882, Jan. 12.
- Bornzin, James H.: *See—*
Raney, Russell R., and Bornzin. 2,685,804.
- Boron, Frank J., to American Brake Shoe Co. 2,681,728, Cl. 198—201.
- Borowick, Emma G., New York, N. Y. Dispenser or applicator. 2,669,232, Feb. 16.
- Borrelli, Ralph: *See—*
Orsatti, Louis A., and Borrelli. 2,695,784.
- Borroughs Tool & Equipment Co.: *See—*
Delebanty, Allen J. 2,690,670.
- Borrowdale, Orville J. 2,683,524, Cl. 198—211.
- Borst, Lyle B., Oak Ridge, Tenn., assignor to the United States of America as represented by the United States Atomic Energy Commission. Spectrometer. 2,666,147, Jan. 12.
- Bortner, David C., assignor to Reed Standard Corporation. 2,678,664, Cl. 138—25.
- Bortnick, Newman M., Oreland, assignor to Rohm & Haas Company, Philadelphia, Pa. Tetrachlorobenzoguanamines. 2,671,787, Mar. 9.
- Bortnick, Newman M., to Rohm & Haas Co. 2,686,772, Cl. 260—77.5.
- Bortnick, Newman M., to Rohm & Haas Co. 2,692,275, Cl. 260—453.
- Bortnick, Newman M., to Rohm & Haas Co. 2,694,695, Cl. 260—77.5.
- Bortz, Harry A., Pittsburgh, Pa. Refrigerated storage and display cabinet. 2,671,319, Mar. 9.
- Boruff, Clair S.: *See—*
Buswell, Arthur M., and Boruff. 2,686,146.
- Borushko, Michael J., assignor to Harding Manufacturing Company. 2,675,779, Cl. 118—65.
- Bory, Jacques M.: *See—*
Douris, Roger G., and Bory.
- Bos, Julius G.: *See—*
Vermeulen, Roelof, Alink, and Bos. 2,681,802.
- Bos, Louis B., and F. C. McCoy, to The Texas Co. 2,681,891, Cl. 252—75.
- Bosch, Frederick W., Worland, Wyo. Vehicle operated cattle gate. 2,671,976, Mar. 16.
- Bosch, Jack, Smithtown, N. Y. Fluid transmission system. 2,671,543, Mar. 9.
- Bosch, Johannes N., to Staatsbedrijf der Posterijen, Telegrafie en Telefonie. 2,689,526, Cl. 101—371.
- Bosch, Robert, G. m. b. H.: *See—*
Bacher, Gottlob. 2,694,827.
Harnisch, Alfred. 2,680,838.
Klett, Erich. 2,685,042.
Traub, Eberhardt. 2,687,361.
Zehender, Ernst. 2,693,735.
- Boser, John P. and N. 2,682,064, Cl. 9—17.
- Boser, Nikolas: *See—*
Boser, John P. and N. 2,682,064.
- Bosley, Frank J. 2,690,909, Cl. 270—73.
- Bosomworth, George P., Akron, and S. M. Clark, Parma, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Fastening device. 2,665,467, Jan. 12.
- Bosqui, Francis L.: *See—*
McKay, James B., Roberts, and Bosqui. 2,677,608.
- Bosqui, Francis L., and T. D. Heath, to The Dorr Co. 2,692,677, Cl. 209—39.

- Bossard, Werner, Riehen, near Basel, assignor to J. R. Geigy A. G., Basel, Switzerland. Copperable disazo dye-stuffs. 2,670,346, Feb. 23.
- Bosse, Heinrich, to International Standard Electric Corp. 2,686,265, Cl. 250—33.
- Bosserman, Charles A., assignor to Boeing Airplane Company, Seattle, Wash. Tab control. 2,669,401, Feb. 16.
- Bossert, Friedrich: *See*
Andersag, Hans, Weese, and Bossert.
- Bossert, Norman K., and T. Wagner, assignors of one-third to E. C. Reinche, Lodi, Calif. Seat back rest. 2,666,474, Jan. 19.
- Bosshard, Hans, to J. R. Geigy A. G. 2,692,262, Cl. 260—134.
- Bostelman, Otto. 2,678,054, Cl. 135—49.
- Bostick, Winston H.: *See*
Rehkopf, Harold L., and Bostick. 2,677,805.
- Bostitch, Inc.: *See*
Lindstrom, Charles M. 2,678,443.
Lindstrom, Charles M. 2,682,054.
- Bostock, James H., R. A. Hasty, and H. C. Otis, assignors to Otis Engineering Corporation. 2,676,782, Cl. 251—364.
- Boston Gear Works—Division The Murray Company of Texas, Inc., assignee: *See*
Schumb, Martin T.
- Boston, John R.: *See*
Watson, Romaine E., Boston, and Lehmeier.
- Boston Machine Works Company, assignee: *See*
Dennis, Ralph L., and Pohle. 2,676,648.
- Boston Metals Co., The: *See*
Linnenbank, Donald, Money, and Noel, Jr. 2,687,106.
- Bostwick, Henry C., Coventry Township, Summit County, assignor to Akron Standard Mold Company, Akron, Ohio. Method of and apparatus for coating fabric on either or both faces. 2,668,572, Feb. 9.
- Bostwick, Lee G., Florham Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibrating reed device. 2,673,482, Mar. 30.
- Bostwick, Wallace L., and S. M. Terry, Columbus, assignors, by mesne assignments, to The United States Playing Card Company, Cincinnati, Ohio, and National Publishing Company, Philadelphia, Pa. Carrier-backed decorative material. 2,670,555, Mar. 2.
- Boswell, Thomas L., to Elgin National Watch Co. 2,683,184, Cl. 136—107.
- Boteler, Henry W., East Greenwich, assignor to Grinnell Corporation, Providence, R. I. Tandem acting fluid pressure actuator. 2,671,470, Mar. 9.
- Boteler, Henry W., assignor to Grinnell Corporation. 2,678,662, Cl. 137—788.
- Boterweg, Dirk, and F. C. W. Slooff, to Hartford National Bank and Trust Co., as trustee. 2,685,010, Cl. 200—92.
- Both, Tonjes A. C., to Bridgeport Brass Co. 2,695,814, Cl. 299—95.
- Botham, George H., J. F. Lancaster, and D. W. O. Dawson, to The A. P. V. Co. Ltd. 2,689,177, Cl. 75—125.
- Boticki, John I., Lake Milton, Ohio. Tongs with work holding jaws. 2,668,733, Feb. 9.
- Botkin, Carl, and J. Sulich, Jr., to General Aniline & Film Corp. 2,694,010, Cl. 95—6.
- Bott, Hugh R., and H. M. Spiers, to The Permutit Co. Ltd., Stewarts & Lloyds Ltd., and The Woodall-Duckham Vertical Retort and Oven Construction Co. (1920) Ltd. 2,687,999, Cl. 210—24.
- Bottenberg, Kenneth C., to Phillips Petroleum Co. 2,690,989, Cl. 196—4.
- Bottenhorn, Hermann A., assignor to Hydropress, Incorporated. 2,679,900, Cl. 164—60.
- Böttger, Hans: *See*
Neugebauer, Wilhelm, Tomanek, and Böttger.
- Bottoni, Robert J., and V. G. Haroldson, to Unimatic Corp. 2,686,064, Cl. 285—6.5.
- Bottos, Baltassar. 2,698,200, Cl. 299—69.
- Botts, Henry W., to Hercules Powder Co. 2,687,093, Cl. 102—24.
- Bouchard, Gaston R., Bougival, France. Universal joint device. 2,666,308, Jan. 19.
- Bouchard, Orezul, Montreal, Quebec, Canada. Log-barking machine having a gimbal mounting for toothed log-feeding wheels. 2,669,266, Feb. 16.
- Boucher, Charles E., to S. Vessot Co. Ltd. 2,681,768, Cl. 241—81.
- Boucher, Frank G., Tulsa, Okla., assignor to Standard Oil Development Company. Seismogram trace analyzer. 2,671,375, Mar. 9.
- Boucher, Raymond W., to Hedstrom Union Co. 2,691,410, Cl. 155—143.
- Boucheron, Pierre H., Jr., to Radio Corp. of America. 2,690,472, Cl. 178—5.8.
- Bouchet, Georges, to Prosilis. 2,687,126, Cl. 126—270.
- Boudreaux, Edwin J. 2,674,380, Cl. 214—9.
- Boughton, Roger C., assignor, by mesne assignments, to Southern Pipe & Casing Co. 2,679,410, Cl. 285—119.
- Boughtwood, John E., Halesite, assignor to The Western Union Telegraph Company, New York, N. Y. Pulse modulation phasing. 2,672,517, Mar. 16.
- Bouix, Maurice, Paris, France. Rotary joint with axial recess for centimetric radars. 2,671,885, Mar. 9.
- Boulard, Georges. 2,696,791, Cl. 104—3.
- Boulet, Georges, Toulouse, France. Revolving combustion chamber with lubrication means. 2,667,032, Jan. 26.
- Bouley, Lewis F. 2,689,617, Cl. 170—173.
- Bouligny, R. H., Inc., assignee: *See*
Moseley, Charles W.
Philibosian, Stephen, Rowe, and Stolp. 2,678,522.
Rowe, Oliver R., and Stolp. 2,679,996.
- Boulter, Raymond A.: *See*
Lloyd, Peter, Shilling, Brown, and Boulter.
- Boulton, Robert E. 2,684,163, Cl. 214—140.
- Bouma, Frank, and A. van der Vliet, Zeeland, Mich. Auxiliary traction device for vehicles. 2,671,698, Mar. 9.
- Bour, John N. 2,693,960, Cl. 273—127.
- Bourgeois, Charles, Antwerp, Belgium. Sound-absorbing panel. 2,671,522, Mar. 9.
- Bourke, Edgar R.: *See*
Barrett, Edward L. 2,684,396.
Barrett, Edward L. 2,692,745.
- Bourne, Douglas J.: *See*
Atwood, George E., and Bourne. 2,696,912.
Bourne, Joseph B., and C. Croome. 2,696,280, Cl. 189—75.
Bourne, Roland B., to The Maxim Silencer Co. 2,681,516, Cl. 37—43.
- Bourner, Howard L., assignor to Temco, Inc., Nashville, Tenn. Drying apparatus. 2,664,646, Jan. 5.
- Bourret, Georges: *See*
Fouron, Pierre, and Bourret. 2,696,031.
Fouron, Pierre, and Bourret. 2,696,082.
Fouron, Pierre, and Bourret. 2,698,005.
- Bourseau, Jean, and G. Comte, to Compagnie Generale d'Electricite. 2,696,531, Cl. 179—175.3.
- Bousson, Robert: *See*
Doussain, Robert, Bousson, and Perrier. 2,690,810.
- Boutell, Albert R., to Eastman Kodak Co. 2,688,220, Cl. 51—235.
- Boutelle, Allen O., assignor to Thomas Industries Inc. 2,680,841, Cl. 339—162.
- Boutelle, Richard S., Hagerstown, Md., assignor to Fairchild Engine and Airplane Corporation. Jet augmentation arrangement. Re. 23,792, Mar. 2.
- Bouthillette, Antonio, and E. St. Pierre, assignors to Hemphill Company. 2,676,474, Cl. 66—179.
- Boutillon, Henri, to Etablissements Boutillon S. A. 2,682,368, Cl. 235—61.
- Boutin, Charles. 2,685,408, Cl. 235—61.5.
- Bouton, Edgar M., assignor to Westinghouse Electric Corporation. 2,676,673, Cl. 187—32.
- Bouton, Gertrude V.: *See*
Vischer, Alfred, Jr. 2,691,090.
- Bouvat-Martin, Jean, assignor to Societe Anonyme dite: Societe General Isothermos. 2,674,503, Cl. 308—84.
- Bouvier, Gabriel S., and R. P. Clair. 2,691,003, Cl. 260—17.3.
- Bouwens, Albert, to N. V. Optische Industrie "de Oude Delft." 2,683,816, Cl. 250—213.
- Bouzzat, Jean, C. M. Ducot, and P. Perilhou, assignors to Office National d'Etudes et de Recherches Aeronautiques. 2,677,820, Cl. 343—106.
- Bouzzat, Jean, C. M. Ducot, and P. Perilhou, assignors to Office National d'Etudes et de Recherches Aeronautiques. 2,677,821, Cl. 343—108.
- Bovard, Charles M.: *See*
Ramsey, Robert P., Morain, and Bovard. 2,676,578.
- Bove, Josephine: *See*
Bove, Rosario and J. 2,697,838.
- Bove, Rosario and J. 2,697,838, Cl. 2—279.
- Bowan, Walter J.: *See*
Mueller, Frank H., and Bowan. 2,691,384.
- Bowden, Andrew T., assignor to C. A. Parsons & Company Limited. 2,674,849, Cl. 60—39.66.
- Bowden, Cyril H., and E. V. Cooke, to Imperial Chemical Industries Ltd. 2,698,287, Cl. 202—158.
- Bowden, James J., Warren, Ohio. Fluidizing slag in the manufacture of steel by open hearth and electric furnace processes. Re. 23,778, Feb. 9.
- Bowden, John W., to Lord & Burnham, Division of Burnham Corp. 2,691,352, Cl. 108—16.
- Bowditch, Hoel L., assignor to The Foxboro Company, Foxboro, Mass. Recording instrument strip chart mechanism. 2,671,710, Mar. 9.
- Bowditch, Hoel L., to The Foxboro Co. 2,696,833, Cl. 137—625.12.
- Bowditch, Hoel L., D. H. Fuller, and M. Bradner, assignors to The Foxboro Company. 2,674,513, Cl. 346—46.
- Bowen, Albert M.: *See*
Montooth, George A., and Bowen. 2,697,605.
- Bowen, Billi: *See*
Metzler, Charles L., Wark, and Bowen. 2,681,185.
- Bowen, Bradford T., Rumford, assignor of one-half to R. F. Walker, Providence, R. I. Counterbore attachment. 2,667,795, Feb. 2.
- Bowen, Earl M., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Boring machine. 2,667,091, Jan. 26.
- Bowen, Joe, to Alexander H. Kerr and Co., Inc. 2,695,125, Cl. 226—88.
- Bowen, John D. 2,688,243, Cl. 68—213.
- Bowen, Norman E. 2,698,184, Cl. 275—8.
- Bowen Products Corporation, assignee: *See*
Otte, Henry.
- Bowen, Raymond H., Holley, N. Y. Ditching blade attachment for tractor operated plows. 2,670,550, Mar. 2.
- Bowen, Raymond P.: *See*
Blair, Ben H., and Bowen. 2,695,780.

- Bowen, Richard G. 2,696,228, Cl. 143—135.
 Bowen, Seth T.: *See*—
 Fortess, Fred, and Bowen. 2,676,152.
 Bowen, Tom, to Pullars Instruments Ltd. 2,681,635, Cl. 116—129.
 Bowen, William E. 2,687,264, Cl. 248—210.
 Bowen, William S., Westfield, N. J. Two-fluid centrifugal spray machine. 2,665,942, Jan. 12.
 Bower, Clyde S. P., assignor of one-half to W. R. McLain, Philadelphia, Pa. Thermoplastic sealing of bags with vacuum nozzles. 2,672,268, Mar. 16.
 Bower, Earl J. 2,674,246, Cl. 128—215.
 Bower, Frank A.: *See*—
 Daub, Rudolph. 2,685,729.
 Bower, Fred C., to The Black-Clawson Co. 2,696,638, Cl. 18—10.
 Bower, George D., to Milwaukee Gas Specialty Co. 2,693,518, Cl. 200—139.
 Bower, John O. 2,682,872, Cl. 128—156.
 Bowering, Henry G., assignor to Kinney Manufacturing Company, Needham, Mass. Vacuum pump. 2,668,655, Feb. 9.
 Bowerman, Hulie E. 2,687,335, Cl. 309—4.
 Bowerman, Hulie E. 2,688,983, Cl. 137—793.
 Bowers, Benjamin N., to General Electric Co. 2,684,993, Cl. 174—17.
 Bowers, Claude E. 2,688,417, Cl. 220—3.9.
 Bowers, Dana W., Jr., and R. N. Griesheimer, assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,109, Cl. 333—22.
 Bowers, James F., 49% to D. N. Copp and R. O. Wilson. 2,688,445, Cl. 235—91.
 Bowers, James F., 49% to D. N. Copp and R. O. Wilson. 2,690,117, Cl. 101—96.
 Bowers, Joseph H. 2,676,567, Cl. 119—77.
 Bowers, Lee: *See*—
 Conrad, Harry, and Bowers.
 Bowers, Orville C. 2,691,718, Cl. 240—2.
 Bowers, Posey R.: *See*—
 Gouner, Leonidas E. 2,696,377.
 Bowers, Raymond W., Three Rivers, and C. J. Alexander, Moore Park, assignors to Wells Manufacturing Corporation, Three Rivers, Mich. Hydraulically-adjustable horizontal band-sawing machine. 2,669,261, Feb. 16.
 Bowers, Roy C., assignor to Morse Chain Company. 2,680,359, Cl. 64—28.
 Bowersox, Marvin W. 2,676,598, Cl. 134—56.
 Bowerston Shale Co., The: *See*—
 Milliken, Edward C. 2,682,696.
 Bowie, Benjamin T., Greenville, S. C. Bulb changing device. 2,669,478, Feb. 16.
 Bowie, Robert M., Manhasset, N. Y., assignor to Sylvania Electric Products, Inc. Disk seal tube. 2,666,160, Jan. 12.
 Bowie, Robert M., assignor to Sylvania Electric Products, Inc. 2,679,615, Cl. 315—40.
 Bowland, Andrew, assignor to William M. Bailey Company, Pittsburgh, Pa. Goggle valve. 2,668,558, Feb. 9.
 Bowles, Henry M.: *See*—
 Gleason, Augustus W., and Bowles.
 Bowles, Vernon O., to Socony-Vacuum Oil Co., Inc. 2,687,371, Cl. 196—52.
 Bowles, Vernon O., to Socony-Vacuum Oil Co., Inc. 2,692,128, Cl. 261—114.
 Bowley, Raymond F., Boston, Mass. Bifurcated skirt. 2,665,428, Jan. 12.
 Bowlus, Claude A. 2,698,127, Cl. 230—1.
 Bowman, Alfred W. 2,682,256, Cl. 121—44.
 Bowman, Charles C.: *See*—
 Sletten, Vernon O., and Bowman.
 Bowman, Charles L., and D. M. Kingsford, assignors to Gerber Products Company, Fremont, Mich. Washing and drying apparatus. 2,671,240, Mar. 9.
 Bowman, Charles L., and D. M. Kingsford, to Gerber Products Co. 2,683,315, Cl. 34—12.
 Bowman, Clarence A. 2,687,084, Cl. 100—93.
 Bowman, Donald F.: *See*—
 Ward, Peter W., and Bowman.
 Bowman, George L., assignee: *See*—
 Mueller, Herman H.
 Bowman, Glade B.: *See*—
 Hammond, Milton B., and Bowman. 2,676,917.
 Bowman, Howard J., assignor to Trent Tube Company, East Troy, Wis. Method and apparatus for the production of welded tubing. 2,669,639, Feb. 16.
 Bowman, Hyman D., Raleigh, N. C. Well heater. 2,666,487, Jan. 19.
 Bowman, Hyman D. 2,697,371, Cl. 81—119.
 Bowman, Hyman R., Raleigh, N. C. Illuminated electric razor frame. 2,666,842, Jan. 19.
 Bowman, John L., assignee: *See*—
 Mueller, Herman H.
 Bowman, Spencer, to Le Roi Co. 2,683,362, Cl. 64—29.
 Bowman, Wilma A. 2,698,155, Cl. 248—311.
 Bowne, M. S., trustee: *See*—
 Webb, Cecil E. 2,693,016.
 Bowser, Inc.: *See*—
 Ehrman, Frederick S.
 Fortener, Henry J. 2,681,251.
 Harks, Walter M. 2,677,303.
 Herderhorst, Wilfred W. 2,698,112.
 Mankin, Paul A.
 Pressler, Ralph B. 2,697,943.
 Rittenhouse, Howard E. 2,678,658.
 Romanowski, Albert F., and Weinecke. 2,684,796.
 Samiran, David. 2,698,191.
 Wynkoop, Charles N. 2,675,025.
 Bowser, Percy L., Jr.: *See*—
 Venner, William M., and Bowser. 2,676,371.
 Bowser Technical Refrigeration, division of Bowser, Inc., assignee: *See*—
 Shamroth, Jack.
 Bowser, Theron L.: *See*—
 Bellamy, John I., and Bowser. 2,674,657.
 Bowser, Virgil L., and E. J. Dare. 2,682,824, Cl. 97—226.
 Box, E. O., Jr., to Phillips Petroleum Co. 2,693,496, Cl. 260—677.
 Box, William E., J. T. Claridge, and A. G. Turnock, to Electromagnets Ltd. 2,690,263, Cl. 209—223.
 Box, William E., J. T. Claridge, and A. G. Turnock, to Electromagnets Ltd. 2,693,279, Cl. 209—215.
 Box, William T., and C. C. B. Moody, Jr., to B. J. Service Inc. 2,695,665, Cl. 164—5.
 Boxer, George E.: *See*—
 Holland, Arnold J., Boxer, and Rickards. 2,694,679.
 Boxer, Leah H., to J. E. Trabucco. 2,691,878, Cl. 66—4.
 Boxer, Moses F. 2,692,412, Cl. 24—3.
 Boyajean, John A., Jr., Upper Montclair, N. J., assignor to Fairchild Camera and Instrument Corporation. Image-reproducing plate and cylinder assembly. 2,668,498, Feb. 9.
 Boyajean, John A., Jr., to Fairchild Camera and Instrument Corp. Re. 23,914, Cl. 178—6.6.
 Boyajian, Aram, Pittsfield, Mass., assignor to General Electric Company. Polyphase transformer system with grounded neutral. 2,667,617, Jan. 26.
 Boyce, Hazen D.: *See*—
 Wilcox, Francis P., Fitts, and Boyce. 2,697,846.
 Boyce, Leonard D., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Transmission control mechanism. 2,673,474, Mar. 30.
 Boyce, Leonard D., to Carter Carburetor Corp. 2,684,058, Cl. 123—122.
 Boyce Thompson Institute for Plant Research, Inc.: *See*—
 Denny, Frank E. 2,692,822.
 Boyce, Willford H., and V. E. Harvie. 2,689,331, Cl. 324—34.
 Boyce, William C.: *See*—
 Hammond, Douglas L., and Boyce. 2,685,422.
 Boyd, Bruce, S. I. Rambo, and R. H. Hagopian, to Westinghouse Electric Corp. 2,691,732, Cl. 250—36.
 Boyd, Clyde R., Baltimore, Md. Combined electrically-mechanically operated clock. 2,669,088, Feb. 16.
 Boyd, David M., Jr., to Universal Oil Products Co. 2,684,326, Cl. 202—40.
 Boyd, Edmund H., to Papooservice Corp. 2,695,654, Cl. 155—38.
 Boyd, Frederick E. 2,686,517, Cl. 128—158.
 Boyd, John: *See*—
 Berry, William, Oswin, and Boyd. 2,684,919.
 Boyd, John M., J. Simpson, and R. M. Mero, to Continental Can Co., Inc. 2,693,305, Cl. 226—68.
 Boyd, Roy W., A. Van Vooren, and H. Ruehl, to International Harvester Co. 2,688,178, Cl. 29—33.
 Boyd, Thomas, Springfield, and R. M. Dickey, North Wilbraham, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. New catalytic process for the polymerization of ethylene. 2,666,756, Jan. 19.
 Boyd, Thomas, Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Polymeric titanium ester anhydrides. 2,666,772, Jan. 19.
 Boyd, Thomas, and R. E. Cairns, and C. K. Bump, assignors to Monsanto Chemical Company. 2,676,102, Cl. 95—8.
 Boyd, Thomas, to Monsanto Chemical Co. 2,689,858, Cl. 260—429.
 Boyd, William H.: *See*—
 Sparrow, Robert C., and Boyd. 2,689,069.
 Boyd, Winnett, to A. V. Roe Canada Ltd. 2,693,904, Cl. 230—122.
 Boyd, Winnett, Bobcaygeon, Ontario, R. G. Meschino, Toronto, Ontario, and K. W. Jay, Weston, Ontario, assignors to A. V. Roe Canada Limited, Malton, Ontario, Canada. Flow distributor valve. 2,664,910, Jan. 5.
 Boyd, Winnett, and A. E. Pashley, assignors to A. V. Roe Canada Limited. 2,674,844, Cl. 60—35.6.
 Boyd, Winnett, and J. T. Purvis, to A. V. Roe Canada Ltd. 2,681,837, Cl. 308—187.
 Boyd, Winnett, B. A. Avery, and J. P. Laviolette, to A. V. Roe Canada Ltd. 2,689,682, Cl. 230—134.
 Boyden, Robert E., H. L. Clary, R. E. Eakin, R. D. Glenie, R. S. Mark, and W. A. Parsons, assignors to Clary Multiplier Corporation. 2,677,499, Cl. 235—60.2.
 Boyden, Robert E., B. F. Kuhne, and W. A. Parsons, to Clary Multiplier Corp. 2,682,994, Cl. 235—60.25.
 Boye Needle Co., The: *See*—
 Carlson, Gustav A. 2,687,630.
 Boyen, John L., to Currier Co. 2,681,308, Cl. 202—170.

- Boyer, Didier, to Realisations Techniques Routieres "Reter." 2,683,621, Cl. 299—59.
- Boyer, John L., assignor to Westinghouse Electric Corporation. 2,679,611, Cl. 313—170.
- Boyer, John R., Avondale, Pa., and R. M. Luckring, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. High-temperature packing. 2,667,684, Feb. 2.
- Boyer, John R., Avondale, Pa., and R. M. Luckring, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. High-temperature packing. 2,667,804, Feb. 2.
- Boyer, Lee H., to Phillips Petroleum Co. 2,692,294, Cl. 260—679.
- Boyer, Leo L., to Knudsen Creamery Co. of California. 2,685,376, Cl. 214—16.
- Boyer, Oliver, assignor of $\frac{1}{4}$ to P. E. Siggers. 2,675,750, Cl. 97—40.
- Boyer, Ralph K., Lakewood, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Dispensing valve for pressurized dispensing containers. 2,667,991, Feb. 2.
- Boyer, Richard P., Jr., to International Telephone and Telegraph Corp. 2,685,052, Cl. 317—139.
- Boyer, Richard P., Jr., to International Telephone and Telegraph Corp. 2,686,841, Cl. 179—22.
- Boyer, Robert A., 2,682,466, Cl. 99—14.
- Boyer, Russell C., to Clyserol Laboratories, Inc. 2,690,181, Cl. 128—232.
- Boyer, Walter T., to American Viscose Corp. 2,694,301, Cl. 66—86.
- Boyer William P., and J. R. Mangham, assignors to Virginia-Carolina Chemical Corporation. 2,678,940, Cl. 260—461.
- Boytown Burial Casket Co.: See—
Eisenhard, Eli S., and Herricht. 2,685,972.
- Boyko, Rudolph J., New York, N. Y. Medical exercising apparatus. 2,668,709, Feb. 9.
- Boyle, Archibald R., M. C. P. Hewitt, and J. More, to Dobbie McInnes Ltd. 2,683,984, Cl. 73—59.
- Boyle, Farnham F.: See—
Lipic, Sylvester G., Boyle, and Lyon. 2,680,962.
- Boyle, Gerard J.: See—
Granatek, Alphonse P., and Boyle. 2,681,906.
- Boyle, James M.: See—
Kirshenbaum, Abraham D., and Boyle.
Mullen, Leo V., Jr., and Boyle.
- Boyle-Midway Inc., assignee: See—
Cameron, Joseph W.
- Boyles, Glenn H., to General Electric Co. 2,684,773, Cl. 214—672.
- Boynes, Thomas W., 50% to R. D. Jones. 2,690,928, Cl. 296—95.
- Böyng, August: See—
Steinacker, Peter, and Böyng.
- Boynton, Harry G.: See—
Horeczy, Joseph T., and Boynton. 2,690,460.
- Boysen, Friedrich A., Stuttgart-Heumaden, Germany, assignor to Brevettag Aktiengesellschaft, Schaffhausen, Switzerland. Fluid container preferably fuel container for motor vehicles. 2,673,664, Mar. 30.
- Bozeman, Virgil F., Sr., Moline, C. W. Walz, and R. D. Griff, Rock Island, and H. F. Clausen, assignors to Deere & Company, Moline, Ill. Beet harvester. 2,665,533, Jan. 12.
- Bozeman, Virgil F., Sr., K. B. Sorensen, and H. F. Clausen, to Deere & Co. 2,682,739, Cl. 55—108.
- Bozich, Michael J., 2,698,362, Cl. 200—61.21.
- Bozichovich, Matt. 2,696,352, Cl. 241—301.
- Bozoian, Michael, assignor, by mesne assignments, to Eberbach Corporation. 2,680,012, Cl. 265—27.
- Bozzi, Jules A. 2,679,047, Cl. 2—12.
- Brace, George A., Highland Park, Ill., assignor to The Hoover Company, North Canton, Ohio. Nozzle construction for suction cleaners. 2,664,588, Jan. 5.
- Brace, George A., Highland Park, Ill., assignor to The Hoover Company, North Canton, Ohio. Collapsible filter housing for suction cleaners. 2,672,211, Mar. 16.
- Brace, George A., Highland Park, Ill., assignor to The Hoover Company. 2,674,341, Cl. 183—51.
- Brace, George A., assignor to The Hoover Company. 2,677,850, Cl. 15—333.
- Brace, George A., to The Hoover Co. 2,684,125, Cl. 183—37.
- Brace, George A., to The Hoover Co. 2,684,127, Cl. 183—51.
- Brace, George A., to The Hoover Co. 2,684,128, Cl. 183—51.
- Brace, George A., to The Hoover Co. 2,684,271, Cl. 306—18.
- Brace, Neal O.: See—
Kvalnes, Donovan E., and Brace. 2,691,566.
Kvalnes, Donovan E., and Brace. 2,691,567.
- Bracke, R. F., & Company, assignee: See—
Bracke, Robert F. 2,674,443.
Bracke, Robert F. 2,680,605.
- Bracke, Robert F., assignor, by mesne assignments, to R. F. Bracke & Company. 2,674,443, Cl. 261—41.
- Bracke, Robert F., assignor, by mesne assignments, to R. F. Bracke & Company. 2,680,605, Cl. 261—63.
- Bracken, Wallace H., assignor, by mesne assignments, to The American Pad & Textile Co. 2,678,447, Cl. 2—94.
- Brackett, Spencer A.: See—
Green, Robert H., and Brackett.
- Brackin, John L., assignee: See—
Warner, George E. 2,675,541.
- Bracutt, Michael: See—
Frye, Reinhold A., and Bracutt. 2,676,492.
- Bradberry, Leon L., Berkeley, Calif. Fishing lure. 2,665,511, Jan. 12.
- Bradburd, Ervin M., to International Standard Electric Corp. 2,681,953, Cl. 179—171.
- Bradburd, Ervin M., and R. S. Alter, assignors to International Standard Electric Corporation. 2,677,809, Cl. 333—73.
- Bradburn, George W., Silver Spring, Md. Effusing device. 2,670,236, Feb. 23.
- Bradbury, Frederick J., to Automotive Products Co. Ltd. 2,695,088, Cl. 192—91.
- Bradbury, James G., assignor to Hays Manufacturing Company. 2,678,801, Cl. 251—181.
- Bradbury, Ray C., Alcomdale, Alberta, Canada. Lid lifting tool. 2,669,143, Feb. 16.
- Braden, Marshall H., and E. A. Stapleton. 2,698,391, Cl. 290—2.
- Bradfield, Geoffrey, to National Research Development Corp. 2,685,041, Cl. 310—8.1.
- Bradley, Basil E., assignor, by mesne assignments, to Egry Limited. 2,676,800, Cl. 271—2.6.
- Bradley, Caton, Durham, Conn., assignor, by mesne assignments, to The Sessions Clock Company. Snap-action device. 2,669,618, Feb. 16.
- Bradley & Gilbert Co., The: See—
Bolding, Hubert V. 2,676,751.
Bolding, Hubert V. 2,693,297.
- Bradley, James A., deceased; L. W. Baynard, executor, to J. L. and K. P. Bradley. 2,690,555, Cl. 343—7.
- Bradley, James L.: See—
Bradley, James A. 2,690,555.
- Bradley, John M., to Godfrey L. Cabot, Inc. 2,697,069, Cl. 202—136.
- Bradley, Kent P.: See—
Bradley, James A. 2,690,555.
- Bradley, Robert W., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Electrode system. 2,666,130, Jan. 12.
- Bradley, Schuyler L., to Westinghouse Electric Corp. 2,683,857, Cl. 323—89.
- Bradley, Schuyler L., Pittsburgh, Pa., and N. Nichols, Southgate, Calif., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Static minimum excitation system for alternators. 2,666,885, Jan. 19.
- Bradley, Stephen D., assignor to Detroit Macoid Corporation. 2,679,075, Cl. 20—56.4.
- Bradley, Theodore F.: See—
Jakob, Robert H., Tess, and Bradley.
- Bradley, Theodore F., Oakland, assignor to Shell Development Company, San Francisco, Calif. Sizing of fibrous materials and compositions useful for sizing and for other purposes. 2,665,206, Jan. 5.
- Bradley, William E., to Philco Corp. 2,681,391, Cl. 179—171.
- Bradley, William E., to Philco Corp. 2,689,269, Cl. 178—5.4.
- Bradley, William E., to Philco Corp. 2,689,927, Cl. 315—12.
- Bradley, William E., to Philco Corp. 2,696,520, Cl. 178—5.4.
- Bradley, William E., and J. C. Tellier, assignors to Philco Corporation. 2,678,386, Cl. 250—27.
- Bradner, John A., Shaker Heights, assignor to The Lees-Bradner Company, Cleveland, Ohio. Generating geometric surface. 2,673,401, Mar. 30.
- Bradner, Mead: See—
Bowditch, Hoel L., Fuller, and Bradner.
- Bradshaw, Arthur: See—
Cooper, Basil P., Clark, and Bradshaw. 2,693,740.
- Bradshaw, Douglas B. 2,690,972, Cl. 99—146.
- Bradshaw, John A.: See—
Winslow, Albert E., and Bradshaw.
Winslow, Albert E., and Bradshaw. 2,689,448.
Winslow, Albert E., and Bradshaw. 2,694,896.
- Bradshaw, Stanley E., to The General Electric Co. Ltd. 2,690,383, Cl. 41—42.
- Bradshaw, William D. 2,674,262, Cl. 137—517.
- Bradt, Francis J., and C. A. Rotolo. 2,681,195, Cl. 248—43.
- Brady, Aloysius P.: See—
Silverstein, Robert M., Brady, and Brown. 2,686,766.
- Brady, Bernard L., assignor to Radio Corporation of America. 2,677,108, Cl. 333—6.
- Brady, Elliot W.: See—
Sackman, Loy W., and Brady.
- Brady, Frederick W., $\frac{1}{2}$ to W. H. Brady, Jr. 2,681,732, Cl. 206—56.
- Brady, James M., Wantagh, N. Y., assignor to Servo-mechanisms, Inc. Snap switch. 2,667,546, Jan. 26.
- Brady, James M., assignor to the United States of America as represented by the Secretary of the Army. 2,674,884, Cl. 73—363.
- Brady, John B. 2,692,331, Cl. 250—16.
- Brady, Louis F. 2,682,249, Cl. 115—29.
- Brady, Robert F., to Colgate-Palmolive Co. 2,687,420, Cl. 250—400.
- Brady, Samuel G., Royal Oak, assignor to The Gear Grinding Machine Company, Detroit, Mich. Apparatus for fashioning rotary members having angularly spaced portions of like peripheral contour. 2,672,713, Mar. 23.

- Brady, William H., Jr.: *See*—
Brady, Frederick W. 2,681,732.
- Braeuninger, Karl F., to the United States of America as represented by the Secretary of the Air Force. 2,681,734, Cl. 207—17.
- Bragdon, Robert W.: *See*—
Banus, Mario D., Gibb, and Bragdon. 2,678,949.
- Bragdon, Robert W., assignor to Metal Hydrides Incorporated. 2,680,059, Cl. 23—14.
- Bragg, Herbert E.: *See*—
Hurd, Yorick G., and Bragg. 2,683,679.
- Brahm, Harry, and H. M. Stein. 2,691,175, Cl. 5—53.
- Braibanti, Guiseppe: *See*—
Braibanti, Mario and G. 2,694,986.
- Braibanti, Mario, and G. 2,694,986, Cl. 107—21.
- Brainard, Maurice W., assignor of one-half to O'Keefe & Merritt Company, Los Angeles, Calif. Dry plate type rectifier. 2,665,334, Jan. 5.
- Brainard, Maurice W., assignor of one-half to O'Keefe & Merritt Company, Los Angeles, Calif. Dry plate type rectifier. 2,665,398, Jan. 5.
- Brainard, Maurice W., assignor of $\frac{1}{2}$ to O'Keefe & Merritt Company. 2,680,822, Cl. 310—261.
- Brainerd, Harold W., Jr., C. R. Fast, and G. C. Howard, to Stanolind Oil and Gas Co. 2,689,009, Cl. 166—25.
- Brainin, C. S., Company, assignee: *See*—
Vines, Raymond F.
- Braithwaite, Isaac, & Son Engineers Ltd.: *See*—
Walker, Thomas B. 2,691,884.
- Braithwaite, Leland A. 2,681,529, Cl. 43—55.
- Brake, Leslie H. 2,678,202, Cl. 261—124.
- Bräm, Alfred, to Micafil A.-G. 2,693,220, Cl. 154—1.
- Bram, Zia. 2,675,806, Cl. 128—288.
- Braman, Howard P.: *See*—
McLaughlin, Fred E. 2,682,889.
- Bramblett, John J., assignor to Ben Pearson, Incorporated, Pine Bluff, Ark. Keeper means for cotton picking spindle slats. 2,668,409, Feb. 9.
- Bramblett, John J., assignor to Ben Pearson, Incorporated, Pine Bluff, Ark. Cotton picking means. 2,668,410, Feb. 9.
- Brame, Allen J., to Tubing Appliance Co., Inc. 2,691,315, Cl. 81—58.2.
- Brame, Allen J., to Tubing Appliance Co., Inc. 2,691,316, Cl. 81—61.
- Bramel, Hadley R. 2,693,280, Cl. 210—51.
- Bramlet, Robert Q., assignee: *See*—
Campbell, Rex H.
- Bramming, Carl, Anderson, Ind., assignor to Aladdin Industries, Incorporated, Nashville, Tenn. Hydrocarbon fuel burner. 2,664,729, Jan. 5.
- Bramming, Carl, to Aladdin Industries, Inc. 2,692,703, Cl. 222—67.
- Branan, Wiley M., and G. E. Desetti, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of cellulose ether. 2,667,480, Jan. 26.
- Brancel, Orville M., Pierre, S. Dak. Oar hanger. 2,671,232, Mar. 9.
- Branch, Maurice C.: *See*—
Hartley, George C., Bray, and Branch. 2,686,224.
- Brand, David: *See*—
Pollack, Hyman, and Brand. 2,689,598.
- Brand, Samuel, and D. W. Haney, to International Business Machines Corp. 2,690,221, Cl. 164—113.
- Brandau, Karl W., to The Firestone Tire & Rubber Co. 2,685,904, Cl. 152—330.
- Brandau, William E., to Bendix Aviation Corp. 2,694,900, Cl. 60—39.28.
- Brandel, Albert J., to California Research Corp. 2,684,926, Cl. 196—24.
- Brandell, Elmer: *See*—
Neal, Ernest C. 2,682,795.
- Neal, Ernest C. 2,685,284.
- Brandenberger, Jacques E., Paris, France, assignor to Societe la Cellophane, Basel, Switzerland. Method and apparatus for producing wrapped articles. 2,667,723, Feb. 2.
- Brandenburg, Stanley C., and D. C. Taylor. 2,681,240, Cl. 287—119.
- Brandenfels, Carl. 2,683,454, Cl. 128—58.
- Brandenfels, Carl. 2,698,014, Cl. 128—57.
- Brandes, Oliver L.: *See*—
Ambrose, Henry A., and Brandes. 2,692,821.
- Ambrose, Henry A., and Brandes. 2,697,033.
- Brandes, Oliver L., and C. B. Pattinson, Jr., assignors to Gulf Research & Development Company. 2,675,357, Cl. 252—118.
- Brandes, Oliver L., and C. B. Pattinson, Jr., assignors to Gulf Research & Development Company. 2,678,920, Cl. 252—118.
- Brandner, John D., to Atlas Powder Co. 2,697,046, Cl. 106—181.
- Brandner, John D., and R. H. Hunter, to Atlas Powder Co. 2,687,970, Cl. 106—179.
- Brandner, John D., and R. H. Hunter, to Atlas Powder Co. 2,687,971, Cl. 106—179.
- Brandon, Chester: *See*—
Opocensky, Willard J., and Brandon. 2,682,373.
- Brandon, Clarence W., $14\frac{1}{2}\%$ to N. A. Hardin, $14\frac{1}{2}\%$ to H. E. Wright, $14\frac{1}{2}\%$ to C. H. Newton, and 15% to H. B. Jacobson. 2,689,461, Cl. 62—1.
- Brandon, Clarence W., $42\frac{1}{2}\%$ to N. A. Hardin, H. H. Wright, and C. H. Newton, and 15% to H. B. Jacobson. 2,689,462, Cl. 62—1.
- Brandon, James M.: *See*—
Tingle, Leroy, and Brandon.
- Brandon, Percy S., to Marconi's Wireless Telegraph Co. Ltd. 2,691,776, Cl. 343—14.
- Brandstetter, Edward G. 2,683,555, Cl. 222—97.
- Brandt, Adrianus, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Readjustable mechanical gauge. 2,666,264, Jan. 19.
- Brandt Automatic Cashier Co.: *See*—
Buchholz, Arnold R.
- Buchholz, Arnold R. 2,675,006.
- Buchholz, Arnold R. 2,679,849.
- Buchholz, Arnold R., and Sprenger. 2,675,008.
- Jorgensen, Julius. 2,693,956.
- Quick, Earl W., and Buchholz.
- Brandt, Carl D.: *See*—
Dudley, John S., and Brandt.
- Brandt, Charles E. J. 2,695,779, Cl. 267—21.
- Brandt, Cornelius K., Reedley, Calif. Extensible iron stand. 2,666,999, Jan. 26.
- Brandt, Edgar W., Geneva, Switzerland, assignor to Anstalt für die Entwicklung von Erfindungen und Gewerblichen Anwendungen "Energia", Vaduz, Liechtenstein. Sight for rocket launchers. 2,664,635, Jan. 5.
- Brandt, Edgar W., Geneva, Switzerland, assignor to Anstalt für die Entwicklung von Erfindungen und gewerblichen Anwendungen "Energia", Vaduz, (Liechtenstein). Safety device for projectiles. 2,666,390, Jan. 19.
- Brandt, Edgar W., assignor to Anstalt für die Entwicklung von Erfindungen und Gewerblichen Anwendungen, "Energia." 2,674,923, Cl. 89—1.7.
- Brandt, Edgar W., to Anstalt für die Entwicklung von Erfindungen und Gewerblichen Anwendungen Energia. 2,685,232, Cl. 89—1.7.
- Brandt, Edgar W., to Anstalt für die Entwicklung Von Erfindungen und gewerblichen Anwendungen Energia, 2,693,757, Cl. 102—49.
- Brandt, Henry E. 2,687,051, Cl. 78—49.
- Brandt, John R., to Salerno Machinery Co. 2,686,482, Cl. 107—27.
- Brandt, Paul E.: *See*—
De Ridder, Ernst J., and Brandt. 2,692,107.
- Brandtjen and Kluge, Inc., assignee: *See*—
Kluge, Abel.
- Kluge, Abel. 2,674,187.
- Brandwein, A., & Company, assignee: *See*—
Brandwein, Henry G.
- Brandwein, Henry G., assignor to A. Brandwein & Company, Chicago, Ill. Adjustable mattress. 2,673,357, Mar. 30.
- Branick, Charles E., Fargo, N. Dak. Combination tire spreader and tire-lifting hoist therefor. 2,665,108, Jan. 5.
- Branick, Charles E., Fargo, N. Dak. Bumper jack. 2,669,422, Feb. 16.
- Branick, Charles E., Fargo, N. Dak. Bumper jack. 2,669,424, Feb. 16.
- Branick, Charles E. 2,675,990, Cl. 254—93.
- Branick, Charles E. 2,679,896, Cl. 157—1.17.
- Branick, Charles E. 2,696,969, Cl. 254—1.
- Brann, James L., Jr. 2,677,576, Cl. 299—18.
- Brannen, Cecil G., and E. A. Swakon, assignors to Standard Oil Company. 2,679,480, Cl. 252—49.6.
- Brannen, Charles H.: *See*—
Trout, Ralph J., and Brannen. 2,675,333.
- Brannin, Richard S., Jr., East Williston, and P. Halpert, Hempstead, N. Y., assignors to The Sperry Corporation. Servomotor system having differential torque displacement feedback. 2,666,177, Jan. 12.
- Bransky, David W., and J. A. Bolt, Chicago, Ill., M. W. Stacy, Valparaiso, Ind., and M. Feller, assignors to Standard Oil Company, Chicago, Ill. Bitumen and polyvalent metal hydrocarbon oil sulfonate composition and making same. 2,669,525, Feb. 16.
- Branson Corp.: *See*—
Anderson, Norman J. 2,690,487.
- Branson, Charles D., Knoxville, Tenn., assignor to Robertshaw-Fulton Controls Company, Greensburg, Pa. Constant flow thermostatic control valve. 2,670,900, Mar. 2.
- Branson, Charles D., Knoxville, Tenn., assignor to Robertshaw-Fulton Controls Company, Greensburg, Pa. Check valve structure for mixing valves. 2,672,157, Mar. 16.
- Branson, Charles D., to Robertshaw-Fulton Controls Co. 2,698,027, Cl. 137—504.
- Branson, Charles D., to Robertshaw-Fulton Controls Co. 2,698,029, Cl. 137—599.
- Branson Instruments, Inc., assignee: *See*—
Branson, Norman G.
- Branson, Norman G., assignor to Branson Instruments, Inc., Stamford, Conn. Rail flaw detection device. 2,666,862, Jan. 19.
- Branson, Raymond J., to McNamar Boiler & Tank Co., Inc. 2,682,752, Cl. 62—1.
- Brant, John R., and R. C. Reid; said Reid assor. to said Brandt. 2,696,732, Cl. 73—37.
- Brant, Joseph H., to Bates Mfg. Co. 2,685,120, Cl. 28—78.

- Brante, Phillip, assignee: *See*—
Desselman, Charles B. 2,677,544.
- Brantingham, Paul T., Fort Wayne, Ind., assignor to International Harvester Company. Bearing. 2,665,176, Jan. 5.
- Brasch, Jerome F.: *See*—
Siefker, Joseph A., and Brasch. 2,691,590.
- Brashear, Arthur P., Jr., assignor to American Desk Manufacturing Company. 2,676,646, Cl. 155—125.
- Braski, Raymond J., assignor to Dormeyer Corporation, Chicago, Ill. Electric motor control for food mixers. 2,671,191, Mar. 2.
- Brassel, Jakob, to Ciba Ltd. 2,683,707, Cl. 260—151.
- Braswell, John W. 2,681,147, Cl. 210—24.
- Bratton, Edward E.: *See*—
Marchant, Lewis, and Bratton. 2,693,939.
- Bratton, Francis H., and S. F. Dieckmann, to Hercules Powder Co. 2,683,129, Cl. 260—33.8.
- Bratton, Roy R. 2,674,285, Cl. 145—20.
- Bratz, Otto J., Adrian, Mich., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Brake operating device. 2,672,057, Mar. 16.
- Brauer, Morris, Jersey City, N. J. Apparatus for plugging holes in pipe lines. 2,672,161, Mar. 16.
- Brauer, Morris, Jersey City, N. J. Apparatus for plugging holes in pipe lines. 2,672,162, Mar. 16.
- Brauer, Walter. 2,683,021, Cl. 255—23.
- Brault, Robert G., and R. A. Reck, to Armour and Co. 2,695,284, Cl. 260—97.
- Braun, August J. 2,690,921, Cl. 292—113.
- Braun, Carl J.: *See*—
Housekeeper, Earl J., Hunter, and Braun.
- Braun, Harry L. 2,679,062, Cl. 15—118.
- Braun, Philip N. 2,694,532, Cl. 242—55.2.
- Braun, Philip N., and J. F. Filsinger, to Textile Marking Machine Co. Inc. 2,693,594, Cl. 1—3.
- Braun, Walter A., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Steam heat exchanger. 2,673,719, Mar. 30.
- Braun, Walter M., Whitefish Bay, Wis. Portable utility lamp. 2,673,923, Mar. 30.
- Braun, William R., Sr. 2,674,352, Cl. 188—162.
- Braunlich, Frank H., Jr., and P. H. Cardwell, Tulsa, Okla., assignors to The Dow Chemical Company, Midland, Mich. Treating wells. 2,672,935, Mar. 23.
- Braunschweig, Georges: *See*—
Marti, Fritz, and Braunschweig.
- Braunstein, Morris, assignor to The Sheffield Bronze Paint Corporation. 2,676,935, Cl. 260—28.5.
- Braunstein, Morris, to The Sheffield Bronze Paint Corp. 2,694,691, Cl. 260—33.6.
- Brautigam, John J., to Burndy Engineering Co., Inc. 2,695,347, Cl. 200—113.
- Braverman, Shelley. 2,682,224, Cl. 102—91.
- Brawley, Jack A., $\frac{1}{2}$ to E. A. Lafreniere. 2,684,606, Cl. 81—71.
- Bray, Donald T., and C. O. Reiser, to University of Idaho Research Foundation Inc. 2,694,681, Cl. 210—24.
- Bray, Frederick H.: *See*—
Hartley, George C., Bray, and Branch. 2,686,224.
- Bray Oil Co.: *See*—
Bray, Ulric B. 2,689,221.
- Bray, Theodore M., Jr., and R. H. Weichsel. 2,685,143, Cl. 42—69.
- Bray, Ulric B., to Bray Oil Co. 2,689,221, Cl. 252—33.
- Braymer, Lawrence E., Labaska, Pa. Telescope. 2,670,656, Mar. 2.
- Braymer, Lawrence E. 2,693,032, Cl. 33—61.
- Brayton, Ellery M., to Hook-Flex Corp. 2,697,221, Cl. 1—76.
- Brazee, Henry S.: *See*—
Harris, Wilbur T., Pegram, Brazee, and Hummel.
- Brazil, Thomas C., D. L. Fisk, and B. F. Privett, to Northrop Aircraft, Inc. 2,688,185, Cl. 30—91.
- Brazitis, William: *See*—
Barnes, Walter C., and Brazitis.
- Brealey, Edward R.: *See*—
Lombard, Adrian A., and Brealey. 2,682,363.
- Brearley Company, The, assignee: *See*—
Provenzano, Mike A.
- Brecht, Albert L. 2,686,598, Cl. 211—41.
- Bredemeier, Herbert, Ossining, assignor to The Norden Laboratories Corporation, New York, N. Y. Seal for rotary shafts. 2,668,068, Feb. 2.
- Bredesen, Leo. 2,689,491, Cl. 76—5.
- Bredeson, Olaf A., Waynesboro, Va., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Heat-treatment of N-alkyl polyamides. 2,670,267, Feb. 23.
- Bredesen, Philin N.: *See*—
Anderson, Norman C., Bredesen, and Cade. 2,674,677.
- Bredimus, Elsie, Oakland, N. J., and W. D. Foster, Eustis, Fla., said Foster assignor to Foster and Foster. Gravity operated timing device. 2,669,087, Feb. 16.
- Breeback, Rudolph H.: *See*—
Day, Carl L., and Breeback. 2,692,075.
- Breeback, Rudolph H., assignor to Crown Cork & Seal Company, Inc. 2,679,346, Cl. 226—98.
- Breed, Bowman K., to Preferred Utilities Mfg. Corp. 2,692,015, Cl. 158—77.
- Breed, Florence O. 2,681,689, Cl. 155—30.
- Breeler, Walter R., to Allegheny Ludlum Steel Corp. 2,696,450, Cl. 148—12.
- Breese Burners, Inc.: *See*—
Breese, James L. 2,690,766.
- Breese, James L., to Breese Burners, Inc. 2,690,766, Cl. 137—577.
- Breese, Lemuel R.: *See*—
Blashfield, William, and Breese. 2,679,637.
- Breese, Lemuel R., and B. A. Harris, to The North Electric Mfg. Co. 2,688,438, Cl. 1—16.
- Breeze Corp., Inc.: *See*—
Bird, Stanley P.
- Bird, Stanley P. 2,696,517.
- Strunk, Kenneth G. 2,684,398.
- Bregar, Joseph C., Winston-Salem, N. C., assignor to Western Electric Company, Incorporated, New York, N. Y. Automatic limit bridge. 2,667,970, Feb. 2.
- Brehm, Charles M., assignor to The Steel Products Engineering Company, Springfield, Ohio. Cam operated trimming dies. 2,669,302, Feb. 16.
- Brehm, Harold B., J. P. Kinzer, A. A. Smith, and I. G. Wilson, assignors to Bell Telephone Laboratories, Incorporated. 2,680,162, Cl. 179—175.3.
- Breidenbaugh, Christian P.: *See*—
Turner, James F., and Breidenbaugh. 2,690,721.
- Breisch, John H., assignor to Lake Shore Industries, Inc. 2,679,786, Cl. 90—13.3.
- Breisch, John H., to Measuring Machines, Inc. 2,691,826, Cl. 33—147.
- Breitbart, Julius. 2,689,402, Cl. 33—17.
- Breitenbach, Robert G.: *See*—
Dall, Robert C., and Breitenbach. 2,678,083.
- Breithaupt, Donald E.: *See*—
Murray, Charles H., and Breithaupt.
- Breitler, Pierre: *See*—
Breitler, Robert and P. 2,677,983.
- Breitler, Robert and P. 2,677,983, Cl. 84—95.
- Breitwieser, Roland. 2,675,020, Cl. 137—468.
- Breivogel, William G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Calling dial device. 2,666,097, Jan. 12.
- Brem, Paul. 2,690,232, Cl. 182—23.
- Bremer, Emil B. 2,680,661, Cl. 311—67.
- Bremer, Hermann F., assignor to Rainbows, Inc., Bronx, N. Y. Cup dispenser. 2,669,498, Feb. 16.
- Bremer, Hermann F., and J. A. Gondolfo, assignors to Rainbows, Inc. 2,680,802, Cl. 219—40.
- Bremer, Hermann F., and J. A. Gondolfo, to Rainbows, Inc. 2,687,277, Cl. 251—139.
- Bremer, Norman C., assignor to Morse Chain Company, Ithaca, N. Y. Silent chain. 2,667,791, Feb. 2.
- Bremer, Norman C., assignor to Morse Chain Company. 2,678,569, Cl. 74—243.
- Brendel, Armin G., to American Cyanamid Co. 2,696,878, Cl. 159—4.
- Brendel, Theodor, assignor to Agfa Camera-Werk Aktiengesellschaft, Munich, Germany. Photographic objective comprising two outer positive single element members enclosing two meniscal shaped negative members. 2,672,788, Mar. 23.
- Breneman, Joseph C., to The Wooster Rubber Co. 2,697,525, Cl. 211—41.
- Brengle, Alfred S., to California Research Corp. 2,685,578, Cl. 260—96.5.
- Brengman, Fred C., assignor to Anchor Hocking Glass Corporation. 2,674,939, Cl. 101—35.
- Brennan, Charles J. 2,685,790, Cl. 68—191.
- Brennan, Elmer W., Carpentersville, assignor to The Pure Oil Company, Chicago, Ill. Lubricating compositions. 2,666,743, Jan. 19.
- Brennan, Elmer W., P. R. Chapman, and G. Wolfram, assignors to The Pure Oil Company. 2,678,937, Cl. 260—428.5.
- Brennan, Gerald L., to Warren Petroleum Corp. 2,683,552, Cl. 220—88.
- Brennan, Joseph B., Bratenahl, Ohio, assignor to E. D. McCurdy, trustee. Closure and terminal seal for electrolytic devices. 2,665,329, Jan. 5.
- Brennan, Joseph B., Cleveland, Ohio, assignor to E. D. McCurdy, as trustee. Closure, terminal, and mounting construction for electrolytic devices. 2,671,126, Mar. 2.
- Brennan, Joseph B., Cleveland, Ohio. Apparatus for spraying thermoplastic material. 2,673,121, Mar. 23.
- Brennan, Joseph B., Cleveland, Ohio. Battery separator. 2,673,230, Mar. 23.
- Brennan, Joseph B. 2,682,226, Cl. 103—38.
- Brennan, Joseph B. 2,691,208, Cl. 29—189.
- Brennan, Joseph B. 2,692,411, Cl. 22—200.1.
- Brennan, Joseph B. 2,697,671, Cl. 117—105.
- Brennan, Robert M. 2,683,623, Cl. 299—86.
- Brenneke, Arthur M., to Perfect Circle Corp. 2,689,773, Cl. 309—14.
- Brenneman, Albert E.: *See*—
Wilson, James A., and Brenneman. 2,685,199.
- Brenneman, Otto, assignee: *See*—
Rohrbach, Hans.
- Brenneman, Robert W., and E. and R. S. Jacobsen, to Lockheed Aircraft Corp. 2,685,936, Cl. 181—51.
- Brennen, Joseph B. 2,676,287, Cl. 317—230.
- Brenner, Al. 2,693,622, Cl. 20—42.
- Brenner, Al. 2,697,858, Cl. 20—62.
- Brenner, George M. 2,691,591, Cl. 99—28.
- Brenner, Millard M., S. S. Appleton, B. Lippel, and D. H. Hamsher, to the United States of America as represented by the Secretary of the Army. 2,685,054, Cl. 318—28.

- Brenner, Morris. 2,677,183, Cl. 33—67.
 Brenner, Mortimer W. 2,695,544, Cl. 88—14.
 Brenner, Orlestus R.: *See—*
 Lohman, Robert R., and Brenner. 2,689,916.
 Brenny, Stanley J. 2,683,639, Cl. 311—17.
 Brent, George D., and H. S. Fox, assignors to Westinghouse Electric Corporation. 2,677,035, Cl. 219—4.
 Breon, George A., and Co.: *See—*
 Goodson, Louis H., and Moffett. 2,691,680.
 Brereton, John G., F. A. Baldauskis, and D. H. Bornor, to National Dairy Research Laboratories, Inc. 2,682,467, Cl. 99—20.
 Brescka, Rudolph S., and H. H. Merwin, to Western Electric Co., Inc. 2,695,480, Cl. 51—145.
 Breslav, Jack, New Haven, Conn. Grapple. 2,670,983, Mar. 2.
 Breslow, Ben B., assignor to Utility Appliance Corp., Los Angeles, Calif. Hub to shaft connection. 2,669,471, Feb. 16.
 Breslow, Leon, to Slip-Proof Mfg. Corp. 2,691,172, Cl. 2—312.
 Bressler, Louis R., assignor to Stanley Home Products, Inc. 2,676,350, Cl. 15—167.
 Brestrup, Frederick B.: *See—*
 Russell, Harry J., Palumbo, and Brestrup.
 Breth, Walter J., assignor to The General Tire & Rubber Company, Akron, Ohio. Folding the ends of a fabric band over the end shoulders of a tire building drum. 2,669,281, Feb. 16.
 Bretschger, Max E.: *See—*
 Crewson, George G., and Bretschger. 2,684,889.
 Bretson, Waldo G., and H. B. Wistrand, to Minnesota Mining & Mfg. Co. 2,693,918, Cl. 242—55.5.
 Brett, Charles H., and E. M. Hodnett. 2,679,453, Cl. 71—2.5.
 Brettell, George A., Jr., Newark, N. J. Noninverting oscillator. 2,668,240, Feb. 2.
 Brettell, George A., Jr., to the United States of America as represented by the Secretary of the Navy. 2,692,377, Cl. 340—24.
 Bretz, Frank E., Jr., Oak Park, assignor to Ajax-Consolidated Company, Chicago, Ill. Hand brake for railway cars. 2,668,457, Feb. 9.
 Breul, Fredric W., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bound garment opening. 2,671,903, Mar. 16.
 Breunese, Bart. 2,677,934, Cl. 61—3.
 Brevard, Procter, Three Rivers, Mich. Igniter for pot type oil burners. 2,671,506, Mar. 9.
 Brevard, Procter. 2,685,920, Cl. 158—91.
 Brevettag Aktiengesellschaft, assignee: *See—*
 Boysen, Friedrich A.
 Brevets Aero-Mecaniques, S. A.: *See—*
 Maillard, Bernard. 2,697,381.
 Brew, Richard D., assignor to Richard D. Brew & Company, Inc., Belmont, Mass. Bonding system. 2,671,746, Mar. 9.
 Brew, Richard D., & Company, Inc., assignee: *See—*
 Brew, Richard D.
 Brewer, Claire N., assignor to Unitypo, Inc. 2,679,902, Cl. 164—113.
 Brewer, James A. 2,687,773, Cl. 161—7.
 Brewer, James C., to the United States of America as represented by the Secretary of the Air Force. 2,683,369, Cl. 73—228.
 Brewer, Jerome, to Midwest Research Institute. 2,682,636, Cl. 324—98.
 Brewer, Jerome, to Midwest Research Institute. 2,682,637, Cl. 324—122.
 Brewer, Leslie H., V. A. Stanley, and R. Puleston, to Electric & Musical Industries Ltd. 2,684,306, Cl. 117—33.5.
 Brewer, Nicholas L. 2,681,631, Cl. 114—207.
 Brewer, Richard S. 2,679,961, Cl. 224—42.22.
 Brewer, Robert F., Quakertown, Pa., assignor to Western Electric Company, Incorporated, New York, N. Y. Forming articles. 2,669,770, Feb. 23.
 Brewer, Sherman T., Chatham Township, Morris County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Marking and switching system. 2,668,195, Feb. 2.
 Brewer, Sherman T., to Bell Telephone Laboratories, Inc. 2,686,844, Cl. 179—81.
 Brewer, Sherman T., and E. Bruce, to Bell Telephone Laboratories, Inc. 2,686,837, Cl. 179—18.
 Brewer-Titchener Corp., The: *See—*
 Beane, Carson H. 2,688,237.
 Brewer, Walter B.: *See—*
 Smith, Milton D., and Brewer. 2,695,045.
 Brewer, Walter B., Jr., assignor to United States of America as represented by the Secretary of the Air Force. 2,678,214, Cl. 273—105.3.
 Brewster Company, The, assignee: *See—*
 Carmichael, James T.
 Brewster, Oswald C., Litchfield, Conn. Fluid pressure transmitter. 2,667,886, Feb. 2.
 Brewster, Oswald C., Litchfield, Conn. Pneumatic bore gauge. 2,669,864, Feb. 23.
 Brewster, Oswald C., Litchfield, Conn. Rolling-ball racing game. 2,670,206, Feb. 23.
 Breyer, Frank G., Wilton, Conn., and A. Delruelle, Trooz, Belgium, assignors to Singmaster & Breyer, New York, N. Y. Continuous production of metallic zinc from oxidic zinc ores. 2,668,760, Feb. 9.
 Breyer, Frank G., Wilton, Conn., and A. Delruelle, deceased, Trooz, Belgium; M. C. H. V. Delruelle, lawful heir of said A. Delruelle, assignors to Singmaster & Breyer. High temperature vaporization apparatus. 2,670,196, Feb. 23.
 Breyer Ice Cream Company, assignee: *See—*
 Tardiff, Ray O.
 Breyner, Charles N.: *See—*
 Jouk, Leon. 2,696,417.
 Breza, George, Pittsburgh, and F. B. Abramsen, Whitehall, assignors to The Mackintosh-Hemphill Company, Incorporated, Pittsburgh, Pa. Cross rolling machine. 2,670,780, Mar. 2.
 Brezin, Martin, Munhall, Pa., assignor to United States Steel Corporation. Rolling mill roll and composition thereof. 2,673,147, Mar. 23.
 Brice, Sam, assignor of one-half to T. J. McMahon, Spokane, Wash. Electric motor. 2,670,449, Feb. 23.
 Bricono, Manuel. 2,693,609, Cl. 15—103.
 Brichard, Edgard: *See—*
 Henry, Georges, and Brichard. 2,691,247.
 Brichard, Edgard, to Union des Verreries Mecaniques Belges S. A. 2,693,052, Cl. 49—17.
 Bricker, Carl E., and M. I. Curl, to The Goodyear Tire & Rubber Co. 2,698,021, Cl. 137—48.
 Bricker, John P. 2,697,574, Cl. 248—149.
 Brickman, Alan E., assignor to United States Steel Corporation. 2,674,164, Cl. 94—8.
 Brickman, Alan E., assignor to United States Steel Corporation. 2,680,273, Cl. 24—73.
 Brickman, Alan E., to United States Steel Corp. 2,691,900, Cl. 74—501.
 Bride, John E.: *See—*
 Snavelly, Cloyd A., Faust, and Bride. 2,693,444.
 Bridge, Adam E., and A. G. Gibson, to The Black-Clawson Co. 2,686,460, Cl. 92—27.
 Bridge, Rex, to J. Paiement. 2,693,890, Cl. 214—82.
 Bridge, William O., Detroit, assignor to Evans Products Company, Plymouth, Mich. Trailer for carrying general freight and automobiles. 2,668,734, Feb. 9.
 Bridgeport Brass Co.: *See—*
 Both, Tonjes A. C. 2,695,814.
 Efford, John T., and Tuttle. 2,691,466.
 Morton, Lester C., and Mottram. 2,689,075.
 Peltz, Gordon M. 2,695,766.
 Tuttle, Wainwright. 2,681,252.
 Bridger Ski Lift, Incorporated, assignee: *See—*
 Hauseman, Marilyn J. 2,677,331.
 Bridges, Donald E.: *See—*
 O'Brien, William J., Bridges, Hendley, Easy, and Vickers. 2,690,559.
 Bridges, Jack E.: *See—*
 Adler, Robert, and Bridges. 2,678,413.
 Bridgewater Machine Tool Co., assignee: *See—*
 Euechler, Frank A.
 Bridgman, George A., assignor to Cutler Mail Chute Company, Rochester, N. Y. Mail chute lock. 2,668,434, Feb. 9.
 Bridwell, Gail L. 2,695,159, Cl. 256—19.
 Bridy, Victor M., assignor of fifty percent to W. J. Costa, Atlas, Pa. Sliding envelope opener. 2,672,933, Mar. 23.
 Bried, Julien A. 2,691,373, Cl. 128—239.
 Brieghel-Müller, Arne V. 2,697,049, Cl. 127—50.
 Brien, Bailey P. 2,676,438, Cl. 51—176.
 Brierley, Paul, to Dunlop Rubber Co. Ltd. 2,692,485, Cl. 64—14.
 Brierley, Ruth D. 2,686,913, Cl. 2—111.
 Brierly, Ralph C. 2,676,650, Cl. 158—99.
 Brierly, Ralph C. 2,682,148, Cl. 60—39.65.
 Briers, Greville M., assignor of 1/2 to L. V. Granger. 2,679,356, Cl. 235—61.
 Brietzke, Adrian P., to Northern Engraving & Mfg. Co. 2,685,227, Cl. 88—26.
 Briffard, Henri: *See—*
 Masson, Emile, and Briffard.
 Briggs, Ben T., and P. H. Schlosser, to Rayonier Inc. 2,683,710, Cl. 260—233.
 Briggs, Frederick J., to Dapag (1943) Ltd. 2,694,974, Cl. 101—228.
 Briggs, George L.: *See—*
 Ghersin, Ralph N., and Briggs.
 Briggs, Howard B., to Bell Telephone Laboratories, Inc. 2,692,952, Cl. 250—83.3.
 Briggs, Howard B., J. R. Haynes, and W. Shockley, to Bell Telephone Laboratories, Inc. 2,683,794, Cl. 219—34.
 Briggs, Leland G., to Ray-O-Vac Co. 2,689,877, Cl. 136—111.
 Briggs Mfg. Co.: *See—*
 Butler, Roy T. 2,693,381.
 Brill, Herbert C. 2,680,645.
 Doty, Clifford B., and Vigmostad.
 Hosking, Thomas W. 2,680,647.
 Kerby, Addison C. 2,680,250.
 Lijjynen, Fred.
 Lijjynen, Fred. 2,684,313.
 Lijjynen, Fred. 2,684,320.
 Lijjynen, Fred. 2,693,221.
 Lijjynen, Fred, and Rengert. 2,674,488.
 McKittrick, Edward R. 2,680,368.
 Vigmostad, Trygve. 2,674,480.
 Vigmostad, Trygve. 2,677,146.
 Vigmostad, Trygve. 2,680,639.
 Vigmostad, Trygve. 2,693,099.

- Briggs, Richard S., to Bomac Laboratories Inc. 2,684,886, Cl. 316—19.
- Briggs, Robert E. 2,681,885, Cl. 204—151.
- Briggs, Rollin H.: *See*—
Robinson, Harold A., and Briggs.
- Briggs, Southwick W., Washington, D. C. Filter and adsorber for fluid treatment. 2,669,318, Feb. 16.
- Briggs, Stanford W., Westfield, R. G. Denkwalter, Plainfield, and G. B. Hughey, Metuchen, assignors to Merck & Co., Inc., Rahway, N. J. Vitamin B₁₂ elution from charcoal. 2,668,137, Feb. 2.
- Briggs & Stratton Corp.: *See*—
Brown, Hugh S.
Jacobi, Edward N. 2,677,261.
Jacobi, Edward N. 2,680,965.
Jacobi, Edward N. 2,683,978.
Jacobi, Edward N. 2,687,637.
Jacobi, Edward N. 2,690,071.
Jacobi, Edward N. 2,695,932.
Jacobi, Edward N. 2,696,399.
Lechtenberg, Leo J. 2,693,789.
Lechtenberg, Leo J. 2,693,791.
Madlè, Alain M. 2,696,567.
- Briggs, Walter S. 2,690,661, Cl. 66—191.
- Briggs, Walton E.: *See*—
Taylor, Clement F., Briggs, and Weary.
- Bright, Samuel: *See*—
Boeye, Paul F., and Bright. 2,691,480.
- Bright, Samuel F.: *See*—
McClellan, Marcus E., Skromme, Manns, and Bright.
- Bright, Thomas J. R., Blackdown, near Leamington Spa, England. Draught excluding strip. 2,664,602, Jan. 5.
- Bright, Warren E., and V. A. Hart. 2,680,530, Cl. 214—83,26.
- Bright, Wilfred, assignor, by mesne assignments, to Willys Motors, Inc., Toledo, Ohio. Pivoted mounting and support for closures. 2,671,928, Mar. 16.
- Bright, Wilfred, to Willys Motors, Inc. 2,682,427, Cl. 296—44.
- Bright, Willard M., to The Kendall Co. 2,695,251, Cl. 117—103.
- Brightwater Paper Company, assignee: *See*—
Constance, Joseph A. 2,676,119.
- Brignall, Clarence R., to Sevenstrand Tackle Mfg. Co. 2,683,306, Cl. 29—505.
- Brill, Herbert C., assignor to Briggs Manufacturing Company. 2,680,645, Cl. 296—28.
- Brill, Irwin. 2,679,842, Cl. 128—134.
- Brill, Peter A., and G. E. McLaughlin, assignors to The Turner Tanning Machinery Company. 2,674,114, Cl. 69—42.
- Brill, William E.: *See*—
Hovde, Arne J., and Brill.
- Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Crankshaft thrust bearing oil seal. 2,665,955, Jan. 12.
- Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Cylinder-to-crankcase bolted connection. 2,672,848, Mar. 23.
- Brill, William E., to General Motors Corp. 2,681,838, Cl. 308—240.
- Brill, William E., to General Motors Corp. 2,688,316, Cl. 123—41,86.
- Brill, William E., A. H. Glasenapp, and D. J. Watt, to General Motors Corp. 2,698,013, Cl. 123—195.
- Brimhall, Rulon W., Pleasant Grove, Utah. Nail feeder. 2,666,917, Jan. 26.
- Brinen, Howard F., and F. M. Young, assignors to Young Radiator Company. 2,677,394, Cl. 138—38.
- Brinen, Howard F. and P. F., to Young Radiator Co. 2,695,160, Cl. 257—46.
- Brinen, Paul F.: *See*—
Brinen, Howard F. and P. F. 2,695,160.
- Briney, James W.: *See*—
Briney, Ottis R., Jr. 2,693,965.
- Briney, Ottis R., Jr., 1/2 to J. W. Briney. 2,693,965, Cl. 279—6.
- Bringolf, Richard G., assignor, by mesne assignments, to Callahan Zinc-Lead Company. 2,674,296, Cl. 154—7.
- Bringolf, Richard G., assignor, by mesne assignments, to Callahan Zinc-Lead Company. 2,674,298, Cl. 154—8.
- Brink, Frank, and J. E. Star, Corsica, S. Dak. Posthole boring machine. 2,663,116, Jan. 5.
- Brink, Harold S. 2,677,413, Cl. 155—198.
- Brink, Robert M., and K. J. Chichester, to Deering Milliken Research Trust. 2,685,960, Cl. 203—220.
- Brink, Theodore R., Michigan City, Ind., G. D. Beaudry, and J. T. Longdon, Chicago, Ill., assignors to International Harvester Company. Apparatus for feeding individual bearings from a stack of bearings. 2,670,858, Mar. 2.
- Brinker, Emil M.: *See*—
Jack, William R., and Brinker. 2,681,574.
- Brinkley, James L., 1/2 to A. Bettis, and 1/2 to J. R. Gould. 2,692,734, Cl. 241—274.
- Brinkley, James R. 2,678,574, Cl. 81—39.
- Brinkoeter, Paul H., assignor to Ed Friedrich, Inc., San Antonio, Tex. Open front refrigerator having condensation preventing means. 2,673,455, Mar. 30.
- Brinnick, Frederic E., to S. D. Warren Co. 2,692,827, Cl. 95—5,4.
- Brinson, Leon G., and B. Spencer, Jr. 2,691,522, Cl. 267—60.
- Brisack, Allen G., to Northrop Aircraft, Inc. 2,688,497, Cl. 285—38.
- Brisack, Allen G., to Northrop Aircraft, Inc. 2,697,375, Cl. 85—40.
- Briscoe, Ernest V., Kerman, Calif. Lister unit for ditchers. 2,668,376, Feb. 9.
- Briscoe, Ernest V., Kerman, Calif. Adjustable wing unit for ditcher blades. 2,673,409, Mar. 30.
- Briscoe, William F. R.: *See*—
Hulswit, William H., Jr., Briscoe, and Berry.
- Briscoe, William F. R., A. W. Bull, and W. H. Hulswit, Jr., to United States Rubber Co. 2,693,005, Cl. 18—38.
- Brister, Paul M.: *See*—
Loughin, Paul R., Brister, and Woolley.
- Bristol Aeroplane Co. Ltd., The: *See*—
Grinyer, Charles A. 2,683,493.
Lewis, Gordon M. 2,696,712.
Marchant, Francis C. I. 2,676,459.
Marchant, Francis C. I. 2,696,268.
Marchant, Francis C. I., and Lewis. 2,696,711.
Marchant, Francis C. I., Bell, and Hooker. 2,696,348.
Massey, Bernard S., Bush, and Howarth. 2,696,975.
Owner, Frank M., and Marchant.
Stanton, Frances P. 2,678,542.
Whitehead, Frederick W. 2,681,500.
- Bristol, Carlton W., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Apparatus for measuring absolute pressure. 2,664,917, Jan. 5.
- Bristol Co., The: *See*—
Blakeslee, Clinton A., and Jacobson.
- Bristol, Carlton W.
Brookfield, Donald W. 2,679,750.
Burrows, Philip R. 2,683,203.
Dion, Warren E., Don, and Maltby. 2,691,889.
Kelley, Joseph B., and Maltby. 2,677,094.
Maltby, Frederick L. 2,677,093.
Maltby, Frederick L., and Kelley. 2,677,095.
- Bristol, Edward S., assignor to Leeds and Northrup Company. 2,679,979, Cl. 236—14.
- Bristol, Edward S., to Leeds and Northrup Co. 2,681,418, Cl. 290—2.
- Bristol Laboratories Inc.: *See*—
Buckwalter, Frank H. 2,690,414.
Buckwalter, Frank H., and Granatek. 2,682,538.
Buckwalter, Frank H., and Granatek. 2,682,539.
Buckwalter, Frank H., and Granatek. 2,682,540.
Cheney, Lee C. 2,681,909.
Copper, Douglas E., and Cheney. 2,688,618.
Granatek, Alphonse P., and Boyle. 2,681,906.
Muir, Robert D., and Hatch. 2,682,493.
Wheatley, William B. 2,681,933.
Wheatley, William B., and Alberi. 2,682,537.
- Bristol Manufacturing Corporation, assignee: *See*—
Laird, Hugh M., and Campagna. 2,680,310.
- Brite, Leigh A.: *See*—
Gaul, Edward R., II, and Brite. 2,690,475.
- Brite Mfg. Co.: *See*—
Harrison, George. 2,693,626.
- Brite-Lite Corp. of America: *See*—
Myers, John P., and Porter. 2,695,379.
- British Acoustic Films Limited, assignee: *See*—
Kolb, Otto K., and Petersen. 2,677,728.
- British Celanese Ltd.: *See*—
Allan, John, and Thomas.
Bate, Stanley C., Peach, and Rogerson.
Ewing, Henry, and Blackmore. 2,681,446.
Fisher, James W., and Wheatley. 2,677,877.
Fisher, Walter J., and Eccles.
Flanagan, Bernard J., and Mulhall. 2,697,928.
Groombridge, Walter H., Bates, and Fisher. 2,680,693.
Hampson, Noel A., Downing, and Drewitt. 2,679,450.
Hampson, Noel A., Downing, and Drewitt. 2,679,492.
Hawkes, John A., and Billing. 2,686,102.
Johnson, Edgar B., and Webster. 2,687,944.
Kowolik, Ernest J., Downing, and Drewitt. 2,697,698.
Lincoln, James. 2,684,281.
Lincoln, James. 2,692,248.
Lincoln, James. 2,692,249.
Massey, Kenneth, and Patchett.
Olpin, Henry C., and Jackson. 2,686,707.
Taylor, Matthew M. 2,695,440.
Upton, Edward J., and Ottewill. 2,693,008.
Walker, Eric E., Mann, and Levers. 2,675,337.
Wheatley, Edward W., and Fisher. 2,688,011.
- British Cellophane Ltd.: *See*—
Berry, William, Oswin, and Boyd. 2,684,919.
- British Cotton Industry Research Assn., The: *See*—
Davies, Frank. 2,683,471.
Moseley, John F., and Davies. 2,681,666.
- British Drug Houses Ltd., The: *See*—
Jenner, George T. 2,685,366.
- British Duplex Seals Ltd., assignee: *See*—
Keller, Bernhard. 2,679,998.
- British Fibrak Separator Co. Ltd., The: *See*—
Booth, Frank.
Booth, Frank. 2,683,400.
- British Industrial Plastics Limited, assignee: *See*—
Groves, Walter R. 2,680,447.

- British Insulated Callender's Cables Ltd.: *See*—
 Conning, James. 2,676,389.
 Latin, Aubrey. 2,674,373.
 Packer, Johnson L., and Grieve.
 Reed, Neville S. 2,689,039.
 Richardson, Arthur B. F. G., Tunnickliff, and Fisher.
 2,678,838.
 Richardson, Arthur B. F. G., Tunnickliff, and Fisher.
 2,678,839.
 Robson, Briton S.
 Spencer, James A. 2,686,359.
 Ward, George R. 2,678,986.
 British Iron and Steel Research Assn., The: *See*—
 Burns, Charles, and Carlisle.
 Hessenberg, Wilfrid C. F., and Sims. 2,680,976.
 Hessenberg, Wilfrid C. F., and Sims. 2,680,978.
 British Messier Limited, assignee: *See*—
 Conway, Hugh G.
 British Oxygen Co. Ltd., The: *See*—
 Cockett, Alfred H. 2,680,968.
 Ellinger, Leo P. 2,683,750.
 Schufftan, Paul M.
 British Resin Products Limited, assignee: *See*—
 Evans, Edward M., and Whitney.
 British Tabulating Machine Co. Ltd., The: *See*—
 Booth, Andrew D. 2,680,819.
 Keen, Harold H. 2,679,797.
 Keen, Harold H. 2,694,758.
 Rigby, Ivor V. 2,688,665.
 British Telecommunications Research Ltd.: *See*—
 Thomas, Arthur. 2,686,849.
 British Thomson-Houston Co. Ltd., The: *See*—
 Melville, William S. 2,689,311.
 McDonald, Duncan. 2,682,168.
 British Vacuum Cleaner and Engineering Company Limited, The, assignee: *See*—
 Wright, Robert D. H. 2,679,448.
 Brittain, Richard J., Jr., assignor to General Motors Corporation. 2,676,854, Cl. 308—41.
 Brittain, Richard J., Jr., Berkeley Heights, and C. W. Kien, Scotch Plains, N. J., assignors to General Motors Corporation, Detroit, Mich. Journal box. 2,672,382, Mar. 16.
 Britton, Brigham, and W. S. Prendergast, to Carlon Products Corp. 2,690,806, Cl. 166—42.
 Britton, Charles F., and J. E. Harrier. 2,687,718 Cl. 128—36.
 Britton, Edgar C.: *See*—
 Petrie, Peter S., and Britton. 2,694,087.
 Britton, Edgar C., and J. D. Head, assignors to The Dow Chemical Company. 2,676,189, Cl. 260—600.
 Britton, Frances R.: *See*—
 Baumgartner, Eric A. 2,696,973.
 Britton, Robert E., assignor of $\frac{1}{2}$ to F. G. Filippi. 2,676,753, Cl. 230—45.
 Britton, Sylvester C.: *See*—
 Schirmer, Robert M., Quigg, and Britton. 2,688,840.
 Britton, Sylvester C., and R. M. Schirmer, to Phillips Petroleum Co. 2,683,961, Cl. 60—35.6.
 Brixius, Jacob K., and C. W. Savitz, assignors to Air-Maze Corporation. 2,675,091, Cl. 183—7.
 Brixner, Berlyn, Los Alamos, N. Mex., assignor to the United States of America as represented by the United States Atomic Energy Commission. Continuous recording high speed frame camera. 2,668,473, Feb. 9.
 Brixner, Frederick W., to General Railway Signal Co. 2,690,238, Cl. 188—62.
 Broad, Walter A., to H. J. Elliott Ltd. 2,691,892, Cl. 73—371.
 Broadie, Alfred D., and G. D. Hoyal, Amarillo, Tex. Folding high chair. 2,666,475, Jan. 19.
 Broadway, Leonard F., Ickenham, assignor to Electric & Musical Industries Limited, Hayes, England. Electron discharge device having cavity resonator. 2,668,258, Feb. 2.
 Broadway, Samuel G., Columbia, Tenn. Safety device for hydraulic brakes. 2,669,843, Feb. 23.
 Broadwell, William C., to Assembled Products Inc. 2,686,619, Cl. 223—49.
 Broberg, Georg K. J., Solna, assignor to AB Svenska Fläktfabriken, Stockholm, Sweden. Fastening workpieces to metal plates. 2,673,390, Mar. 30.
 Broberg, Karl J. G., to AB Svenska Fläktfabriken. 2,687,686, Cl. 98—110.
 Broberg, Walter O. W.: *See*—
 Vigren, Sten D., Broberg, and Zander. 2,693,554.
 Brochstein, Isaac S. 2,678,793, Cl. 248—243.
 Brock, Edward P., Melrose, Mass. Boiler blow-off and sewer protection. 2,664,909, Jan. 5.
 Brock, Harold L., to Ford Motor Co. 2,683,382, Cl. 74—533.
 Brock, Harold L., Detroit, and J. R. Stevenson, Ann Arbor, assignors to Ford Motor Company, Dearborn, Mich. Transmission control. 2,667,082, Jan. 26.
 Brock, Harold L., Detroit, and J. R. Stevenson, Ann Arbor, assignors to Ford Motor Company, Dearborn, Mich. Transmission. 2,669,880, Feb. 23.
 Brock, John E., Fairmont, and D. Zanotti, Morgantown, W. Va., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lamp holder. 2,670,115, Feb. 23.
 Brock, John M., Millwood, Wash. Mobile workbench. 2,672,349, Mar. 16.
 Brock, John W. 2,680,006, Cl. 255—33.
 Brock, Leonard L., Jr. 2,694,400, Cl. 131—237.
 Brock, Lynmar. 2,688,430, Cl. 229—14.
 Brock, Margaret M. 2,682,978, Cl. 223—89.
 Brock, Maurice C., to Houston Oil Field Material Co., Inc. 2,695,632, Cl. 138—90.
 Brock, Norbert, Brackwede, E. Kúhas, Gadderbaum, and M. Schmeisser, Munich, assignors to Asta-Werke Aktiengesellschaft, Chemische Fabrik, Brackwede, Westphalia, Germany. N-alkylation of phenylaminoacetic acid esters. 2,665,300, Jan. 5.
 Brock & Rankin, Inc., assignee: *See*—
 Hildmann, William B.
 Brock, Paul P., Gillespie, Ill. Fishing accessory. 2,673,416, Mar. 30.
 Brock, Peter R., and S. T. Druckenmiller, to E. I. du Pont de Nemours & Co. 2,694,197, Cl. 1—11.
 Brockmann, Hans, and A. Bohne, to Schenley Industries, Inc. 2,693,433, Cl. 167—65.
 Brockmole, Alvin J., deceased (by E. M. Brockmole, executrix). 2,694,135, Cl. 219—34.
 Brockmole, Eve M.: *See*—
 Brockmole, Alvin J. 2,694,135.
 Brockway, Charles E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing alkyl esters of acrylic acids. 2,666,782, Jan. 19.
 Brockway, George R. 2,687,589, Cl. 40—28.
 Brockway Glass Company, Inc., assignee: *See*—
 Poole, James P. 2,679,749.
 Brockway, Murillo M., Glendale, Calif. Window well construction for automobiles. 2,668,735, Feb. 9.
 Brodbeck, Almer H., Webster Groves, assignor to Magic Chef, Inc., St. Louis, Mo. Food conditioner for cooking ranges. 2,666,837, Jan. 19.
 Brodbeck, Almer H., to Magic Chef, Inc. 2,682,263, Cl. 126—41.
 Broden, Edwin N., to The Firestone Tire & Rubber Co. 2,685,926, Cl. 164—65.
 Broden, Edwin N., to The Firestone Tire & Rubber Co. 2,696,883, Cl. 164—69.
 Broder, Jacob D. 2,690,465, Cl. 136—153.
 Broderick, Aubrey E., to Union Carbide and Carbon Corp. 2,682,535, Cl. 260—231.
 Broderick, Aubrey E., and C. R. W. Morison, to Union Carbide and Carbon Corp. 2,689,863, Cl. 260—468.
 Broderick, John J.: *See*—
 Berlyn, Martin J., and Broderick. 2,679,805.
 Broderon, Charles K., assignor to Shell Development Company. 2,674,880, Cl. 73—207.
 Broderson, Neil O. 2,690,741, Cl. 123—30.
 Brodhacker, John W., U. S. Navy, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Noncaking feed supplement. 2,665,209, Jan. 5.
 Brodhacker, John W., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Model engine fuel. 2,673,793, Mar. 30.
 Brodick, Benjamin. 2,674,244, Cl. 128—107.
 Brodie, George H., to International Telephone and Telegraph Corp. Re. 23,854, Cl. 179—170.
 Broding, Robert A.: *See*—
 Summers, Gerald C., and Broding. 2,691,422.
 Brodrick, Charles I.: *See*—
 Short, Wallace F., Brodrick, and Donaldson. 2,683,711.
 Brodtmann, Walter B. 2,681,237, Cl. 282—29.
 Brody, David, assignor to Van Brode Milling Co., Inc., Clinton, Mass. Fuel packages. 2,666,695, Jan. 19.
 Brody, David, and S. Coleman, assignors to Van Brode Milling Co., Inc. 2,676,348, Cl. 15—105.
 Brody, Frederick: *See*—
 Long, Robert S., and Brody. 2,679,499.
 Brody, Frederick, to American Cyanamid Co. 2,688,616, Cl. 260—249.5.
 Brody, Frederick, to American Cyanamid Co. 2,690,437, Cl. 260—153.
 Brody, Frederick, to American Cyanamid Co. 2,694,713, Cl. 260—279.
 Brody, Frederick, to American Cyanamid Co. 2,694,714, Cl. 260—287.
 Brody, Frederick, and R. S. Long, to American Cyanamid Co. 2,695,298, Cl. 260—305.
 Brody, Nathan, assignor of one-third to H. B. Hass, Forest Hills, and one-third to G. L. Tone, Scarsdale, N. Y. Clamping device. 2,670,735, Mar. 2.
 Broekhuysen, William C., to American Machine & Foundry Co. 2,692,140, Cl. 273—43.
 Broekhuysen, William C., Garden City, E. E. Pohl, Elmhurst, N. Y., and F. J. Roehm, Newark, N. J., assignors to American Machine & Foundry Company. Registration device. 2,667,020, Jan. 26.
 Broekhuysen, William C., Garden City, and J. W. Warren, New York, N. Y., assignors to American Machine & Foundry Company. Cigarette rod condition measuring and indicating. 2,667,172, Jan. 26.
 Brofelth, Gustaf E., Halmstad, Sweden. Straightening mechanism for round bars. 2,670,781, Mar. 2.
 Brogan, Emmett V.: *See*—
 Cutliff, Norman J., and Brogan.
 Brogdon, Harold F.: *See*—
 Jones, John P., and Brogdon.
 Broge, Edward C., assignor to E. I. du Pont de Nemours and Company. 2,680,696, Cl. 117—100.
 Broge, Edward C., and R. K. Iler, assignors to E. I. du Pont de Nemours & Company. 2,680,677, Cl. 23—301.

- Broge, Edward C., and R. K. Her, assignors to E. I. du Pont de Nemours and Company. 2,680,721, Cl. 252—313.
- Broido, Daniel. 2,674,408, Cl. 235—60.
- Broido, Jacques. 2,696,751, Cl. 88—18.4.
- Broken Hill Associated Smelters Proprietary Limited, The, assignee: *See*—
- Burrow, William R., and Middlin.
- Broman, Bror O., Stora Essingen, assignor to Aktiebolaget A. Ekstroms Maskinaffar, Stockholm, Sweden. Apparatus for cleaning gas swept heating surfaces. 2,665,118, Jan. 5.
- Broman, Bror O., Stora Essingen, Stockholm, Sweden. Method and apparatus for cleaning gas-swept heating surfaces. 2,665,119, Jan. 5.
- Broneer, Oscar T. 2,695,026, Cl. 129—16.
- Broner, Paul E. 2,697,845, Cl. 14—45.
- Bronk, Fay E., to Ritter Co., Inc. 2,681,408, Cl. 219—39.
- Bronk, Fay E., to Ritter Co., Inc. 2,690,945, Cl. 312—22.
- Bronk, Fay E., to Ritter Co., Inc. 2,698,156, Cl. 249—58.
- Bronson, George E.: *See*—
- Dahlstrom, Roy, and Bronson.
- Bronson, Robert U. 2,690,367, Cl. 311—84.
- Bronson, Winthrop F.: *See*—
- Robinson, Francis E., and Bronson. 2,694,643.
- Bronstein, Jesse B., to Trojan Powder Co. 2,682,477, Cl. 106—36.
- Bronstein, Jesse B., Jr., to Trojan Powder Co. 2,683,164, Cl. 260—467.
- Bronstien, Edward L., to United States Bedding Co. 2,688,757, Cl. 5—278.
- Bronzo, Frank A., assignee: *See*—
- Whalen, John N.
- Brook, Leonard, assignor to The Forgrove Machinery Company Limited. 2,676,441, Cl. 53—41.
- Brook, Leonard, assignor to The Forgrove Machinery Company Limited. 2,679,765, Cl. 74—470.
- Brooke, Jesse M.: *See*—
- O'Neil, John P., and Brooke. 2,678,954.
- Brooke, Jesse M., to Phillips Petroleum Co. 2,698,224, Cl. 23—288.
- Brooker, Leslie G. S.: *See*—
- Heseltine, Donald W., and Brooker.
- Van Lare, Earl, and Brooker. 2,691,652.
- Brooker, Leslie G. S., to Eastman Kodak Co. 2,689,849, Cl. 260—240.6.
- Brookes, Dennis W.: *See*—
- Bloedel, Prentice, Hansel, Riches, and Brookes. 2,675,255.
- Brookfield, Donald W., assignor to The Bristol Company. 2,679,750, Cl. 73—59.
- Brooks, Benjamin T., assignor to Glycerine Corporation of America, Inc. 2,680,703, Cl. 195—38.
- Brooks, E. J., Co.: *See*—
- Moberg, Sigurd M. 2,686,379.
- Brooks, Winfred M.
- Brooks, Edward H., Jr., 50% to E. H. Thompson. 2,683,365, Cl. 68—158.
- Brooks, Frank W., to General Motors Corp. 2,695,078, Cl. 188—79.5.
- Brooks, George W., assignor to Belmont Throwing Company. 2,679,739, Cl. 66—180.
- Brooks, John W., and S. L. Meisel, assignors to Socony-Vacuum Oil Company, Incorporated. 2,675,373, Cl. 260—139.
- Brooks, Joseph H.: *See*—
- Baker, Harold E., and Brooks.
- Brooks, Joseph H., West Peabody, assignor to Sylvania Electric Products Inc., Salem, Mass. Article transfer apparatus. 2,665,814, Jan. 12.
- Brooks, Linzy W. 2,697,370, Cl. 81—58.
- Brooks, Lorimer P. 2,684,244, Cl. 272—8.
- Brooks, Marvin C., Packanack Lake, and E. C. Ladd, Pas-saic, N. J., assignors to United States Rubber Company, New York, N. Y. Compounding butyl rubber. 2,665,264, Jan. 5.
- Brooks, Marvin C., and R. H. Ewart, assignors to United States Rubber Company. 2,680,124, Cl. 260—448.8.
- Brooks, Robert A., to E. I. du Pont de Nemours and Co. 2,681,348, Cl. 260—314.5.
- Brooks, Robert C., to Cameron Iron Works, Inc. 2,683,045, Cl. 285—22.
- Brooks, Robert J., to Geo. W. King Ltd. 2,688,935, Cl. 104—104.
- Brooks, Robert J., to Geo. W. King Ltd. 2,688,936, Cl. 104—104.
- Brooks, Robert M., assignor to Hercules Powder Company. 2,678,310, Cl. 260—220.
- Brooks, Winfred M., West Orange, assignor to E. J. Brooks Company, Newark, N. J. Bag seal. 2,669,476, Feb. 16.
- Brookshire, Levi B.: *See*—
- Oates, Charles E., and Brookshire. 2,684,216.
- Broomell, George L., Jr., and C. E. Miller, assignors to Leeds and Northrup Company. 2,678,422, Cl. 324—99.
- Brophy, James N., assignor, by mesne assignments, to R. C. Brophy, Wakefield, Mass. Fish scaling machine. 2,664,591, Jan. 5.
- Brophy, John J., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Stiffening portion of shoes. 2,670,483, Mar. 2.
- Brophy, John J., and R. R. Perron, Salem, Mass., as-signors to United Shoe Machinery Corporation, Flemington, N. J. Adhesive bonding processes. 2,668,133, Feb. 2.
- Brophy, Ruth C., assignee: *See*—
- Brophy, James N.
- Brosious, Malcolm J.: *See*—
- Ewing, John F., Brosious, and Barber. 2,685,971.
- Broske, William F.: *See*—
- Kerchner, Jay R., and Broske. 2,693,216.
- Brosky, Stanley J., assignor to American Can Company. 2,680,551, Cl. 226—88.
- Brosseau, Don A.: *See*—
- Smith, William M., Freeberg, and Brosseau. 2,679,343.
- Brothers, George R., Jr., to The Lerio Corp. 2,682,970, Cl. 220—44.
- Brotsky, Abraham. 2,683,787, Cl. 200—115.5.
- Broughton, Arthur E., Glens Falls, N. Y. Spray nozzle. 2,665,946, Jan. 12.
- Broughton, Douglas J., assignor to Buxton, Incorporated. 2,675,043, Cl. 150—38.
- Brouillard, Robert E., Westfield, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Prepar-ing metal phthalocyanines. 2,673,854, Mar. 30.
- Brouillette, Orice J., Galesburg, Ill. Bed patient elevator. 2,668,301, Feb. 9.
- Broussard, Douglas E.: *See*—
- McKinney, Howard E., and Broussard. 2,677,427.
- Broussard, Robert F., to Miller Meters, Inc. 2,685,953, Cl. 194—72.
- Broussard, Robert F., H. J. Miller, and L. D. Sollenberger, to Miller Meters, Inc. 2,695,090, Cl. 194—72.
- Brouwer, Pieter H. J., to Hartford National Bank and Trust Co., trustee. 2,695,370, Cl. 310—152.
- Broverman, Michael, to General Electric Co. 2,695,401, Cl. 340—222.
- Brow, Chester W., Whitman, Mass. Exposure meter for movie cameras. 2,669,155, Feb. 16.
- Brown, A. P.: *See*—
- Manthey, Louis R. 2,686,964.
- Brown, Albert A.: *See*—
- Hedgren, Arthur W., and Brown. 2,696,281.
- Brown, Albert M., and G. D. Stibbe, to G. Stibbe & Co. Ltd. 2,691,285, Cl. 66—140.
- Brown, Albert M., and G. D. Stibbe, to G. Stibbe & Co. Ltd. 2,697,337, Cl. 66—56.
- Brown, Alfred E.: *See*—
- Harris, Milton, and Brown. 2,685,496.
- Brown, Alfred E., to The Gillette Co. 2,688,972, Cl. 132—7.
- Brown, Alfred G., Minneapolis, Minn. Ice-cream scoop. 2,669,194, Feb. 16.
- Brown, Alfred S., and T. W. Terwilliger, to Skenandoo Rayon Corp. 2,690,375, Cl. 8—155.1.
- Brown, Amon H.: *See*—
- Feeney, Robert E., Brown, and MacDonnell.
- Brown, Andrew, and D. A. Tomlin, to International Stand-ard Electric Corp. 2,696,553, Cl. 246—134.
- Brown, Archer W.: *See*—
- Potter, Kenneth F., and Brown. 2,689,655.
- Brown, Arthur E. 2,690,869, Cl. 230—150.
- Brown, Arthur E. 2,698,394, Cl. 310—112.
- Brown, Arthur G.: *See*—
- Silverstein, Robert M., Brady, and Brown. 2,686,766.
- Brown, Arthur S., to Acragage Co. 2,693,896, Cl. 220—44.
- Brown & Bigelow: *See*—
- Felt, Paul W. 2,687,756.
- Gordenier, Robert E. 2,682,806.
- Gruber, Francis E. 2,695,508.
- Laidlaw, Howard G. 2,674,288.
- Martin, Richard H., and Kelley. 2,674,032.
- Olson, John J. 2,683,946.
- Stageberg, Wilfred E. 2,683,979.
- Stageberg, Wilfred E. 2,694,242.
- Brown-Bridge Mills, Inc., The, assignee: *See*—
- Holt, Frederick W., Jr. 2,678,284.
- Brown-Brockmeyer Co., The: *See*—
- Brown, Steffen S. 2,685,667.
- Brown Brothers & Co., Limited, assignee: *See*—
- Mitchell, Colin C. 2,675,284.
- Brown, Carl D., assignee: *See*—
- Hamilton, William R.
- Brown, Charles: *See*—
- Hood, Myron E. 2,696,217.
- Brown, Charles K., Jr., and G. C. Smith, to R. E. John-son. 2,681,171, Cl. 226—14.
- Brown, Charles R., Glen Mills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Fuel vapor-izer system for combustion chambers. 2,672,727, Mar. 23.
- Brown, Cicero C., assignee: *See*—
- Potts, Ernest L. 2,675,875.
- Brown, Cicero C. 2,674,315, Cl. 166—11.
- Brown, Cicero C. 2,678,806, Cl. 255—27.
- Brown, Cicero C. 2,683,490, Cl. 166—131.
- Brown, Cicero C. 2,684,119, Cl. 166—128.
- Brown, Cicero C. 2,684,120, Cl. 166—173.
- Brown, Cicero C., and E. L. Potts; said Potts assor, to said Brown. 2,698,054, Cl. 166—21.
- Brown Citrus Machinery Corp.: *See*—
- Harden, Carl.
- Harden, Carl. 2,686,541.
- Harden, Carl. 2,686,591.
- Brown, Clarence A., and C. N. 2,677,403, Cl. 146—78.
- Brown, Clarence J.: *See*—
- Schwanda, Theodore F., and Brown. 2,696,094.

- Brown, Clarence N.: *See*—
Brown, Clarence A. and C. N. 2,677,403.
- Brown, Cleo J.: *See*—
Shooltz, Alwin F., Brown, and Snow. 2,688,496.
- Brown, Clinton B. D.: *See*—
Slason, Frank K. 2,675,217.
Slason, Frank K. 2,697,633.
- Brown, Clyde A., Luck, Wis., assignor, by mesne assignments, to Selmix Dispensers, Inc. Fountain dispenser. 2,673,005, Mar. 23.
- Brown, Clyde A., assignor, by mesne assignments, to Selmix Dispensers, Inc. 2,678,064, Cl. 137—636.
- Brown Co.: *See*—
Cook, Ernest P.
Hoos, Benjamin G. 2,687,352.
- Brown, Donald D.: *See*—
Andrews, Harry E., Comer, and Brown. 2,684,751.
- Brown, Donald H.: *See*—
Arras, Damiano, and Brown. 2,677,982.
- Brown, Donald L.: *See*—
Haas, Edward W., and Brown. 2,685,406.
- Brown, Earl L., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Detergent compositions. 2,673,842, Mar. 30.
- Brown, Earl Y., Sr., Fort Worth, Tex. Collapsible sandbox for children. 2,673,086, Mar. 23.
- Brown, Edmond L.: *See*—
Brown, Maclean and E. L. 2,679,334.
- Brown, Edmund D., assignor to United Aircraft Corporation. 2,676,460, Cl. 60—39,65.
- Brown, Edward K., assignee: *See*—
Lentz, David M.
- Brown, Edward S. 2,694,891, Cl. 56—10.
- Brown, Emmett S.: *See*—
Witzke, Ernest C., Wehmeyer, and Brown. 2,694,385.
- Brown, Emory J., Towson, Md. Automatic roll preventer for self-propelled vehicles. 2,672,203, Mar. 16.
- Brown, Ernest H., Binghamton, N. Y. Refrigerator apparatus. 2,667,759, Feb. 2.
- Brown, Erving F. 2,689,494, Cl. 81—15.
- Brown, Ethel C. 2,682,875, Cl. 128—285.
- Brown Fintube Company, assignee: *See*—
Brown, John W., Jr.
- Brown, Fordyce M.: *See*—
Tuttle, Clifton M., and Brown.
- Brown-Forman Distillers Corp.: *See*—
Scott, Henry L., Hyatt, and Carter. 2,688,546.
- Brown, Forrest W., Darien, Conn., assignor to The Reflectone Corporation. Moving target generating device. 2,664,754, Jan. 5.
- Brown, Forrest W., New Canaan, assignor to The Reflectone Corporation, Stamford, Conn. Moving target generating device. 2,669,033, Feb. 16.
- Brown, Foster S., assignor to E. P. Foster. 2,678,484, Cl. 28—4.
- Brown, Frank E., Burbank, assignor to F. M. Turnbull, Los Angeles, Calif. Syringe assembly. 2,665,687, Jan. 12.
- Brown, Frank E., to Chas. Pfizer & Co., Inc. 2,695,023, Cl. 128—218.
- Brown, Frank E., to F. M. Turnbull. 2,698,015, Cl. 128—233.
- Brown, Frank M. 2,683,197, Cl. 200—86.5.
- Brown, Frank N. 2,683,610, Cl. 280—35.
- Brown, Frank R., to The Goodyear Tire & Rubber Co. 2,690,769, Cl. 138—55.
- Brown, George R., and K. R. Larson, St. Paul, Minn. Machine for disintegrating and removing ice to form navigation channels. 2,665,655, Jan. 12.
- Brown, George T., Jr., assignor to The National Cash Register Company, Dayton, Ohio. Hand stamp device. 2,664,820, Jan. 5.
- Brown, George W. 2,697,512, Cl. 209—28.
- Brown & Green Ltd.: *See*—
Gudgeon, Ronald P. 2,686,983.
- Brown, Guy E., to H. J. Eastman. 2,691,507, Cl. 255—1.6.
- Brown, Harold J. 2,689,280, Cl. 200—90.
- Brown, Harold J., to Westinghouse Air Brake Co. 2,697,779, Cl. 246—146.
- Brown, Harold M. 2,697,590, Cl. 259—144.
- Brown, Harold P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Elasticizing plastic carboxyl containing synthetic polymeric rubbery materials and elastic products produced thereby. 2,669,550, Feb. 16.
- Brown, Harold P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Interpolymer, elastic product thereof, and making same. 2,671,074, Mar. 2.
- Brown, Harold P., to The B. F. Goodrich Co. 2,681,327, Cl. 260—41.5.
- Brown, Harold P., to The B. F. Goodrich Co. 2,698,318, Cl. 260—80.7.
- Brown, Harry. 2,675,978, Cl. 248—65.
- Brown, Henry, assignor to The Udylyte Corporation. 2,678,910, Cl. 204—49.
- Brown, Henry, to The Udylyte Corp. 2,690,996, Cl. 204—49.
- Brown, Henry, to The Udylyte Corp. 2,694,041, Cl. 204—49.
- Brown, Herbert C.: *See*—
Schlesinger, Hermann I., and Brown. 2,683,721.
- Brown, Horace D.: *See*—
Rogers, Edward F., and Brown. 2,682,561.
- Brown, Howard D. 2,680,597, Cl. 255—69.
- Brown, Hugh M., to the United States of America as represented by the Secretary of the Navy. 2,689,915, Cl. 250—36.
- Brown, Hugh S., Wauwatosa, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Splash type lubricating device for single cylinder horizontal internal-combustion engines. 2,669,322, Feb. 16.
- Brown, Huie W., St. Louis, Mo. Piston and rod. 2,671,704, Mar. 9.
- Brown, Ilo M., assignor to The Ballantyne Company, Omaha, Nebr. Electrically actuated out-of-door speaker. 2,670,807, Mar. 2.
- Brown, Irving C.: *See*—
Gross, William E., Hale, and Brown.
- Brown, Jack W. 2,683,974, Cl. 65—15.
- Brown, James D., to Toledo Scale Co. 2,682,078, Cl. 17—26.
- Brown, James D., to Toledo Scale Co. 2,682,289, Cl. 146—102.
- Brown, James E.: *See*—
Osborn, Joe C., and Brown.
- Brown, James E. 2,693,401, Cl. 312—238.
- Brown, James H.: *See*—
Baker, Arthur A., and Brown.
- Brown, James S. 2,688,444, Cl. 235—88.
- Brown, James W., and H. E. W. Burnside, to Standard Oil Development Co. 2,683,158, Cl. 260—449.6.
- Brown, Jean E.: *See*—
Baumgardner, Versal F. 2,698,167.
- Brown, Jesse E., to Bendix Aviation Corp. 2,695,035, Cl. 137—622.
- Brown John: *See*—
Lloyd, Peter, Shilling, Brown, and Boulter.
- Brown, John H., Jr., and W. E. Larson, assignors to The Dow Chemical Company. 2,676,997, Cl. 260—654.
- Brown, John P., to The Residue Co. 2,698,101, Cl. 214—10.5.
- Brown, John R., to The Reliance Gauge Column Co. 2,691,899, Cl. 74—471.
- Brown, John R., and R. L. Gilbert, assignors to The Reliance Gauge Column Company. 2,678,434, Cl. 340—244.
- Brown, John W., Westport, Conn., assignor to Gunderson-Taylor Machinery Company, Denver, Colo. Backfill tamper. Re. 23,763, Jan. 5.
- Brown, John W., Jr., Lakewood, assignor to Brown Fintube Company, Elyria, Ohio. Apparatus for twisting helical fins and bonding them to tubes. 2,667,852, Feb. 2.
- Brown, Kenneth M., to Universal Oil Products Co. 2,697,064, Cl. 196—28.
- Brown, Kenneth W.: *See*—
Schwien, Leo N., and Brown. 2,679,712.
- Brown, Laddie L.: *See*—
Kolbe, Frank F., and Brown. 2,684,753.
- Brown, Lloyd H., and P. A. Wells, Jr., to The Quaker Oats Co. 2,698,319, Cl. 260—88.5.
- Brown, Lute, Fairmont, W. Va. Saw sharpening machine. 2,666,346, Jan. 19.
- Brown, Lyman R., Douglaston, and K. J. Whittet, Centerport, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Countercurrent vaporizing flare burner. 2,667,156, Jan. 26.
- Brown, Maclean and E. L. 2,679,334, Cl. 222—9.
- Brown, Marshall A. 2,689,062, Cl. 221—197.
- Brown, Morden G., Darien, Conn., assignor to American Optical Company, Southbridge, Mass. Applicator for hemolyzing whole blood. 2,673,789, Mar. 30.
- Brown, Morris C., and W. E. Highley, assignors to Carter Carburetor Corporation. 2,675,792, Cl. 123—119.
- Brown, Norman. 2,693,911, Cl. 235—74.
- Brown, Norman M., Jr., to The Garrett Corp. 2,694,170, Cl. 318—55.
- Brown, Norman M., Jr., and C. A. Shank, to The Garrett Corp. 2,684,459, Cl. 318—29.
- Brown, Owen. 2,692,094, Cl. 244—2.
- Brown, Owen. 2,692,121, Cl. 258—1.8.
- Brown, Owen. 2,696,955, Cl. 244—63.
- Brown, Owen. 2,696,957, Cl. 244—110.
- Brown, Paul, to Packaging Materials Corp. 2,680,996, Cl. 92—39.
- Brown, Peter M., Jr., and S. M. Beekman, to Reheis Co., Inc. 2,686,800, Cl. 260—448.
- Brown, Ralph, Fall Brook, assignor to Glass Labeling & Decorating Company, Los Angeles, Calif. Process and apparatus for making glass articles. 2,665,524, Jan. 12.
- Brown, Ralph, and R. A. Wallace, Jr., to General Controls Co. 2,697,155, Cl. 200—152.
- Brown, Ralph E., to Genisco, Inc. 2,683,202, Cl. 201—59.
- Brown, Ralph E., and O. W. Weiss, assignors to James R. Kearney Corporation. 2,675,506, Cl. 317—23.
- Brown, Raymond R., assignor to Phillips Petroleum Company. 2,675,533, Cl. 340—17.
- Brown, Richard G.: *See*—
Luster, Carl J., and Brown. 2,693,102.
- Brown, Richard J.: *See*—
Raymond, David L., and Brown. 2,677,501.
- Brown, Robert A., and F. G. Du Pont, assignors to Remington Arms Company, Inc. 2,679,618, Cl. 315—183.
- Brown, Robert B., Jr. 2,688,301, Cl. 116—129.
- Brown, Robert G., Downey, Calif. Electrostatic generator. 2,667,615, Jan. 26.

- Brown, Robert L.: *See*—
Allan, George W. C., Dale, Sparham, and Brown. 2,696,019.
- Brown, Robert L., West Chester, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Dimethylene glycolamides as solvents for acrylonitrile polymers. 2,671,067, Mar. 2.
- Brown, Robert R., to Elastic Stop Nut Corp. of America. 2,697,855, Cl. 18—59.
- Brown, Robert W., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Shortstopping of butadiene-styrene emulsion polymerization. 2,667,472, Jan. 26.
- Brown, Robert W., assignor to United States Rubber Company. 2,680,111, Cl. 260—84.7.
- Brown, Robinson W.: *See*—
Slick, Thomas B., Brown, and Metcalf.
- Brown, Robinson W., assignor, by mesne assignments, to United States Lift Slab Corporation. 2,680,633, Cl. 287—20.3.
- Brown, Roger W., assignor to Cone Automatic Machine Company Inc., Windsor, Vt. Out-of-stock responsive mechanism. 2,669,345, Feb. 16.
- Brown, Roger W., to Cone Automatic Machine Co. Inc. 2,690,692, Cl. 82—24.
- Brown, Roy W., to The Firestone Tire & Rubber Co. 2,685,964, Cl. 206—46.
- Brown, Royce M., 2,680,424, Cl. 119—3.
- Brown, Russell H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Odor improvement of petroleum oils. 2,671,049, Mar. 2.
- Brown-Saltman, assignee: *See*—
Keal, John J.
- Brown, Seymour W., and R. Tate, said Brown assignor to Carrier Corp. 2,683,408, Cl. 98—40.
- Brown Shoe Company, Inc., assignee: *See*—
Crandall, John N., and Richardet.
- Brown Steel Tank Co.: *See*—
Brown, Walter V. 2,684,683.
Brown, Walter V., and Logemann.
Clark, Frank G. 2,679,278.
- Brown, Steffen S., to The Brown-Brockmeyer Co. 2,685,667, Cl. 318—196.
- Brown, Stewart K.: *See*—
Noyes, Edwin A. 2,687,508.
- Brown, Theodore E. 2,682,417, Cl. 280—116.
- Brown, Tom N. 2,676,053, Cl. 294—91.
- Brown, Tracey E., assignor of 50% to W. R. Hoyler. 2,679,232, Cl. 118—413.
- Brown, Virginia L.: *See*—
Thomas, Theodore B., and Brown. 2,674,070.
- Brown, W. Hensel, assignee: *See*—
Mueller, Herman H.
- Brown, Walter J. 2,696,583, Cl. 321—18.
- Brown, Walter J. 2,697,194, Cl. 318—327.
- Brown, Walter J. 2,697,197, Cl. 321—19.
- Brown, Walter V., to Brown Steel Tank Co. 2,684,683, Cl. 137—43.
- Brown, Walter V., Minneapolis, and W. F. Logemann, St. Paul, assignors to Brown Steel Tank Company, Minneapolis, Minn. Self-venting all cap for tank bodies. 2,669,250, Feb. 16.
- Brown, Warren D.: *See*—
Sturtevant, Mark J., Weertman, and Brown.
- Brown, Weldon G., to Commercial Solvents Corp. 2,692,282, Cl. 260—557.
- Brown, William, to Sturmev-Archer Gears Ltd. 2,687,050, Cl. 74—750.
- Brown, William B. 2,681,573, Cl. 73—341.
- Brown, William C., Lincoln, assignor to Raytheon Manufacturing Company, Newton, Mass. Magnetron amplifier. 2,673,306, Mar. 23.
- Brown, William C., and W. M. Gottschalk, assignors to Raytheon Manufacturing Company. 2,678,407, Cl. 315—39.
- Brown, William C., and E. C. Dench, to Raytheon Mfg. Co. 2,681,497, Cl. 315—40.
- Brown, William E., Roaring Springs, Tex. Cotton stripper with moving comb. 2,664,687, Jan. 5.
- Brown, William E., Pewaukee, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Fixed differential adjusting means for pressure sensitive electrical control devices. 2,666,108, Jan. 12.
- Brown, William E., assignor to Cutler-Hammer, Inc. 2,675,707, Cl. 74—2.
- Brown, William E. 2,678,632, Cl. 119—157.
- Brown, William E., to General Motors Corp. 2,686,852, Cl. 200—51.13.
- Brown, William E., to General Motors Corp. 2,692,920, Cl. 200—16.
- Brown, William E., to Cutler-Hammer, Inc. 2,695,514, Cl. 73—17.
- Brown, William J. 2,694,395, Cl. 128—38.
- Brown, William J. B. 2,691,842, Cl. 43—44.9.
- Brown, William L., Lansdowne, Pa. Expansible chamber motor of fluid volume meters. 2,667,147, Jan. 26.
- Brown, William M., Sr. 2,675,032, Cl. 143—43.
- Brown, William T. 2,688,205, Cl. 43—26.2.
- Browne, Eugene V.: *See*—
Feeney, Thomas A., and Browne. 2,678,179.
- Browne, Godfrey H.: *See*—
Groce, Homer W., and Browne. 2,680,896.
Sherrill, Price E., Jr., and Browne. 2,690,243.
- Browne, Godfrey H., assignor to Cocker Machine & Foundry Company. 2,678,485, Cl. 28—39.
- Browne, Godfrey H., and H. W. Groce, to Cocker Machine & Foundry Co. 2,681,035, Cl. 118—11.
- Browne, Kenneth A., to The Chesapeake and Ohio Railway Co. 2,687,817, Cl. 214—17.
- Browne, Lindsay H., Weston, Conn., assignor to American Brake Shoe Company, Wilmington, Del. Compressor. 2,668,004, Feb. 2.
- Brownell, George M.: *See*—
Pringle, Robert W., Roulston, and Brownell. 2,686,266.
- Brownell, William B.: *See*—
Weston, Arthur W., and Brownell. 2,683,149.
- Brownell, William E. 2,679,691, Cl. 33—174.
- Browner, William J., San Francisco, assignor to Relaxacizor, Inc., Los Angeles, Calif. Means for electrical therapy. 2,668,540, Feb. 9.
- Browneye, Martin: *See*—
Helms, Laurence C. and T. R., and Browneye. Re. 23,907.
- Browning, George: *See*—
Jepson, Ivar, and Browning.
- Browning, George V., L. C. Brunstrum, and W. L. Hayne, Jr., to Standard Oil Co. 2,697,693, Cl. 252—41.
- Browning, John, assignor to Imperial Chemical Industries Limited. 2,678,285, Cl. 117—138.8.
- Brownlee, Robert L., Mokena, Ill. Cutting unit for power weed cutters. 2,669,827, Feb. 23.
- Brownlyer, Nelson R., Birmingham, Mich., assignor, by mesne assignments, to Rockwell Spring and Axle Company, Coraopolis, Pa. Multispeed drive mechanism. 2,666,337, Jan. 19.
- Broyles, Daniel N., Knoxville, Tenn. Shooting gallery. 2,670,959, Mar. 2.
- Broyles, Horace N. 2,677,425, Cl. 164—84.5.
- Broyles, Mitchell T.: *See*—
Church, Richard D. 2,692,991.
- Broyles, Otis T., $\frac{1}{2}$ to W. B. Taylor and $\frac{1}{4}$ to J. R. Crump. 2,688,369, Cl. 166—100.
- Broz, Albert F., Woodland Hills, assignor to W. S. Woods, Huntington Park, and V. M. Wittman, South Gate, Calif. Valve of the hybrid poppet-butterfly type. 2,673,061, Mar. 23.
- Brozyna, Anton. 2,680,872, Cl. 15—147.
- Brubaker, Ezra O.: *See*—
Berstler, Francis E. 2,685,872.
- Brubaker, Jacob Z., Manheim, Pa. Air-cooled valve. 2,672,854, Mar. 23.
- Brubaker, Jacob Z. 2,677,357, Cl. 123—41.1.
- Brubaker, Jacob Z. 2,695,012, Cl. 123—41.08.
- Brubaker, Jacob Z. 2,698,063, Cl. 184—6.
- Brubaker, John T. 2,690,616, Cl. 30—304.
- Brubaker, Leo N., Dayton, Ohio. Method and apparatus for determining tip and tilt in aerial survey photography. 2,671,388, Mar. 9.
- Brubaker, Marlin R. 2,682,430, Cl. 301—1.
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours and Company. 2,680,763, Cl. 260—487.
- Bruce, Anthony R. N., Portage La Prairie, Manitoba, Canada. Parking meter. 2,670,066, Feb. 23.
- Bruce, Edmond: *See*—
Brewer, Sherman T., and Bruce. 2,686,837.
- Bruce, Edmond, and H. M. Straube, to Bell Telephone Laboratories, Inc. 2,684,405, Cl. 179—18.
- Bruce Engineering Corp.: *See*—
Bruce, John K., and Davis. 2,685,975.
Bruce, John K., and Davis. 2,685,975.
- Bruce, John K., South Pasadena, and T. H. Davis, Alhambra, assignors to Bruce Engineering Corporation, Pasadena, Calif. Combined merchandising package and article carrier. 2,667,995, Feb. 2.
- Bruce, John K., and T. H. Davis, to Bruce Engineering Corp. 2,685,975, Cl. 214—304.
- Bruce, Tracey K., Jr. 2,686,569, Cl. 170—160.32.
- Bruce, William F.: *See*—
Diamond, Julius, and Bruce. 2,695,903.
Diamond, Julius, and Bruce. 2,695,903.
- Bruce, William F., Havertown, and J. Seifter, Willow Grove, Pa., assignors, by mesne assignments, to American Home Products Corporation, New York, N. Y. Substituted glycinamides. 2,665,309, Jan. 5.
- Bruce, William F., and J. Seifter, assignors, by mesne assignments, to American Home Products Corporation. 2,676,188, Cl. 260—559.
- Bruce, William F., and J. Seifter, assignors, by mesne assignments, to American Home Products Corporation. 2,678,948, Cl. 260—558.
- Bruce, William F., and J. Seifter, to American Home Products Corp. 2,692,265, Cl. 260—287.
- Bruchlos, Charles A. 2,693,164, Cl. 116—84.
- Bruck, George G., to Specialties, Inc. 2,683,402, Cl. 95—64.
- Brücke, Otto, to Metallgesellschaft Aktiengesellschaft. 2,695,868, Cl. 202—46.
- Bruckman, Eric A., assignor to Excelsior Pearl Works, Inc. 2,679,176, Cl. 79—6.
- Bruckman, Victor D.: *See*—
Hohnstein, Paul J., and Bruckman. 2,684,827.
- Bruckman, William C., and M. A. Kreitchman, to International Telephone and Telegraph Corp. 2,687,861, Cl. 248—24.

- Bruckmann, Bruno W., Greene County, Ohio, assignor to United States of America as represented by the Secretary of the Air Force. Turbojet and rocket motor combination with hot gas ignition system for nonself-reaction rocket fuels. 2,673,445, Mar. 30.
- Bruckmann, Paul M. W., assignor to The De Florez Company, Inc. 2,679,807, Cl. 103—149.
- Brueckner, Arthur L., and R. L. Reagan, assignors to The University of Maryland. 2,676,135, Cl. 167—78.
- Bruegger, Ernest, Massillon, Ohio, assignor to The Griscom-Russell Company, New York, N. Y. Making finned tubes. 2,669,012, Feb. 16.
- Bruegger, Zeno A., $\frac{1}{2}$ to L. G. Peterson. 2,695,029, Cl. 137—397.
- Bruesewitz, Arnold T., and D. R. Horwitz, assignors to U. S. Slicing Machine Company, Inc. 2,678,670, Cl. 146—94.
- Bruestle, Armin O., to The Cincinnati Mine Machinery Co. 2,686,663, Cl. 262—33.
- Bruestle, Carl O., Metuchen, assignor to Syncro Machine Company, Perth Amboy, N. J. Split cradle for tubular stranding machines. 2,664,693, Jan. 5.
- Bruestle, Carl O., Metuchen, assignor to Centric Clutch Company, Cranford, N. J. Centrifugal clutch. 2,670,829, Mar. 2.
- Bruestle, Carl O., to Syncro Machine Co. 2,681,544, Cl. 57—65.
- Bruestle, Carl O., to Syncro Machine Co. 2,689,447, Cl. 57—58.36.
- Bruet, Henri R., Neuilly-sur-Seine, France. Control for duplicating lathe cutting tool holders. 2,671,432, Mar. 9.
- Bruger, Charles W., Union City, N. J. Holder for cleaning implements. 2,672,639, Mar. 23.
- Bruger, Charles W. 2,678,647, Cl. 128—218.
- Brugge, Joseph E.: See—
- Brugge, Philip E. and J. E. 2,676,504.
- Brugge, Philip E. and J. E. 2,676,504, Cl. 81—38.
- Brugger, Richard G., to The Sperry Corp. 2,695,198, Cl. 308—9.
- Brugler, Richard L., to Chrysler Corp. 2,697,921, Cl. 62—140.
- Brugmann, William H., Jr.: See—
- Tongberg, Carl O., and Brugmann. 2,681,315.
- Brugmann, William H., Jr., to Standard Oil Development Co. 2,694,084, Cl. 260—461.
- Bruin, Pieter: See—
- Den Hertog, Herman J., and Bruin.
- Bruining, Hajo: See—
- Schagen, Pieter, and Bruining. 2,692,341.
- Braker, Hobart W., assignor to G. W. Swift, Jr., Inc. 2,674,299, Cl. 154—31.
- Brullhard, Otto, assignee: See—
- Sochor, Franz. 2,674,166.
- Brumagin, Thomas H., assignor to Ajax Flexible Coupling Co. Inc. 2,678,720, Cl. 198—220.
- Brumbaugh, Chester C., Painesville, assignor to Diamond Alkali Company, Cleveland, Ohio. Obtaining anhydrous hydrogen chloride. 2,665,240, Jan. 5.
- Brumbaugh, Chester C., and R. A. Springer, to Diamond Alkali Co. 2,693,403, Cl. 23—65.
- Brumbaugh, George U., to Peterbilt Motors Co. 2,694,943, Cl. 74—473.
- Brumbaugh, Isaac V., Clayton, Mo. Making valves. 2,669,011, Feb. 16.
- Brumbaugh, Isaac V., Clayton, Mo. Valve. 2,669,418, Feb. 16.
- Brumbaugh, Robert E., to The Auer Register Co. 2,697,977, Cl. 98—106.
- Brumfield, John C., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Instantaneous trip circuit breaker. 2,673,908, Mar. 30.
- Brumfield, John C., assignor to I-T-E Circuit Breaker Company. 2,678,359, Cl. 200—88.
- Brumhill, Claude W., Leicester, and A. Pateman, Rothley, assignors to The Imperial Typewriter Company Limited, Leicester, England. Plural keyboard typewriting machine. 2,666,515, Jan. 19.
- Brumme, Frank J. 2,679,972, Cl. 230—117.
- Brummer, Olin. 2,692,787, Cl. 288—11.
- Brunberg, Paul E., Detroit, Mich. Thermal regulation of work and tools. 2,670,528, Mar. 2.
- Brundage, Alan D., assignor to F. L. Jacobs Co. 2,679,392, Cl. 268—124.
- Brundage, Edgar C.: See—
- Billard, Harold W., and Brundage. 2,686,829.
- Brundage, John F., to Allis-Chalmers Mfg. Co. 2,685,159, Cl. 55—81.7.
- Brundage, William F.: See—
- White, Joe, and Brundage. 2,677,875.
- Brundin, Nils H., to Ekstrand & Tholand, Inc. 2,694,657, Cl. 134—13.
- Brundrett, George A., to General Motors Corp. 2,695,079, Cl. 188—88.
- Brundrett, George A., and M. Funkhouser, to General Motors Corp. 2,695,034, Cl. 137—493.4.
- Brune, Ervin W. 2,688,817, Cl. 43—56.
- Brune, William L., assignor to Bell Telephone Laboratories, Incorporated. 2,677,101, Cl. 324—57.
- Bruner, Charles O.: See—
- Collins, Edward J. and J. L., and Bruner.
- Bruner, Hermann, H. Rindfleisch, and H. Tietze, assignors to O. H. Drager. 2,678,646, Cl. 128—30.
- Bruner, Walter M., and J. C. Lehr, assignors to E. I. du Pont de Nemours & Company. 2,678,286, Cl. 117—141.
- Bruni, Riccardo. 2,687,790, Cl. 192—40.
- Bruning, Charles, Company, Inc., assignee: See—
- Streich, Paul B., Sr.
- Bruning, Earl F., Lincoln, Nebr. Breakaway coupling for fluid conduits. 2,666,656, Jan. 19.
- Brüning, Fritz, W. Veldgen, E. Becker, and E. Billig, deceased (E. Billig, heiress), to L. & C. Steinmuller, G. m. b. H. 2,690,907, Cl. 266—23.
- Brunner, George N. 2,694,239, Cl. 20—69.
- Brunn, Robert B. J., Manhasset, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Pulse-signal translating system. 2,665,378, Jan. 5.
- Brunner, Clayton E.: See—
- Powell, George W., and Brunner. 2,686,991.
- Brunner, Ernst, Wilmslow, and F. W. Hindes, Upper Mill, England, assignors to The Clayton Aniline Company Ltd. Optical bleaching agents containing two 1:2:3-triazole rings. 2,666,062, Jan. 12.
- Brunner, John T. 2,697,404, Cl. 104—265.
- Brunner, Sam W. 2,677,376, Cl. 129—1.
- Bruno, Angel. 2,693,520, Cl. 200—153.
- Bruno, Victor M., and H. J. Wilson, Los Angeles, Calif. Umbrella. 2,667,884, Feb. 2.
- Bruns, Lawrence A., to The Crosse & Blackwell Co. 2,684,167, Cl. 215—6.
- Brunsing, Rex L. 2,684,907, Cl. 99—193.
- Brunstrum, Lawrence C.: See—
- Browning, George V., Brunstrum, and Hayne. 2,697,693.
- Brunstrum, Lawrence C., and R. Steinbruch, to Standard Oil Co. 2,696,734, Cl. 73—55.
- Brunsviga Maschinenwerke Aktiengesellschaft: See—
- Menge, Eberhard. 2,687,255.
- Brunswick-Balke-Collender Co., The: See—
- Anderson, Robert I. 2,693,359.
- Hedenskoog, Ernest. 2,688,486.
- Horn, Walter J.
- Huck, William F.
- Huck, William F. 2,682,405.
- Huck, William F. 2,682,407.
- Lund, Carl P. 2,682,404.
- Montooth, George A. 2,682,406.
- Montooth, George A. 2,688,485.
- Montooth, George A. 2,688,487.
- Montooth, George A., and Bowen. 2,697,605.
- Schlafender, Otto.
- Sundell, Carl A. 2,690,582.
- Watson, Lester H. 2,693,034.
- Winkler, Wynn G., and Anderson. 2,688,217.
- Whipple, Jack V., and Odmark. 2,676,016.
- Brunton, Donald C., assignor to Isotope Products Limited. 2,675,482, Cl. 250—83.6.
- Brunton, Donald C., and N. Z. Alcock, assignors to Isotope Products Limited. 2,675,478, Cl. 250—43.5.
- Brunts, George W., and F. L. Shutters; said Shutters to said Brunts. 2,692,466, Cl. 56—25.4.
- Brus, Emile P., Kansas City, Mo. Electrical plug with compressible means to retain contacts therein. 2,669,701, Feb. 16.
- Bruscini, Marcel: See—
- Di Chiara, Vincent J., and Bruscin.
- Brusell, Ernest J. 2,681,593, Cl. 88—41.
- Brusetti, Alfeo, assignor to Modern Granite Company, Inc., Barre, Vt. Carving stone. 2,671,978, Mar. 16.
- Brush, Clyde E. 2,690,024, Cl. 42—17.
- Brushmaster Saw, Inc.: See—
- Lawrence, Benjamin F. 2,697,457.
- Brussel, Fred H.: See—
- McLeod, Roy D. 2,692,614.
- Brussel, Sophia L.: See—
- McLeod, Roy D. 2,692,614.
- Brust, Harry F., to The Dow Chemical Co. 2,691,672, Cl. 260—487.
- Brust, Harry F., to The Dow Chemical Co. 2,691,673, Cl. 260—487.
- Brust, Sylvester F.: See—
- Land, Malcolm L., and Brust. 2,695,767.
- Brustman, Joseph A., assignor to Remington Rand Inc. 2,677,815, Cl. 340—213.
- Brustman, Joseph A., to Remington Rand Inc. 2,694,144, Cl. 250—27.
- Brutti, Pedro A., Buenos Aires, Argentina. Safety clasp. 2,667,675, Feb. 2.
- Bryan, Alexander, and C. Heyniger, assignors to Alcott, Inc. 2,675,775, Cl. 114—165.
- Bryan Arana, Carlos S. 2,691,829, Cl. 33—207.
- Bryan, Artis C. 2,674,136, Cl. 74—665.
- Bryan, Collis C., to Monsanto Chemical Co. 2,692,291, Cl. 260—600.
- Bryan, Frederick A.: See—
- Taplin, George V., and Bryan. 2,693,805.
- Bryan, George J. 2,677,363, Cl. 126—4.
- Bryan, Lloyd. 2,680,275, Cl. 24—253.
- Bryan, Norman L., Jr., Deland, Fla. Profile recording machine. 2,667,698, Feb. 2.
- Bryan, Thomas E. 2,681,014, Cl. 103—233.
- Bryan, William J., and J. E. Vrla. 2,675,799, Cl. 126—246.

- Bryant, Andrew J. 2,675,653, Cl. 51—168.
 Bryant, Austin U.: *See*—
 Grove, Marvin H., and Bryant.
 Bryant Chucking Grinder Co.: *See*—
 Arms, Merton H.
 Gates, Hessler H. 2,674,048.
 Gates, Hessler H. 2,678,503.
 Grobey, Paul A.
 Grobey, Paul A. 2,677,921.
 Grobey, Paul A. 2,681,229.
 Grobey, Paul A. 2,689,434.
 Grobey, Paul A. 2,691,531.
 Grobey, Paul A. 2,696,986.
 Moore, Willis F. 2,690,033.
 Bryant, Don W., assignor of $\frac{1}{2}$ to S. M. Edison. 2,675,534, Cl. 340—97.
 Bryant, Ed H. 2,679,853, Cl. 134—166.
 Bryant Electric Company, The, assignee: *See*—
 Allenby, William F.
 Webster, Benjamin C.
 Bryant, George F. and R. C. 2,690,914, Cl. 279—2.
 Bryant, Harold W., Kenmore, N. Y., and W. R. Cornthwaite, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of high viscosity polyvinyl alcohol. 2,668,809, Feb. 9.
 Bryant, James G., Jr. 2,678,652, Cl. 130—6.
 Bryant, Marvin R., assignor to Elliott Knitting Mills, Inc., Hickory, N. C. Wrap stripe attachment for circular knitting machines. 2,670,617, Mar. 2.
 Bryant, Raymond C.: *See*—
 Bryant, George F. and R. C. 2,690,914.
 Bryant, Richard. 2,674,076, Cl. 56—14.
 Bryant, William C. 2,684,810, Cl. 235—91.
 Bryant, William K. 2,678,553, Cl. 67—7.1.
 Bryce, Hugh G., to The Sharples Corp. 2,697,725, Cl. 260—527.
 Brycel Ltd.: *See*—
 Simon, Walter E. A. 2,692,834.
 Bryden, Norman E. 2,679,074, Cl. 20—35.
 Bryer, Jack, assignor to R. Hoe & Co., Inc. 2,678,565, Cl. 74—216.5.
 Brynge, Hannes. 2,691,897, Cl. 74—458.
 Brzozowski, Witold, to Thermal Research and Engineering Corp. 2,697,910, Cl. 60—39.55.
 Brzozowski, Zygmunt: *See*—
 Billings, William A., and Brzozowski. 2,696,227.
 Bub, Frank: *See*—
 Hamilton, William C., and Bub. 2,679,844.
 Bub, Robert A.: *See*—
 Lewis, John M., and Bub. 2,691,427.
 Bubb, Frank W., to Phillips Petroleum Co. 2,698,133, Cl. 235—61.
 Bubbers, John J., Massapequa Park, and R. E. Stuhler, Elmhurst, N. Y. Resonant antenna. 2,671,852, Mar. 9.
 Buboltz, Victor. 2,681,091, Cl. 146—164.
 Bucci, Felice, assignor to Fondazione Emanuele Paterno, Rome, Italy. Preparation of cyanates of alkalimetals from urea and alkaline nitrites. 2,665,968, Jan. 12.
 Bucci, Joseph, Philadelphia, Pa. Making frozen piazza. 2,668,117, Feb. 2.
 Buchan, William P.: *See*—
 Nettekoven, William F., Buchan, and McDermid. 2,676,739.
 Buchanan, Hugh, assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper with hinged section. 2,672,363, Mar. 16.
 Buchanan, Lee M.: *See*—
 Quynn, John T., McNulty, and Buchanan. 2,675,697.
 Buchanan, Marion A.: *See*—
 Lewis, Harry F., and Buchanan. 2,674,575.
 Lewis, Harry F., and Buchanan. 2,698,233.
 Buchanan, Stephen N., assignor to Aircraft-Marine Products Inc. 2,674,725, Cl. 339—276.
 Buchele, Donald R., and P. B. Day. 2,679,183, Cl. 88—14.
 Bucher, Ralph. 2,691,554, Cl. 308—76.
 Buchet, Louis: *See*—
 Letrilliart, Pierre, Delastre, and Buchet. 2,683,827.
 Buchholz, Arnold R.: *See*—
 Quirk, Earl W., and Buchholz.
 Buchholz, Arnold R., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Coin-counting machine. 2,669,998, Feb. 23.
 Buchholz, Arnold R., assignor to Brandt Automatic Cashier Company. 2,675,006, Cl. 133—2.
 Buchholz, Arnold R., assignor to Brandt Automatic Cashier Company. 2,675,009, Cl. 133—8.
 Buchholz, Arnold R., assignor to Brandt Automatic Cashier Company. 2,679,849, Cl. 133—8.
 Buchholz, Arnold R., and W. H. Sprenger, assignors to Brandt Automatic Cashier Company. 2,675,008, Cl. 133—8.
 Büchi, Alfred. 2,684,569, Cl. 60—13.
 Büchi, Alfred J. 2,678,529, Cl. 60—29.
 Buchmann, Albin, to Scintilla Ltd. 2,687,456, Cl. 200—80.
 Buchmann, Albin, to Scintilla Ltd. 2,688,714, Cl. 315—291.
 Buchmann, Fred J.: *See*—
 McAdams, Don R., and Buchmann. 2,686,195.
 Buchmann, Fred J., to Standard Oil Development Co. 2,685,596, Cl. 260—449.6.
 Buchmiller, Earl P., and H. Cohen, Denver, Colo. Paper-board serving tray. 2,670,124, Feb. 23.
 Büchner, Karl, and H. Sprünken, assignors to Ruhrchemie Aktiengesellschaft. 2,678,304, Cl. 252—158.
 Buchner, Robert B.: *See*—
 Oberman, Roelof M. M., Snijders, and Buchner. 2,676,210.
 Buchner, Robert B., assignor to Hartford National Bank and Trust Company, as trustee. 2,676,211, Cl. 179—18.
 Buchner, Robert B., assignor to Hartford National Bank and Trust Company, as trustee. 2,676,286, Cl. 317—149.
 Buchner, Robert B., to Hartford National Bank and Trust Co., as trustee. 2,688,659, Cl. 179—18.
 Buchner, Robert B., to Hartford National Bank and Trust Co., as trustee. 2,688,660, Cl. 179—18.
 Buchner, Robert B., to Hartford National Bank and Trust Co., as trustee. 2,691,067, Cl. 179—18.
 Buchner, Robert B., to Hartford National Bank and Trust Co., as trustee. 2,691,121, Cl. 317—149.
 Buchner, Robert B., to Hartford National Bank and Trust Co., as trustee. 2,693,504, Cl. 179—18.
 Buchner, Robert B., to Hartford National Bank and Trust Co., as trustee. 2,693,505, Cl. 179—18.
 Buchner, Robert B., to Hartford National Bank and Trust Co., as trustee. 2,693,506, Cl. 179—18.
 Buchner, Robert B., to Hartford National Bank and Trust Co., as trustee. 2,697,751, Cl. 179—18.
 Buchner, Robert B., to Hartford National Bank and Trust Co., as trustee. 2,697,752, Cl. 179—18.
 Buchner, Robert B., and J. Borcharding, to Hartford National Bank and Trust Co., as trustee. 2,697,750, Cl. 179—18.
 Buchtenkirch, Arthur J., to C. J. Van Eyk, d. b. a. Sea-board Electric Co. 2,690,484, Cl. 200—84.
 Buck, A. C., assignee: *See*—
 Hopkins, Ellis W. 2,674,253.
 Buck, Arthur W., to Buck X-Ograph Co. 2,697,021, Cl. 312—320.
 Buck, Eugene W., Campbell, assignor of one-third to A. Cano, Santa Clara, Calif. Electromagnetic drill unit. 2,672,770, Mar. 23.
 Buck, James G., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,873, Cl. 29—25.17.
 Buck, Johannes S., and R. O. Clinton, assignors to Sterling Drug Inc. 2,678,932, Cl. 260—397.3.
 Buck, Johannes S., and A. Lesuk, to Sterling Drug Inc. 2,685,601, Cl. 260—529.
 Buck, Julian R., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated. 2,675,702, Cl. 73—155.
 Buck, Mortimer P., C. F. Crumbley, and E. F. Leaberry, to The International Nickel Co., Inc. 2,686,860, Cl. 219—14.
 Buck, Neafie J. 2,674,837, Cl. 56—26.
 Buck, Norman. 2,678,213, Cl. 272—66.
 Buck, Roy M.: *See*—
 Jackson, Theodore F. 2,688,893.
 Buck, Willard E., Los Alamos, N. Mex., assignor to the United States of America as represented by the United States Atomic Energy Commission. Light valve. 2,667,104, Jan. 26.
 Buck, William J. 2,677,629, Cl. 134—21.
 Buck X-Ograph Co.: *See*—
 Buck, Arthur W. 2,697,021.
 Buckendale, Lawrence R.: *See*—
 Rockwell, Walter F., and Buckendale. 2,693,244.
 Schneider, John S., Rockwell, and Buckendale. 2,674,783.
 Buckendale, Lawrence R., to Rockwell Spring and Axle Co. 2,685,479, Cl. 301—124.
 Buckendale, Lawrence R., to Rockwell Spring and Axle Co. 2,692,028, Cl. 188—79.5.
 Buckeye Cotton Oil Company, The, assignee: *See*—
 Rowe, Stewart.
 Buckeye Steel Castings Company, The, assignee: *See*—
 Settles, James C. 2,674,204.
 Buckingham, William D., to The Western Union Telegraph Co. 2,687,471, Cl. 240—46.01.
 Buckler, Ronald W., to Sterling Industries Ltd. 2,696,993, Cl. 284—17.
 Buckley, Duer H., to F. G. Medley. 2,684,193, Cl. 228—29.
 Buckley, Edward A., North Tarrytown, N. Y. Adjustable supporting arrangement for sightable instruments in a moving vehicle. 2,673,705, Mar. 30.
 Buckley, Gerard D., and N. H. Ray, Northwich, England, assignors to Imperial Chemical Industries Limited. Condensation of 1-diazoalkanes. 2,671,767, Mar. 9.
 Buckley, John C., Holyoke, Mass. Pipe hanger. 2,671,625, Mar. 9.
 Bucklin, Charles M. 2,685,283, Cl. 124—5.
 Buckman, John B., to Vickers Inc. 2,684,138, Cl. 192—21.5.
 Buckman, John P., to Union Oil Co. of California. 2,695,303, Cl. 260—404.
 Buckman Laboratories, Inc.: *See*—
 Buckman, Stanley J., and Meals. 2,686,119.
 Buckman, Stanley J., and R. N. Meals, to Buckman Laboratories, Inc. 2,686,119, Cl. 92—3.
 Buckmaster, James L., Arlington, Va. Aerial photograph viewing stereoscope. 2,670,655, Mar. 2.
 Bucknam, James H., and C. E. Hartmann, assignors to Union Carbide and Carbon Corporation. 2,680,608, Cl. 266—23.

- Bucknell, Ernest H.: *See*—
 Bletcher, Ralph E. 2,684,082.
 Bletcher, Ralph E., and Ward. 2,675,218.
 Bletcher, Ralph E., and Ward. 2,687,917.
- Bucknell, Mabel: *See*—
 Bletcher, Ralph E. 2,684,082.
 Bletcher, Ralph E., and Ward. 2,675,218.
 Bletcher, Ralph E., and Ward. 2,687,917.
- Buckner, Orello S., to Bay State Abrasive Products Co. 2,682,733, Cl. 51—188.
- Buckner, Orello S., to Bay State Abrasive Products Co. 2,682,735, Cl. 51—195.
- Buckwalter, Frank H., to Bristol Laboratories Inc. 2,690,414, Cl. 167—78.
- Buckwalter, Frank H., and A. P. Granatek, to Bristol Laboratories, Inc. 2,682,538, Cl. 260—239.1.
- Buckwalter, Frank H., and A. P. Granatek, to Bristol Laboratories Inc. 2,682,539, Cl. 260—239.1.
- Buckwalter, Frank H., and A. P. Granatek, to Bristol Laboratories Inc. 2,682,540, Cl. 260—239.1.
- Buckwalter, Howard M., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Protection of tire cellulose fiber against heat aging. 2,665,230, Jan. 5.
- Buckwalter, Howard M., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Cellulose fiber tire casing protected against heat aging. 2,665,733, Jan. 12.
- Buckwalter, Howard M., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Protection of cellulose fiber against heat aging and tire casing containing such fiber. 2,665,734, Jan. 12.
- Buckwalter, John S. 2,690,363, Cl. 308—227.
- Buckwalter, John S. 2,690,364, Cl. 308—227.
- Buckwalter, Nancy P.: *See*—
 Long, Robert S., and Buckwalter.
- Bucyrus-Erie Company, assignee: *See*—
 Davidson, Trevor O. 2,680,491.
 Mork, George W.
 Reischl, Karl E.
 Reuter, Gottfried, and Barnes. 2,678,508.
- Budd, Baylis F., 1/2 to C. Asbeck. 2,691,385, Cl. 137—399.
- Budd Co., The: *See*—
 Barnes, Gladeon M., Fike, and Dean. 2,685,263.
 Callender, Edwin M. 2,685,621.
 Coombes, Joseph H.
 Coombes, Joseph H., and Eksergian.
 Dean, Walter B.
 Dean, Walter B., and Pagon.
 Greenshields, Robert O., and Kay. 2,675,848.
 Haefner, Joseph T.
 Lindsay, Alexander R. 2,687,325.
 Lindsay, Alexander R. 2,689,765.
 Reynolds, Lewis F. 2,675,998.
 Ridgway, Edmund T.
 Vahey, Stanley C. 2,687,326.
 Van Sciver, Herbert D., II. 2,691,330.
 Watter, Michael. 2,685,261.
- Budd, Larry J., Chicago, assignor to Pallet Devices, Inc., Des Plaines, Ill. Palletized shipping structure. 2,665,806, Jan. 12.
- Budd, Larry J., Chicago, assignor to Pallet Devices Incorporated, Des Plaines, Ill. Load supporting palletized container. 2,665,807, Jan. 12.
- Budd, Lena M., Edgewood, Md. Edger and finisher. 2,668,568, Feb. 9.
- Budd & Weston (Special Machines) Ltd.: *See*—
 Pearce, Herbert, and Homewood. 2,692,935.
- Budd, William. 2,683,968, Cl. 61—4.
- Buddecke, Heinrich. 2,689,644, Cl. 206—64.
- Budelman, Frederick T., to Link Radio Corp. 2,685,648, Cl. 250—39.
- Budesky, Charles. 2,690,230, Cl. 180—9.1.
- Budlane, Stanley J., assignor to Motorola, Inc., Chicago, Ill. Liquid fuel burning heater. 2,673,558, Mar. 30.
- Budner, Anton E., assignor to S. C. Johnson & Son, Inc. 2,676,893, Cl. 106—271.
- Budnik, Joseph. 2,689,066, Cl. 222—103.
- Budny, Bernard S., assignor to Automatic Roll Machine Company, Inc., New York, N. Y. Machine for applying shredded material to bakery products. 2,666,410, Jan. 19.
- Budy, Teddy. 2,675,982, Cl. 248—211.
- Budzyna, Walter J., East Douglas, Mass., and M. R. Flamand, Central Falls, R. I., assignors to Draper Corporation, Hopedale, Mass. Method and mechanism for filling control in shuttleless looms. 2,665,716, Jan. 12.
- Budzyna, Walter J., East Douglas, and A. Gouveia, Milford, assignors to Draper Corporation, Hopedale, Mass. Harness mechanism. 2,673,575, Mar. 30.
- Bueche-Rossé, Henri, Court, Jura Bernois, Switzerland. Device for starting the balance wheel of timepieces. 2,672,724, Mar. 23.
- Buechler, Frank A., Tallmadge, assignor, by mesne assignments, to Bridgewater Machine Tool Co., Akron, Ohio. Contour milling machine. 2,669,908, Feb. 23.
- Buecken, Hans E.: *See*—
 Magerkurth, Wilhelm A., and Buecken. Re. 23,839.
- Buegler, Joseph A. *See*—
 Lippel, Bernard, and Buegler. 2,679,644.
 Lippel, Bernard, and Buegler. 2,685,084.
- Buehl, Russell C., and M. B. Royer, to the United States of America as represented by the Solicitor of the Department of Interior. 2,687,952, Cl. 75—24.
- Buehler, Arthur: *See*—
 Widmer, Willy, Zickendraht, and Buehler.
 Zickendraht, Christian, and Buehler.
- Buehler, Emil: *See*—
 Winberg, Ferdinand F., and Buehler. 2,690,500.
- Buehler, Emil, North Haledon, N. J., assignor to American Aeropap, Inc. Heating devices. 2,667,567, Jan. 26.
- Buehler, Randolph J. 2,698,140, Cl. 236—9.
- Buell, Charles J., Fort Smith, Ark. Refrigerating system for trucks. 2,669,098, Feb. 16.
- Buell, Charles K., Bartlesville, Okla., assignor to Phillips Petroleum Company. Destructive distillation of solid carbonaceous materials. 2,673,117, Mar. 23.
- Buell, Maxine G., Ann Arbor, Mich. Means for drilling language patterns. 2,669,789, Feb. 23.
- Buelow, William H.: *See*—
 Lendved, John W., and Buelow. 2,688,472.
- Buenger, Edward F., River Forest, Ill., R. R. Uhrmacher, Charlotte, N. C., E. Cairelli, Chicago, and G. J. Rundblad, Elmwood Park, assignors to Wilson Jones Company, Chicago, Ill. Ring setting machine. 2,667,797, Feb. 2.
- Buerger, Martin J., and E. Washken, to Owens-Illinois Glass Co. 2,687,364, Cl. 154—128.
- Buerki, Christian E.: *See*—
 Gappa, William L., and Buerki. 2,688,361.
- Buescher, Wilbert C.: *See*—
 Ray, William A., and Buescher. 2,683,789.
- Bufardeci, Nunci. 2,675,560, Cl. 2—266.
- Buffalo Colorpress, Inc.: *See*—
 Jordan, Charles A. 2,688,194.
- Buffalo Eclipse Corp.: *See*—
 Johnson, Horace J.
 Johnson, Horace J. 2,693,702.
- Buffalo Electro-Chemical Co. Inc.: *See*—
 Crewson, George G., and Bretschger. 2,684,889.
 Greenspan, Frank P., and Gall. 2,684,353.
 Greenspan, Frank P., and Gall. 2,692,271.
 Margulies, Paul H. 2,686,125.
 McEwen, Robert L., and Sheldon. 2,692,181.
- Buffett, John B., Media, assignor to Attapulugus Minerals and Chemicals Corporation, Philadelphia, Pa. Absorbent and preparation thereof. 2,665,259, Jan. 5.
- Buffington, Bernard K., San Antonio, Tex. Flow valve assembly. 2,673,568, Mar. 30.
- Bugg, Kenly C., to Kendrick Mfg. Co., Inc. 2,685,427, Cl. 251—181.
- Buhl, Raymond T. 2,676,725, Cl. 216—30.
- Bühler, Gebrüder: *See*—
 Dumermuth, Rudolf.
 Löffler, Willy. 2,687,235.
 Tanner, Fritz. 2,690,306.
- Buhler, James D., C. B. Folkrod, and R. O. Gunderson, assignors to Kaiser Aluminum & Chemical Corporation. 2,678,205, Cl. 263—28.
- Buhr, August G.: *See*—
 Tanke, Willard H., and Buhr. 2,693,747.
 Tanke, Willard H., Buhr, and Groth. 2,687,074.
- Buhr, August G., to Allis-Chalmers Mfg. Co. 2,683,404, Cl. 97—47.36.
- Buhr, August G., to Allis-Chalmers Mfg. Co. 2,697,975, Cl. 97—198.1.
- Buhr, August G., to Allis-Chalmers Mfg. Co. 2,698,114, Cl. 222—176.
- Buhrendorf, Frederick G., assignor to Bell Telephone Laboratories, Incorporated. 2,674,031, Cl. 29—155.57.
- Buhrendorf, Frederick G., assignor to Bell Telephone Laboratories, Incorporated. 2,674,659, Cl. 179—100.2.
- Buhrendorf, Frederick G., assignor to Bell Telephone Laboratories, Incorporated. 2,676,392, Cl. 29—155.58.
- Buhrendorf, Frederick G., assignor to Bell Telephone Laboratories, Incorporated. 2,677,019, Cl. 179—100.2.
- Buick, John A., Norfolk, Va. Drafting instrument. 2,666,261, Jan. 19.
- Builders Ornamental Iron Company, assignee: *See*—
 Elam, Jess L. 2,674,293.
- Buis, Marinus, London, England, assignor to Shell Development Company, San Francisco, Calif. Apparatus for rapidly mixing and controlling the temperature of immiscible liquids. 2,671,645, Mar. 9.
- Buist, Jack M., and G. W. Jamin, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Apparatus for measuring extension of samples under tension. 2,667,699, Feb. 2.
- Buist, Jack M., and G. W. Jamin, assignors to Imperial Chemical Industries Limited. 2,677,187, Cl. 33—148.
- Buker, Earl L.: *See*—
 Tretheway, William J., Kennard, and Buker. 2,689,989.
- Bulkley, William L., to Standard Oil Co. 2,684,010, Cl. 88—14.
- Bull, Arthur W.: *See*—
 Briscoe, William F. R., Bull, and Hulswit. 2,693,005.
 Madison, Knowles K., Bull, and Saulino. 2,695,424.
- Bull, Willard C.: *See*—
 Deutschman, Archie J., Jr., and Bull. 2,677,698.
- Bull, Willard C., to Commercial Solvents Corp. 2,686,811, Cl. 260—585.
- Bullard Clark Co., The: *See*—
 Bullard, Edward J. 2,696,842.

- Bullard Co., The: *See*—
 Bullard, Edward P., III.
 Bullard, Edward P., III., 2,694,116.
 Bullard, Edward P., III., and Ettorre. 2,696,135.
 Johnson, Ernest H.
 Johnson, Ernest H., and La Mastra. 2,696,386.
 Bullard, Edward J., to The Bullard Clark Co. 2,696,842, Cl. 139—158.
 Bullard, Edward P., III.: *See*—
 Morgan, Porter S. 2,682,776.
 Bullard, Edward P., III., Fairfield, Conn., assignor to The Bullard Company. Material-handling apparatus and control therefor. 2,671,861, Mar. 9.
 Bullard, Edward P., III., to The Bullard Co. 2,694,116, Cl. 200—18.
 Bullard, Edward P., III., and J. E. Ettorre, to The Bullard Co. 2,696,135, Cl. 82—12.
 Bullard, Lyman G., assignor to Talbot Wool Combing Co., Division of Winslow Bros. & Smith Co. 2,674,011, Cl. 19—65.
 Bullard, R. P., assignee: *See*—
 McDaniel, Quinten G. 2,678,112.
 BullDog Electric Products Co.: *See*—
 Habermann, William A. 2,696,541.
 Herrmann, John A. 2,675,434.
 Herrmann, John A. 2,681,392.
 Herrmann, John A., and Platz. 2,696,532.
 Schwartz, Bert B., Platz, and Davis. 2,681,397.
 Bullington, Ruby C., to Sun Oil Co. 2,687,919, Cl. 302—17.
 Bullitt, Orville H., Jr.: *See*—
 Price, Charles C., Bullitt, Hudson, and Buswell. 2,691,626.
 Bullock, Ernest A. 2,698,003, Cl. 118—504.
 Bullock, Joe C., Des Moines, Iowa. Mechanical lamp shade. 2,670,431, Feb. 23.
 Bullough, Maynard. 2,694,587, Cl. 287—99.
 Bullwinkle, Benjamin B.: *See*—
 Erickson, Virginus R., and Bullwinkle. 2,679,645.
 Erickson, Virginus R., and Bullwinkle. 2,697,830.
 Bulman, E. O., Mfg. Co., Inc., The: *See*—
 Waltz, Edward W. 2,684,224.
 Bulow, Otto. 2,685,491, Cl. 312—304.
 Buls, Vernon W.: *See*—
 Ballard, Seaver A., Morris, and Buls. 2,687,403.
 Morris, Rupert C., and Buls. 2,677,678.
 Morris, Rupert C., Shokal, and Buls.
 Bultman, Laurence. 2,696,309, Cl. 210—199.
 Bump, Albert H.: *See*—
 Wilson, William S., and Bump. 2,684,300.
 Bump, Albert H., Brewster, R. Marotta, Malden, and R. D. Swisher, Winchester, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Purification of phthalic anhydride. 2,671,054, Mar. 2.
 Bump, Charles K.: *See*—
 Boyd, Thomas, Cairns, and Bump. 2,676,102.
 Bump, Charles K., and F. J. Quinn, to Monsanto Chemical Co. 2,682,520, Cl. 260—33.4.
 Bump, Zenas A. 2,677,347, Cl. 116—135.
 Bump-Air Inc.: *See*—
 Corydon, Jeff. II. 2,681,246.
 Bumstead, George N., Bethesda, Md., assignor to National Geographic Society. Copying camera. 2,673,487, Mar. 30.
 Bumstead, George N., Bethesda, Md., assignor to National Geographic Society. Automatic exposure control for copying cameras. 2,673,488, Mar. 30.
 Bunblasky, Adolph, New Canaan, and W. H. Henrich, Norwalk, assignors to Sorensen & Company, Inc., Stamford, Conn. Current regulator. 2,668,937, Feb. 9.
 Bunch, Harris, assignee: *See*—
 Kirk, Alva M. 2,674,097.
 Bunch, Robert L.: *See*—
 Butler, George B., and Bunch. 2,687,382.
 Bunch, Tillman T., Ashland, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Brake for strand handling apparatus. 2,666,289, Jan. 19.
 Bunding, Irby M., assignor to Armour and Company, Chicago, Ill. Preparation of an adrenal gland stimulating substance. 2,669,536, Feb. 16.
 Bundy Tubing Co.: *See*—
 Mally, George G.
 Payne, Arthur W. 2,686,350.
 Resler, John I. 2,679,681.
 Bungay, George W., assignor to Electrographic Corporation, New York, N. Y. Producing curved electrotypes. 2,670,326, Feb. 23.
 Bungay, George W., assignor to Electrographic Corporation. 2,679,695, Cl. 33—184.5.
 Bunge, Fred H.: *See*—
 Barr, James A., Jr., and Bunge. 2,695,100.
 Bunker, Arthur C., to American Locomotive Co. 2,686,575, Cl. 188—107.
 Bunnell, Benjamin E., New Madrid, Mo. Rotary wheel-type ditching machine. 2,669,039, Feb. 16.
 Bunnell, Raymond H.: *See*—
 Hatcher, David B., and Bunnell. 2,683,674.
 Hatcher, David B., and Bunnell. 2,684,974.
 Bunnell, Raymond H., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. 2,679,495, Cl. 260—46.5.
 Bunnell, Raymond H., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. 2,679,496, Cl. 260—46.5.
 Bunny Bear, Inc.: *See*—
 Linden, Samuel. 2,690,790.
 Buntin, George A., assignor to Hercules Powder Company. 2,678,898, Cl. 167—30.
 Bunting, Albert L. 2,688,821, Cl. 46—210.
 Bunting, Ernest V., Dearborn, assignor to Harry Ferguson, Inc., Detroit, Mich. Tractor borne agricultural implement and hitch therefor. 2,665,622, Jan. 12.
 Bunting, Ernest V., Dearborn, assignor to Harry Ferguson, Inc., Detroit, Mich. Auxiliary hydraulic apparatus for tractors. 2,672,802, Mar. 23.
 Bunting, Ernest V., assignor to Harry Ferguson, Inc. 2,677,322, Cl. 97—46.07.
 Bunzl, Hugo, to Cigarette Components Ltd. 2,685,344, Cl. 183—45.
 Buranelli, Albert F. 2,676,714, Cl. 214—16.1.
 Buras, Frederick, Jr. 2,678,755, Cl. 222—103.
 Burbeck, Donald W., Los Angeles, Calif., assignor to Hughes Tool Company, Houston, Tex. Method and apparatus for automatically measuring time intervals. 2,665,410, Jan. 5.
 Burbeck, Edward. 2,686,239, Cl. 200—105.
 Burch, Alvan V.: *See*—
 Rude, John F., and Burch. 2,688,831.
 Burch, Arthur E., to Machined Parts Corp. 2,697,762, Cl. 200—30.
 Burch Corp., The: *See*—
 Standfuss, Ernest R. 2,697,289.
 Burch, Lewis D. 2,680,950, Cl. 60—39.34.
 Burch, Paul E., to Fort Dodge Tent & Awning Co. 2,698,060, Cl. 180—54.
 Burch, Paul F., to Wolverine Shoe and Tanning Corp. 2,681,675, Cl. 146—130.
 Burch Plow Works, Inc.: *See*—
 Rude, John F., and Burch. 2,688,831.
 Burchard, Walter. 2,693,663, Cl. 46—28.
 Burchett, Ray L., East Orange, assignor to Ronson Art Metal Works, Inc., Newark, N. J. Gas lighter valve. 2,672,038, Mar. 16.
 Burchett, Ray L., assignor to Ronson Art Metal Works, Inc. 2,679,140, Cl. 62—1.
 Burchill, Walter T. 2,679,666, Cl. 20—62.
 Burckel, Christian E. 2,682,979, Cl. 223—91.
 Burckhalter, Joseph H., to Parke, Davis & Co. 2,681,910, Cl. 260—286.
 Burd, Gorman C., Clearwater, Fla. Seat frame. 2,667,916, Feb. 2.
 Burdett, Harry W., Jr., B. Pearlman, and E. A. Neu, Jr., to Reaction Motors, Inc. 2,692,024, Cl. 181—33.
 Burdett, John C., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Two-speed single-phase induction motor. 2,669,683, Feb. 16.
 Burdick Corporation, The, assignee: *See*—
 Gilson, Warren E., and Rasmussen. 2,674,992.
 Rasmussen, Sherrill K. 2,678,867.
 Burdick, Hugh T., to Illinois Tool Works. Re. 23,878, Cl. 151—7.
 Burdick, John N.: *See*—
 Eversole, William G., and Burdick. 2,690,630.
 Burdick, John N., and R. A. Jones, to Union Carbide and Carbon Corp. 2,690,062, Cl. 63—32.
 Burdick, John S., North Muskegon, A. B. Nevins, Muskegon, and J. C. King, North Muskegon, assignors to The Shaw-Walker Company, Muskegon, Mich. Chair seat cushion structure. 2,669,294, Feb. 16.
 Burdick, Robert C. 2,686,309, Cl. 2—8.
 Burdick, Will S., Wauwatosa, and R. E. Meyer, Shorewood, assignors to Harnischfeger Corporation, Milwaukee, Wis. Torque transmitting eddy-current apparatus. 2,668,922, Feb. 9.
 Burdick, William E., assignor to General Steel Castings Corporation. 2,676,550, Cl. 105—199.
 Burdin, Nelson V., to Scotts Engineering (Newport) Ltd. 2,684,192, Cl. 226—80.
 Bureau, Arthur A., and F. E. Kimmel, assignors to Western Electric Company, Incorporated. 2,678,668, Cl. 144—25.
 Bureau d'Etudes et Laboratoires Annexes a l'Institut Meurice Chimie S. P. R. L.: *See*—
 Meurice, Charles, and Parentani. 2,691,598.
 Burey, Andrew K. 2,684,434, Cl. 240—6.4.
 Burg, Fred G., Los Angeles, Calif. Machine tool of the drill press type having multiple rotary tools. 2,670,636, Mar. 2.
 Burg, Konrad, to A. P. Kantor. 2,695,776, Cl. 264—1.
 Burge, Harry, Delphos, Ohio. Apparatus for automatically opening cans, dispensing their contents, and flushing the cans. 2,668,550, Feb. 9.
 Burge, James S., Anderson, H. J. McKee, Middletown, and W. M. Rider, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Armature coil lead staker. 2,669,771, Feb. 23.
 Burge, James S., F. J. Foust, W. C. Shaw, W. M. Rider, and H. J. McKee, to General Motors Corp. 2,689,086, Cl. 235—98.
 Burge, Keith W. 2,680,039, Cl. 294—87.2.
 Burgener, Karl L., to Automatic Electric Laboratories, Inc. 2,697,139, Cl. 179—175.
 Burger, Gustav F.: *See*—
 Smith, Perry C., Dornfeld, and Burger.
 Burger, Martin, Morris, III., assignor to General Package Corporation. Egg carton set-up device. 2,668,482, Feb. 9.
 Burger, Martin, assignor to Shellmar Products Corporation. 2,677,491, Cl. 229—28.

- Burger, Martin, and L. F. Carkhuff, to General Package Corp. 2,687,069, Cl. 93—37.
- Burger, William H.: *See—*
Greiner, Charles J., Graef, Collins, Burger, and Sabee. 2,690,597.
- Burger, William H., H. A. Collins, and H. M. Ruth, to International Cellucotton Products Co. 2,688,163, Cl. 19—144.5.
- Burger, William H., and W. W. Wheelhouse, to Paper Patents Co. 2,689,985, Cl. 19—156.
- Burgess, Arthur R., Welwyn Garden City, England, assignor to Imperial Chemical Industries Limited. Synthetic resin compositions having improved light stability. 2,665,265, Jan. 5.
- Burgess, Aubrey L. 2,696,133, Cl. 81—100.
- Burgess Battery Co.: *See—*
Arbogast, Ray D. 2,686,214.
- Burlandsky, Sam.
- Burgess, Everett H., and C. E. Impey, to Vapor Heating Corp. 2,697,177, Cl. 307—64.
- Burgess, Louis, Jersey City, N. J. Coffee maker. 2,667,114, Jan. 26.
- Burgess-Norton Mfg. Co.: *See—*
Proske, Joseph. 2,687,923.
- Waller, Gustav M.
- Burgett, Monte I., Jr., to Philco Corp. 2,682,366, Cl. 235—61.
- Burgholz, Rudolf, Herten, Germany. Measuring flowing media. 2,671,174, Mar. 2.
- Burgin, Luther B. 2,686,891, Cl. 317—2.
- Burgsmüller, Karl H., to Gomerue Establishment. 2,691,921, Cl. 90—11.64.
- Burgua Corp.: *See—*
Burlingham, Michael. 2,697,764.
- Burgy, Raymond A., to Houghton Elevator Co. 2,691,149, Cl. 340—20.
- Burk, Don R.: *See—*
Foust, Floyd J., Whelchel, and Burk. 2,695,099.
- Burkard, Ralph F.: *See—*
Lillienfeld, Julius E. 2,685,053.
- Lillienfeld, Julius E. 2,686,892.
- Burke, Donald J., assignor to Erico Products, Inc. 2,680,271, Cl. 22—116.
- Burke, Donald J., to Erico Products, Inc. 2,681,969, Cl. 219—8.
- Burke, Edward J., Sr. 2,674,745, Cl. 5—69.
- Burke, Peter J., and C. Lietzau. 2,697,628, Cl. 294—87.26.
- Burke, Robert F., to Boiler Engineering & Supply Co., Inc. 2,686,611, Cl. 220—33.
- Burke, William F., and R. L. Essex, assignors to The McBee Company. 2,674,225, Cl. 118—202.
- Burke, William O., assignor to National Lock Company. 2,677,566, Cl. 292—332.
- Burke, William O., to National Lock Co. 2,681,819, Cl. 292—226.
- Burke, William O., to National Lock Co. 2,687,911, Cl. 292—341.17.
- Burkes, Alexander, assignor to Plastic Innovations, Inc., New York, N. Y. Inflatable animal toy. 2,665,519, Jan. 12.
- Burkett, George: *See—*
Womack, Eugene S. 2,681,232.
- Burkett, Griffith L., Martinsville, Ind. Machine and method for baling loose material. 2,670,675, Mar. 2.
- Burkhard, Charles A., to General Electric Co. 2,689,859, Cl. 260—448.2.
- Burkhard, Ralph H., to Boeing Airplane Co. 2,692,744, Cl. 244—137.
- Burkhard, William C., Jr., and N. W. Magyar, to The Glenn L. Martin Co. Re. 23,894, Cl. 200—168.
- Burkhard, William C., Jr., Towson, and N. W. Magyar, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Waterproof switch assembly. 2,666,829, Jan. 19.
- Burkhart, David C. 2,691,493, Cl. 242—149.
- Burkhart, Robert E.: *See—*
Purifoy, George R., and Burkhart. 2,693,562.
- Burkholder, John C., Toronto, Ontario, Canada. Timer. 2,670,039, Feb. 23.
- Burkholder, William E. 2,682,716, Cl. 37—144.
- Burkholz, Joseph. 2,686,376, Cl. 36—9.
- Burkli, Olga, assignee: *See—*
Marko, Adolf, and Kordes.
- Burks, Joseph. 2,690,578, Cl. 15—121.1.
- Burks, Lowell. 2,693,230, Cl. 160—351.
- Burla, Ronald L., assignor to The Cadwell Corporation, Beverly Hills, Calif. Automatic slide projector. 2,671,378, Mar. 9.
- Burla, Ronald L., assignor to The Cadwell Corporation. 2,677,986, Cl. 88—28.
- Burland, Peter D., assignor to Monsanto Chemical Company. 2,678,944, Cl. 260—465.9.
- Burling, Eathel O., and H. O. Nelson, to California Packing Corp. 2,694,489, Cl. 209—12.
- Burlingham, Michael, to Burgua Corp. 2,697,764, Cl. 200—83.
- Burlington Mills Corp.: *See—*
Butler, Vaughn. 2,674,867.
- Butler, Vaughn H. 2,694,304.
- Holmes, Mark N.
- Burman, Frank V. 2,682,954, Cl. 210—200.
- Burmeister, Howard F., to Royal Electric Mfg. Co. 2,696,080, Cl. 60—52.
- Burn, James & Co. Ltd.: *See—*
Mercer, John L. C., and Heath. 2,688,913.
- Burn, Philip H. 2,678,165, Cl. 235—92.
- Burn, Philip H. 2,689,384, Cl. 20—1.13.
- Burndy Engineering Co., Inc.: *See—*
Brautigam, John J. 2,695,347.
- Dibner, Bern. 2,674,647.
- Dupre, Henry P.
- Lazar, Michael D.
- MacDonald, Roderic A. 2,676,390.
- Matthysse, Irving F.
- Matthysse, Irving F. 2,683,200.
- Matthysse, Irving F., and Greer. 2,695,348.
- Paucek, Andrew J. 2,683,095.
- Burnelli, Vincent J., Englewood, N. J. Airplane flap and ground contact control means therefor. 2,668,027, Feb. 2.
- Burnelli, Vincent J., and H. J. Knerr. 2,685,420, Cl. 244—13.
- Burner, Willard C.: *See—*
Levinos, Steven, and Burner. 2,696,439.
- Burness, Donald M.: *See—*
Humphlett, Wilbert J., and Burness. 2,676,990.
- Burness, Donald M., and C. D. Robeson, assignors to Eastman Kodak Company. 2,676,994, Cl. 260—611.
- Burnett, Loda E. 2,696,276, Cl. 184—1.
- Burney, Donald E.: *See—*
Cerveny, William J., Burney, and Weisemann. 2,685,577.
- Burney, John H.: *See—*
Baker, Howard R., and Burney. 2,674,389.
- Burnham, John, to Sprague Electric Co. 2,684,317, Cl. 154—80.
- Burnham, John, to Sprague Electric Co. 2,692,210, Cl. 117—48.
- Burnham, Lee H., Lees Summit, Mo. Buffing and polishing machine. 2,672,634, Mar. 23.
- Burnham, Virgil A., to Saco-Lowell Shops. 2,686,940, Cl. 19—135.
- Burnham, Virgil A., and A. C. Adams, to Saco-Lowell Shops. 2,689,383, Cl. 19—131.
- Burns, Arthur E., Jr., assignor to Hart and Burns, Incorporated, Riverside, Calif. Corrosionproof tank lining and protective coating. 2,673,817, Mar. 30.
- Burns, Beryl D. 2,679,189, Cl. 88—24.
- Burns, Beryl D. 2,697,962, Cl. 88—24.
- Burns, Bruce. 2,685,218, Cl. 81—84.
- Burns, Charles, and S. S. Carlisle, assignors to The British Iron & Steel Research Association, London, England. Method and apparatus for continuously measuring a dimension of a moving object. 2,670,651, Mar. 2.
- Burns, Grover P., and H. C. Shull. 2,680,834, Cl. 324—30.
- Burns, Howard B. 2,686,472, Cl. 102—20.
- Burns, Howard C., and H. D. Wilson, assignor to The Electric Auto-Lite Company, Toledo, Ohio. Producing storage batteries. 2,672,497, Mar. 16.
- Burns, Jay E.: *See—*
Bateman, William R., Matter, and Burns. 2,693,968.
- Burns, Jay R., assignor to The Dow Chemical Company. 2,679,932, Cl. 207—10.
- Burns, Leslie L., Jr., Princeton, N. J., assignor to Radio Corporation of America. Magnetometer. 2,671,275, Mar. 9.
- Burns, Leslie L., Jr., and W. V. B. Roberts, Princeton, N. J., assignors to Radio Corporation of America. Torsional filter. 2,667,621, Jan. 26.
- Burns, Lester J.: *See—*
Faircloth, Lee V., and Burns. 2,696,928.
- Burns, Richard H., to Indiana Steel & Wire Co. 2,685,123, Cl. 29—90.5.
- Burns, Robert A.: *See—*
Wincentzen, Forest R., Marik, and Burns. 2,693,038.
- Burns, William E. 2,688,953, Cl. 121—41.
- Burnside, Carl B., assignor to Eli Lilly and Company. 2,677,374, Cl. 128—218.
- Burnside, Don G., Princeton, N. J., assignor to Radio Corporation of America. Metallizing ceramics. 2,667,431, Jan. 26.
- Burnside, Don G., assignor to Radio Corporation of America. 2,678,876, Cl. 41—42.
- Burnside, Harvey E. W.: *See—*
Brown, James W., and Burnside. 2,683,158.
- Burnstein, George, Norristown, Pa. Pocket cigarette-making device. 2,668,545, Feb. 9.
- Burnwell Incinerator Corporation, assignee: *See—*
Blum, Joseph K., R. G., and D. J. 2,678,008.
- Blum, Joseph K., R. G., and D. J. 2,678,009.
- Burr, Lester H., to The Colson Corp. 2,685,147, Cl. 45—137.
- Burr, Ned, Homewood, and F. Drueck, Jr., Chicago, Ill., assignors to Chicago Cardboard Company. Collapsible birdhouse. 2,666,414, Jan. 19.
- Burrage, Leslie J., and C. R. Beveridge, assignors to Imperial Chemical Industries Limited. 2,674,569, Cl. 202—46.
- Burrell, Clarence R., Cincinnati, Ohio. Resilient wheel. 2,667,767, Feb. 2.
- Burrell, Frank C. 2,686,691, Cl. 296—107.
- Burrell, Gilbert: *See—*
Rundquist, Henning W., and Burrell. 2,680,519.

- Burri, Karl: *See*—
Aschwanden, Paul, and Burri.
- Burridge, Kenneth G., and H. A. Hirst, to Dunlop Tire and Rubber Corp. 2,686,733, Cl. 117—17.
- Burrill, Ernest A., assignor to High Voltage Engineering Corporation. 2,680,815, Cl. 250—49.5.
- Burris, Philo L., to Eli Lilly and Co. 2,687,367, Cl. 167—82.
- Burris, John G. 2,682,227, Cl. 103—40.
- Burris, Joseph J. Re. 23,860, Cl. 255—27.
- Burris-Meyer, Harold, to Control, Inc. 2,688,873, Cl. 73—172.
- Burroughs Adding Machine Company, assignee: *See*—
Avery, Robert W.
- Burroughs Corp.: *See*—
Butler, Thomas M. 2,693,906.
Hyland, John J. Re. 23,847.
Orr, Lyman W., and Sands. 2,698,399.
Orr, Lyman W., and Woerner. 2,685,653.
Parker, Charles A., and Rainey. 2,696,945.
Rast, Frederick Q. 2,681,614.
Wockenfuss, William, and Speh. 2,683,410.
- Burroughs, Edwin E., to St. Regis Paper Co. 2,690,120, Cl. 101—178.
- Burroughs, Halbert P., Seattle, Wash. Toy balloon holder. 2,664,667, Jan. 5.
- Burroughs, Robert C. 2,697,997, Cl. 113—116.
- Burroughs, Walter L., and C. L. Shaw, to Eldon Mfg. Co. 2,698,084, Cl. 206—45.13.
- Burroughs Welcome & Co. (U. S. A.) Inc.: *See*—
Adamson, Donald W. 2,698,325.
Adamson, Donald W., and Wilkinson. 2,683,543.
Ainsworth, Geoffrey C., and Pope. 2,695,261.
Coombs, Maurice M., and Gray. 2,691,657.
Copp, Frederick C. 2,691,677.
Duffin, Walter M. 2,686,785.
Hitchings, George H., and Elion. 2,691,654.
Hitchings, George H., and Elion. 2,697,709.
Hitchings, George H., and Robins. 2,686,781.
Hitchings, George H., and Robins. 2,697,710.
Hitchings, George H., and Russell. 2,676,965.
Hitchings, George H., and Russell. 2,682,542.
Hitchings, George H., and Russell. 2,691,655.
Hitchings, George H., Russell, and Falco. 2,688,019.
Hitchings, George H., Russell, and Falco. 2,697,708.
- Burroughs, William P.: *See*—
Gillette, Charles R., and Burroughs. 2,683,343.
- Burrow, William R., and J. Middlin, Port Pirie, South Australia, assignors to The Broken Hill Associated Smelters Proprietary Limited, Melbourne, Victoria, Australia. Continuous oxidizing operations. 2,672,412, Mar. 16.
- Burrowes, John B., to The Lau Blower Co. 2,686,630, Cl. 230—117.
- Burrows, Charles F., to Aluminum Co. of America. 2,692,851, Cl. 204—58.
- Burrows, Charles F., to Aluminum Co. of America. 2,692,852, Cl. 204—58.
- Burrows, Edwin S., assignee: *See*—
Harris, Arthur O. 2,679,997.
- Burrows, Harry J., and M. M. Blonchek, to The Standard Oil Co. 2,681,131, Cl. 198—40.
- Burrows, Lawton A., Mendenhall, Pa., and M. A. Cook, Salt Lake City, Utah, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., Oil well torpedo. 2,667,122, Jan. 26.
- Burrows, Lawton A., and G. H. Kalb, assignors to E. I. du Pont de Nemours & Company. 2,677,688, Cl. 260—290.
- Burrows, Milford D., S. Z. Siwek, and H. Goldberg to Pioneer Gen-E-Motor Corp. 2,688,287, Cl. 103—137.
- Burrows, Philip R., to The Bristol Co. 2,683,203, Cl. 201—63.
- Burrows, Robert E., M. R. Elliott, and G. L. Turner, to Clark Equipment Co. 2,697,491, Cl. 180—19.
- Burstein, Elias, Washington, D. C. Infrared detector. 2,671,154, Mar. 2.
- Burt, F. N., Company, Inc., assignee: *See*—
Trout, Clyde H.
- Burt, Farlow B., assignor to Bendix Aviation Corporation. 2,677,549, Cl. 274—1.
- Burt, Nelson O., and A. P. Jurgensen, to General Fuse Co. 2,682,587, Cl. 200—131.
- Burt, Wesley S., Lynn, Mass., assignor to General Electric Company. Photocell angle response compensator. 2,668,246, Feb. 2.
- Burt, William C., assignor to Clair Manufacturing Company, Inc. 2,677,219, Cl. 51—263.
- Burt, William E.: *See*—
Kolka, Alfred J., Burt, and Hoftiezer. 2,692,899.
- Burthey, Claude C. 2,690,754, Cl. 131—178.
- Burtis, Theodore A., to Houdry Process Corp. 2,695,197, Cl. 302—59.
- Burtis, Theodore A., and H. A. Shabaker, assignors to Houdry Process Corporation. 2,675,275, Cl. 302—57.
- Burtman, Leonard M., to Telecontrols-International, Inc. 2,689,902, Cl. 219—32.
- Burtner, Robert R., assignor to G. D. Searle & Co. 2,676,968, Cl. 260—294.7.
- Burtner, Robert R., to G. D. Searle & Co. 2,688,022, Cl. 260—296.
- Burtner, Robert R., to G. D. Searle & Co. 2,690,441, Cl. 260—294.
- Burton, Allan L., assignor to American Optical Company. 2,680,205, Cl. 313—92.
- Burton, Frederick J., Jr.: *See*—
Swinehart, Carl F., and Burton. 2,697,027.
- Burton, Hazel C., Gardena, Calif. Colostomy apparatus. 2,669,235, Feb. 16.
- Burton, Henry, Gardena, Calif. Relay. 2,665,345, Jan. 5.
- Burton, Lawrence C. 2,683,417, Cl. 103—37.
- Burton, Lester W., Danvers, and S. P. Jackson, Lynn, Mass., assignors to General Electric Company. Electric regulating apparatus. 2,673,324, Mar. 23.
- Burton, Robert C.: *See*—
Guenther, Edgar G., and Burton.
- Burton, William P., to The M. W. Kellogg Co. 2,698,285, Cl. 202—42.
- Burt, Horatio H., and D. R. De Tar; said De Tar assignor to said Burt. 2,689,337, Cl. 339—217.
- Burt, Horatio H., and D. R. De Tar, said De Tar assignor to said Burt. 2,691,771, Cl. 339—217.
- Burwell, Gordon E., assignor to American Telephone and Telegraph Company. 2,677,011, Cl. 178—2.
- Burwen, Frank W.: *See*—
Hoffman, Saul J., and Burwen. 2,696,746.
- Burwen, Richard S. 2,695,337, Cl. 179—171.
- Bury Compressor Company, assignee: *See*—
Carney, Fred J.
- Bury, Ralph, assignor to O'Keefe & Merritt Company. 2,674,990, Cl. 126—214.
- Busack, Leonard W. H., and M. G. and W. W. P. Stelter, Echo, Minn. Grain separating process and apparatus. 2,670,845, Mar. 2.
- Busby, Marvin L. 2,685,347, Cl. 184—15.
- Busby, Terence S., M. Manners, and J. H. Partridge, assignors to The General Electric Company Limited. 2,675,323, Cl. 106—57.
- Busby, Terence S., and J. H. Partridge, assignors to The General Electric Company Limited. 2,675,324, Cl. 106—67.
- Busch, Lee S.: *See*—
Dickinson, Robert H., and Busch.
Grubel, Ralph O., and Busch.
- Busch, Rudolph E., Lincoln Park, and E. L. Kurtzwarth, assignors to General Motors Corporation, Detroit, Mich. Polishing buff wheel. 2,668,398, Feb. 9.
- Busch, Rudolph H.: *See*—
Dworak, Joseph R., and Busch.
- Busch, Thomas N., Mobile, Ala. Bark-removing drum combined with hydraulic jet. 2,665,721, Jan. 12.
- Buschbom, Floyd E. 2,693,285, Cl. 214—77.
- Buschi, Feliciano, New York, N. Y. Light reflecting cover for lamps. 2,673,285, Mar. 23.
- Buschman, Howard, to Buschman Products Inc. 2,681,583, Cl. 81—84.
- Buschman Products Inc.: *See*—
Buschman, Howard. 2,681,583.
- Buschman, Willard H., assignor to R. A. Frederick Company, Inc. 2,679,688, Cl. 30—117.
- Busemann, Felix, to E. R. A. Patents Ltd. 2,684,460, Cl. 321—11.
- Busemann, Felix, to E. R. A. Patents Ltd. 2,684,461, Cl. 321—11.
- Buser, Johann, Riehen, Switzerland. Electric lamp for mixed light. 2,669,676, Feb. 16.
- Busfield, Gordon, Annandale, N. Y., assignor to Research Corporation, New York, N. Y. Gaslock for spray nozzles. 2,667,341, Jan. 26.
- Bush, A. G., assignee: *See*—
Criner, Henry J. 2,679,274.
- Bush, Cecil D.: *See*—
Craig, Lester M., and Bush. 2,696,362.
- Bush, Denis G.: *See*—
Massey, Bernard S., Bush, and Howarth. 2,696,975.
- Bush, Elmer W. 2,680,646, Cl. 296—44.
- Bush, George B., to the United States of America as represented by the Secretary of the Navy. 2,695,358, Cl. 250—20.
- Bush, John H.: *See*—
Lovell, Stanley P., and Bush. 2,677,646.
- Bushell, Elmer H., San Bruno, Calif., assignor of one-half to Z. K. Page, Abilene, Tex. Double door operator. 2,670,952, Mar. 2.
- Bushemi, Anthony J. 2,681,093, Cl. 152—206.
- Bushey, Walter C., and C. T. McLuen. 2,688,990, Cl. 143—161.
- Bushnell, David S., Seattle, Wash. Skid chain applying device. 2,672,911, Mar. 23.
- Bushnell, Edward W. 2,696,207, Cl. 128—33.
- Bushnell, William H., to S. G. Bloomer, and W. H. Bushnell, d. b. a. Master Hole Cutter Co. 2,693,853, Cl. 164—71.
- Bushong, Robert J., and J. L. Montgomery, to Insley Mfg. Corp. 2,688,411, Cl. 212—59.
- Busquet, Charles S. 2,679,701, Cl. 37—2.
- Busquet, Jan C., to Koninklijke Machinefabriek Gebr. Stork & Co. N. V. 2,685,341, Cl. 170—160.34.
- Busquet, Jan C., to Koninklijke Machinefabriek Gebr. Stork & Co., N. V. Hengelo. 2,688,719, Cl. 318—372.
- Buss, Ernest. 2,682,230, Cl. 103—120.
- Buss, Hadley N. 2,694,424, Cl. 144—114.
- Bussard, Emmery J. H., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Tuner for television receivers. 2,668,198, Feb. 2.
- Bussard, Emmery J. H., to Avco Mfg. Corp. 2,694,150, Cl. 250—40.

- Bussard, Kyffin T., deceased, Albany, Oreg., W. Ruthruff, executor of said K. T. Bussard, assignor to R. D. Bussard, Albany, Oreg. Basket cover. 2,666,482, Jan. 19.
- Bussard, R. D., assignee: *See*—
Bussard, Kyffin T.
- Busse, Karl J., 2,674,826, Cl. 43—57.5.
- Busser, Claude B., Horton, Kans. Thermostat control for gas stoves. 2,673,688, Mar. 30.
- Bussert, Charles L.: *See*—
Kingston, Walter E., Zavarine, and Bussert. 2,697,869.
- Busseti, Giuseppina, heir: *See*—
Kachkaroff, Pierre, and Guareschi. 2,678,872.
- Bussey, William H., Rockford, Ill. Thermometric system for measuring the freezing point. 2,671,335, Mar. 9.
- Bussmann, Aloysius B., Jr. 2,688,654, Cl. 174—163.
- Busso, Charles J., Oakland, and E. L. Walters, assignors to Shell Development Company, San Francisco, Calif. Clathrate compound formation. 2,673,195, Mar. 23.
- Bustin, Leopold, Mamaroneck, N. Y. Grating. 2,668,484, Feb. 9.
- Buswell, Arthur M.: *See*—
Price, Charles C., Bullitt, Hudson, and Buswell. 2,691,626.
- Buswell, Arthur M., and C. S. Boruff. 2,686,146, Cl. 195—13.
- Butcher, Richard A.: *See*—
Ericks, Walter P., and Butcher. 2,696,449.
- Butenhoff, Harry W., to H. & O. Tool Co. 2,695,525, Cl. 74—169.
- Buth, William F.: *See*—
Heinrich, Herbert, and But.
- Butler, Arnold A., French Camp, assignor of two percent to F. A. Raymond and two percent to M. Hill, Tracy, Calif. Patient transferring device. 2,665,432, Jan. 12.
- Butler, Charles L., 12% to D. E. Saffell, and 12½% to L. B. Saffell. 2,685,095, Cl. 10—89.
- Butler, Clarence A., Jr., to Diamond Alkali Co. 2,681,884, Cl. 204—98.
- Butler, Clarence A., Jr., to Diamond Alkali Co. 2,681,887, Cl. 204—258.
- Butler, Clyde A., to Pekor Iron Works, Inc. 2,690,131, Cl. 103—114.
- Butler, Donald: *See*—
Lowe, Arnold J., and Butler. 2,697,104.
- Butler, Edgar M., to Butler Engineering Co., Inc. 2,687,996, Cl. 204—248.
- Butler, Edward S., Chadderton, Oldham, and A. Sutcliffe, Werneth, Oldham, assignors to Platt Brothers and Company Limited, Oldham, England. Safety device for looms for weaving tufted pile fabrics. 2,666,458, Jan. 19.
- Butler, Edward S., and A. Sutcliffe, assignors to Platt Brothers and Company Limited. 2,675,029, Cl. 139—370.
- Butler Engineering Co., Inc.: *See*—
Butler, Edgar M. 2,687,996.
- Butler, Ernest H. 2,678,655, Cl. 132—50.
- Butler, Ernest J.: *See*—
Morey, Leon P., and Butler. 2,685,323.
- Butler, Frank D., Venice, Calif. Internal-combustion turbine. 2,667,744, Feb. 2.
- Butler, Frank D. 2,680,949, Cl. 60—39.34.
- Butler, Frank D. 2,687,048, Cl. 74—655.
- Butler, George B., and R. L. Bunch, to Board of Commissioners of State Institutions of the State of Florida. 2,687,382, Cl. 260—2.1.
- Butler, George V., and E. P. MacDonough, to Chance Vought Aircraft, Inc. 2,685,469, Cl. 287—129.
- Butler, Henry J.: *See*—
Wright, Joseph, and Butler. 2,679,303.
- Butler, Henry J., Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London County, England. Self-tightening disk brake. 2,672,223, Mar. 16.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. 2,697,499, Cl. 188—218.
- Butler, Hugh E. J.: *See*—
Travers, Walter A., and Butler.
- Butler, James A. 2,689,609, Cl. 164—19.
- Butler, John E., to National Steel Corp. 2,686,135, Cl. 117—102.
- Butler, John M., Centerville, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,665,268, Jan. 5.
- Butler, John M., Centerville, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of styrene derivatives. 2,671,111, Mar. 2.
- Butler, John M., assignor to Monsanto Chemical Company. 2,676,934, Cl. 260—28.5.
- Butler, John M., to Monsanto Chemical Co. 2,687,421, Cl. 260—404.8.
- Butler, John M., to Monsanto Chemical Co. 2,696,472, Cl. 252—33.6.
- Butler, John M., to Monsanto Chemical Co. 2,696,492, Cl. 260—429.
- Butler, Joseph F. 2,674,117, Cl. 72—135.
- Butler, Keith H., and H. H. Homer, to Sylvania Electric Products Inc. 2,691,601, Cl. 117—33.5.
- Butler Mfg. Co.: *See*—
Walker, Samuel J. 2,687,108.
- Butler, Richard K.: *See*—
Swanson, Kenneth P., and Butler. 2,691,402.
- Butler, Richard K., assignor, by mesne assignments, to Textile Engineering Corporation. 2,678,473, Cl. 19—142.
- Butler, Richard K., assignor, by mesne assignments, to Textile Engineering Corporation. 2,678,474, Cl. 19—142.
- Butler, Robert W., Moylan, assignor to United Specialties Company, Philadelphia, Pa. Turn signal switch. 2,673,905, Mar. 30.
- Butler, Robert W., Moylan, assignor to United Specialties Company, Philadelphia, Pa. Turn signal switch. 2,673,906, Mar. 30.
- Butler, Roy T., to Briggs Mfg. Co. 2,693,381, Cl. 292—117.
- Butler, Smedley D., Jr. 2,692,086, Cl. 236—34.
- Butler, Stanley S. 2,675,814, Cl. 134—168.
- Butler, Thomas M., to Burroughs Corp. 2,693,906, Cl. 235—60.31.
- Butler, Vaughn, assignor to Burlington Mills Corporation. 2,674,867, Cl. 66—149.
- Butler, Vaughn H., to Burlington Mills Corp. 2,694,304, Cl. 66—150.
- Butler, Wendell, and S. F. Pride. 2,683,024, Cl. 257—164.
- Butler, William F., Oakland, assignor to Cutter Laboratories, Berkeley, Calif. Needle assembly and producing said assembly. 2,665,689, Jan. 12.
- Butler, William F., Oakland, assignor to Cutter Laboratories, Berkeley, Calif. Valved flow meter for parenteral solution injection sets. 2,672,051, Mar. 16.
- Butlin, Charles E., Plattsburg, assignor, by mesne assignments, to American Safety Razor Corporation, Brooklyn, N. Y. Injector razor. 2,666,257, Jan. 19.
- Butlin, Charles E., assignor, by mesne assignments, to American Safety Razor Corporation. 2,674,036, Cl. 30—40.
- Butow, Stanley H., Wilmette, Ill. Moisture collector for flush tanks. 2,671,227, Mar. 9.
- Butsch, Paul V., to United States Rubber Co. 2,691,191, Cl. 18—39.
- Butterfield, John P., Grosse Pointe Park, assignor to Chrysler Corporation, Highland Park, Mich. Torque compensated link suspension. 2,669,315, Feb. 16.
- Butterfield, John P., to Chrysler Corp. 2,684,131, Cl. 188—78.
- Butterfield, John P., to Chrysler Corp. 2,687,192, Cl. 188—264.
- Butterfield, John P., Grosse Pointe Woods, and H. W. Gilfillan, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission unit. 2,668,460, Feb. 9.
- Butterfield, Louis B., to Western Electric Co., Inc. 2,693,416, Cl. 95—19.
- Butterworth, Arthur B. 2,691,178, Cl. 5—113.
- Butterworth, Gilbert J., to Sperry-Sun Well Surveying Co. 2,692,754, Cl. 255—1.6.
- Butterworth, H. W., and Sons Co.: *See*—
Henry, George E. 2,694,307.
- Butterworth, John W., to Clevite Corp. 2,688,402, Cl. 209—208.
- Buttery, Kenneth T., assignor to Sutherland Paper Company. 2,675,160, Cl. 229—33.
- Buttery, Kenneth T., assignor to Sutherland Paper Company. 2,675,161, Cl. 229—34.
- Buttery, Kenneth T., assignor to Sutherland Paper Company. 2,675,163, Cl. 229—36.
- Buttery, Kenneth T., assignor to Sutherland Paper Company. 2,677,492, Cl. 229—31.
- Buttery, Kenneth T., assignor to Sutherland Paper Company. 2,677,494, Cl. 229—39.
- Buttery, Kenneth T., assignor to Sutherland Paper Company. 2,677,495, Cl. 229—39.
- Buttery, Kenneth T., assignor to Sutherland Paper Company. 2,678,153, Cl. 229—36.
- Büttner, Artur, assignor to Schnellpressenfabrik Aktiengesellschaft Heidelberg. 2,676,541, Cl. 101—391.
- Button, Charles T.: *See*—
Durbin, Vernon, and Button.
- Butts, Claud. 2,688,949, Cl. 119—103.
- Butz, Arthur N., Jr.: *See*—
Hunt, Frederick V., Schuck, Rutherford, Hathaway, and Butz.
- Buus, Harold W.: *See*—
Stearns, Roswell H., and Buus. 2,695,709.
- Buxton, Inc.: *See*—
Broughton, Douglas J. 2,675,043.
Corey, Donald W. 2,685,550.
Fontana, Giampiero. 2,686,545.
Marymount, Jesse H. 2,685,193.
- Buyse, Emil P.: *See*—
Wesstrom, Alfred, and Buyse. 2,677,408.
- Buzas, Anthony F. 2,684,826, Cl. 249—58.
- Buzzi, Riccardo, to I. Rizzieri. 2,697,552, Cl. 235—145.
- Byatt, Dennis W. G., to Marconi's Wireless Telegraph Co., Ltd. 2,695,406, Cl. 343—118.
- Byberg, Jonas J. 2,686,045, Cl. 259—40.
- Bychinsky, Wilfred A., assignor to General Motors Corporation. 2,679,627, Cl. 324—15.
- Bydalek, Floyd J., to Milwaukee Gas Specialty Co. 2,687,274, Cl. 251—76.
- Byer, Walter C.: *See*—
Tommarchi, Paul, and Byer.
- Byerley, Wilbur M., Crum Lynne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heat exchange apparatus. 2,666,625, Jan. 19.
- Byers, A. M., Co.: *See*—
Story, Edward B. 2,686,742.

- Byers, John R., Jr.: *See*—
 Allen, Charles F. H., and Byers. 2,692,269.
 Allen, Charles F. H., Byers, and Sprague.
- By-Products Processing Laboratories, Inc., assignee: *See*—
 Winkler, Joseph.
- Byram, Frederick C., and S. S. L. Chang, to Robbins & Myers, Inc. Re. 23,870, Cl. 103—133.
- Byrd, John F., and J. D. Phyfe, assignors to Radio Corporation of America. 2,678,272, Cl. 307—113.
- Byrd, John F., and J. D. Phyfe, to Radio Corp. of America. 2,691,160, Cl. 340—310.
- Byrd, W. Lee, assignee: *See*—
 Howard, Oliver W.
- Byrne, John F., assignor, by mesne assignments, to Hewlett-Packard Company. 2,677,807, Cl. 333—6.
- Byron, Anthony J. 2,679,430, Cl. 294—103.
- Byron, Michael. 2,677,040, Cl. 219—38.
- Byrum, James E.: *See*—
 Glazer, Meyer, and Byrum. 2,685,403.
- Bystrom, Harry O., Modesto, Calif. Baby crib. 2,669,730, Feb. 23.
- Bystrom, Sigfred O. 2,693,941, Cl. 257—171.
- Bywater, James E., to Ford Motor Co. 2,692,148, Cl. 280—460.
- C. A. V. Ltd.: *See*—
 Bevis, William A. 2,678,211.
 Evans, Fraser M. 2,679,836.
 Muraszew, Alexander. 2,696,809.
 Wheatley, Denis, and Adams. 2,695,382.
- C & C Tool Corporation, assignee: *See*—
 Cormany, David R.
- C & D Batteries, Inc., assignee: *See*—
 Carlile, Frank S.
 Jensen, Henry E. 2,678,960.
 Jensen, Henry E. 2,678,962.
- C. D. Patents Limited, assignee: *See*—
 Foster, David B., and Norman.
 Greaves, Charles D., and Atkins.
 Greaves, Charles D., and Parker. 2,674,763.
 Norman, William S., and Sawyer.
- C-Eight Laboratories, assignee: *See*—
 Caruso, Mario.
- C & F Machine Works: *See*—
 Chase, Sidney J., and O'Reilly. 2,697,609.
- C-O-Two Fire Equipment Co.: *See*—
 Allen, Frank B. 2,682,356.
 Allen, Frank B. 2,684,180.
 Allen, Frank B., and Siebens.
 Hill, Robert H. 2,682,967.
 Siebens, Norman H. 2,674,325.
 Van Zandt, Harvey, and Sesnie.
- CPC Engineering Corp.: *See*—
 Pote, Lloyd W. 2,682,701.
- C. S. I. Sales Company, assignee: *See*—
 Goodwin, Hoyle T.
- C. U. R. A. Patents Ltd.: *See*—
 Allan, George W. C., Dale, Sparham, and Brown. 2,696,019.
- C. V. A. Jigs Moulds & Tools Limited, assignee: *See*—
 Fishwick, Robert.
 Pulman, William E. R. 2,676,385.
- Cable Electric Products, Inc.: *See*—
 Grohsgal, Alexis C. 2,682,655.
- Cabot, Godfrey L., Inc.: *See*—
 Abboud, Harry I. 2,697,591.
 Bradley, John M. 2,697,069.
 Jordan, Merrill E.
 Jordan, Merrill E. 2,686,107.
 Kahn, Samuel, and Pings. 2,695,279.
 Kistiakowsky, George B., Halsey, Malin, and Knight. 2,690,960.
 Stokes, Charles A.
 Wendell, Charles B., Jr. 2,675,214.
 Wendell, Charles B., Jr., and Engelson. 2,693,406.
- Cabot, Samuel, and G. Cohen, to Pacific Mills. 2,692,184, Cl. 8—139.
- Cabul Tool Company Limited, assignee: *See*—
 Pocknee, James K.
- Cacciotti, Joseph J., Perth Amboy, N. J., assignor to National Lead Company, New York, N. Y. Titanium nitride and improved process for preparation of same. 2,672,401, Mar. 16.
- Cade, Phillip J.: *See*—
 Anderson, Norman C., Bredesen, and Cade. 2,674,677.
- Cadella, Anthony. 2,677,324, Cl. 100—98.
- Cadorette, Eudore F., to Sun Oil Co. 2,688,512, Cl. 294—106.
- Cadwell Corporation, The, assignee: *See*—
 Burla, Ronald L. 2,677,986.
- Cadwell, Leonard E.: *See*—
 Frazier, Charles, and Cadwell. 2,681,897.
- Cadwell, Maud H., executrix: *See*—
 Harris, Carl C., and Cadwell. 2,684,031.
- Cadwell, Vyrl E. 2,683,381, Cl. 74—481.
- Cady, George H.: *See*—
 Silvey, Gene A., and Cady. 2,697,726.
- Cady, George H., and K. B. Kellogg. 2,689,254, Cl. 260—453.
- Cady, Paul C.: *See*—
 Adams, Arthur R., Grizzard, and Cady. 2,682,424.
- Cady, Robert G., assignor to Ajax Flexible Coupling Co., Inc. 2,674,381, Cl. 214—17.
- Cady, Stanley S., St. Paul, and W. E. Sabatka, Minneapolis, Minn. Apparatus for filtering and agitating plating solutions. 2,667,270, Jan. 26.
- Cafa-Itoll, Inc., assignee: *See*—
 Boots, Arthur A.
- Cafcas, Thomas H., Chicago, and A. W. Lindert, Homewood, assignors to Standard Oil Company, Chicago, Ill. Metal-working compositions. 2,668,146, Feb. 2.
- Cage, John M., Upper Montclair, N. J. Micro-microwave generator. 2,671,857, Mar. 9.
- Cage, John M. 2,698,388, Cl. 250—40.
- Cagniard, Louis, assignor to Centre National de la Recherche Scientifique. 2,677,801, Cl. 324—1.
- Cahen, Alfred. 2,679,901, Cl. 164—64.
- Cahen, Roger, assignor to La Radio Industrie, Paris, France. Stereoscopic television method and apparatus. 2,665,335, Jan. 5.
- Cahen, Roger R., to Societe "La Radio-Industrie." 2,691,612, Cl. 154—110.
- Cahill, Bernard S., assignor to Pioneer Electric and Research Corporation. 2,675,537, Cl. 340—147.
- Cahill, Joseph E. 2,679,945, Cl. 220—32.
- Cahn, Robert P., Elizabeth, and L. D. Etherington, Cranford, N. J., assignors to Standard Oil Development Company. Adsorption process. 2,666,500, Jan. 19.
- Cain, Cornelius K., Flourtown, Pa., assignor to Research Corporation, New York, N. Y. 2,4-diamino pteridine and derivatives. 2,667,486, Jan. 26.
- Cain, Donald G., C. S. Goddin, Jr., and N. M. Caruthers, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Regenerating carboxylic acids from their salts. 2,670,366, Feb. 23.
- Cain, Farrell O., assignor of one-half to H. O. Cain, Geneva, Ala. Pivoted metal-working hammer. 2,664,773, Jan. 5.
- Cain, Hardy O., assignee: *See*—
 Cain, Farrell O.
- Caine, Walter J.: *See*—
 Darner, Frederic M., and Caine.
- Caird, Clarissa E., assignee: *See*—
 Caird, Peter. 2,678,847.
- Caird, Peter, assignor to C. E. Caird. 2,678,847, Cl. 299—131.
- Cairelli, Eremeldo: *See*—
 Buenger, Edward F., Uhrmacher, Cairelli, and Rundblad.
 Segal, Samuel, and Cairelli.
- Cairns, Fred E., Jr., to General Controls Co. 2,684,115, Cl. 158—123.
- Cairns, Robert E.: *See*—
 Boyd, Thomas, Cairns, and Bump. 2,676,102.
- Cairns, Theodore Le S., and W. W. Gilbert, to E. I. du Pont de Nemours & Co. 2,692,268, Cl. 260—315.
- Caitung, Seweryn. 2,678,747, Cl. 215—5.
- Cake, William R., to Heyden Chemical Corp. 2,696,507, Cl. 260—637.
- Calabro, Natale, Pittsburgh, assignor of one-half to A. S. Ortale, Mount Lebanon, and R. E. Ferree, Tarentum, Pa. Dispensing device for catchup bottles. 2,673,663, Mar. 30.
- Calaman, Joseph J.: *See*—
 Smith, George H., Higginbotham, Mitchell, and Calaman. 2,675,994.
- Calamore, John P., to City Tank Corp. 2,692,062, Cl. 214—518.
- Calavo Growers of California: *See*—
 Adams, Loyd. 2,680,957.
- Calbiano, Alberto, assignor to Ponteggi Tubolari Dalmine Innocenti S. p. A., Milan, Italy. Clamp. 2,671,679, Mar. 9.
- Calcinator Corp.: *See*—
 Herbert, John W. 2,696,178.
- Calcium Carbonate Company, assignee: *See*—
 McHan, Brack B.
- Caldeira, Ruth A., Brooklyn, N. Y. Safety device for invalids' wheel chairs. 2,667,945, Feb. 2.
- Calder, Alan R.: *See*—
 Fienberg, Nathan, and Calder. 2,675,584.
- Calder, Alexander W., to Joy Mfg. Co. 2,693,950, Cl. 262—29.
- Calder, William G., assignor to Joints, Inc., Los Angeles, Calif. Tightening device. 2,673,383, Mar. 30.
- Caldes, Constantine A. 2,696,836, Cl. 139—13.
- Caldwell, Carlyle G., Flushing, and O. B. Wurzburg, Babylon, assignors to National Starch Products Inc., New York, N. Y. Unsaturated starch compounds and insoluble derivatives thereof. 2,668,156, Feb. 2.
- Caldwell, E. L., & Sons, assignee: *See*—
 Caldwell, Edward L., Jr. 2,678,550.
- Caldwell, Edward L., Jr., assignor to E. L. Caldwell & Sons. 2,678,550, Cl. 64—28.
- Caldwell, Harold W.: *See*—
 Harris, Carl C., and Caldwell. 2,684,031.
- Caldwell, Harry B., to Electro-Hydraulics Ltd. 2,685,275, Cl. 121—40.
- Caldwell, Harry B., and K. G. Hancock, to Electro-Hydraulics Ltd. 2,687,857, Cl. 244—50.
- Caldwell, Harry J., and E. Y. Seborg, assignors to Barnes Drill Co., Rockford, Ill. Control mechanism for honing machines. 2,671,292, Mar. 9.
- Caldwell, James E. 2,677,227, Cl. 56—35.
- Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing sulfonfyl dibenzoic acids and derivatives thereof. 2,673,218, Mar. 23.

- Caldwell, John R., assignor to Eastman Kodak Company. 2,675,360, Cl. 260—13.
 Caldwell, John R., assignor to Eastman Kodak Company. 2,675,367, Cl. 260—47.
 Caldwell, John R., assignor to Eastman Kodak Company. 2,675,411, Cl. 260—591.
 Caldwell, John R., to Eastman Kodak Co. 2,682,518, Cl. 260—30.4.
 Caldwell, John R., to Eastman Kodak Co. 2,682,519, Cl. 260—30.4.
 Caldwell, John R., to Eastman Kodak Co. 2,685,598, Cl. 260—488.
 Caldwell, John R., and G. L. Lake, to Meadows Mfg. Co. 2,682,380, Cl. 242—118.
 Caldwell, Joseph M., Arlington, Va. Liquid level indicating, recording, and controlling apparatus. 2,672,155, Mar. 16.
 Caldwell, Lyle, assignee: *See*—
 Kaslow, Arthur L. 2,675,803.
 Caldwell, Lyle. 2,693,800, Cl. 128—206.
 Caldwell, Paul, to Cannac Research and Development Co. 2,683,075, Cl. 23—109.
 Caldwell, Samuel H., Boston, assignor to Graphic Arts Research Foundation, Inc., Cambridge, Mass. Optical system for photographic composing apparatus. 2,670,665, Mar. 2.
 Caldwell, Wallace C., to the United States of America as represented by the Secretary of War. 2,688,120, Cl. 333—13.
 Caldwell, William J. 2,684,232, Cl. 261—79.
 Caldwell, Wyche D.: *See*—
 Beman, Ward W., and Caldwell. 2,685,082.
 Calfee, John D.: *See*—
 Miller, Charles B., and Calfee. 2,674,631.
 Miller, Charles B., and Calfee. 2,676,996.
 Calfee, John D., and C. B. Miller, assignors to Allied Chemical & Dye Corporation. 2,674,630, Cl. 260—653.
 Calfee, John D., and C. B. Miller, to Allied Chemical & Dye Corp. 2,681,267, Cl. 23—88.
 Calfee, John D., C. B. Miller, and H. Schneider, to Allied Chemical & Dye Corp. 2,690,815, Cl. 183—115.
 Calgon, Incorporated, assignee: *See*—
 Roland, Charles T.
 Thompson, Ralph N.
 Calhoun, James C., W. L. Davidson, and K. J. Hansen, to Olin Industries, Inc. 2,692,053, Cl. 211—49.
 Calhoun, Robert L. 2,687,598, Cl. 47—57.5.
 Calico Printers' Assn. Ltd., The: *See*—
 Lantz, Louis A., and Schofield.
 Lantz, Louis A., Schofield, and Spinner.
 Miller, William S. 2,681,867.
 California Institute Research Foundation: *See*—
 Bailey, Agard H. 2,675,903.
 Cowan, Eugene W. 2,676,266.
 Dixon, Joseph A.
 Dumond, Jesse W. M. 2,688,093—4.
 Gow, Kenneth P., and Klein.
 California Packing Corp.: *See*—
 Burling, Ethel O., and Nelson. 2,694,489.
 Gibson, William.
 California Portland Cement Co.: *See*—
 Campbell, William C. 2,696,892.
 California Reinforced Plastics Company, assignee: *See*—
 Steele, Roger C.
 Steele, Roger C., and Ammen. 2,674,295.
 California Research Corp.: *See*—
 Arnold, Jerome H. 2,695,323.
 Bailey, Wesley T. 2,688,599.
 Benoit, George J., Jr. 2,691,633.
 Benoit, George J., Jr. 2,691,634.
 Brandel, Albert J. 2,684,926.
 Brengle, Alfred S. 2,685,578.
 Carlston, Earl F., and Lum. 2,697,723.
 Chittum, Joseph F. 2,678,911.
 Cope, John Q., and Clausen.
 Darragh, John L., and House. 2,679,533.
 Darragh, John L., and Johnson. 2,688,583.
 Davis, Vincent C. 2,686,293.
 Denison, George H., Jr., Firey, and McLaughlin. 2,676,094.
 Eadie, Arthur F.
 Echols, Robert E. 2,697,075.
 Ferstandig, Louis L. 2,678,941.
 Ferstandig, Louis L. 2,678,942.
 Filatoff-Roca, Pierre, and Stayner.
 Firey, Joseph C., and McLaughlin. 2,676,093.
 Gester, George C., Jr., and Sewell.
 Gleason, Augustus W., and Bowles.
 Goldschmidt, Alfred, Stewart, and Harle. 2,687,378.
 Halamka, Charles J., and La Porte.
 Harle, Oliver L. 2,681,316.
 Harle, Oliver L. 2,691,632.
 Harle, Oliver L. 2,694,682.
 Hotten, Bruce W. 2,698,300.
 Hotten, Bruce W., and Houston. 2,680,095.
 Hunter, Melvin V., and Segesser.
 Jensen, Warren, and Clayton. 2,683,168.
 Jensen, Warren, and Clayton. 2,683,169.
 Kather, William S., and Wiener. 2,681,313.
 Langlois, Gordon E. 2,695,324.
 Lavender, Harrison M., Jr., and Ellis. 2,679,535.
 Lewis, Allen H., and Stayner. 2,676,962.
 Lindstrom, Eddie G., and Woodruff. 2,676,925.
 California Research Corp.: *See*—Continued.
 Lowe, Warren.
 Lowe, Warren, and Clayton. 2,690,999.
 Mingle, John G., Jr. 2,696,806.
 Moody, Clark J. 2,681,053.
 Morgan, Clarence R., and Olds. 2,674,579.
 Mulvany, Paul K. 2,680,123.
 Mulvany, Paul K. 2,689,220.
 Newnan, Charles D., and Furby.
 Pinotti, Primo L., and Barusch. 2,691,572.
 Rohrback, Gilson H., McCloud, and Scott. 2,684,332.
 Rohrback, Gilson H., McCloud, and Scott. 2,684,333.
 Schurman, Glenn A. 2,681,442.
 Sieg, Robert P. 2,697,066.
 Stayner, Richard D.
 Stayner, Richard D. 2,686,803.
 Stayner, Richard D. 2,691,636.
 Stayner, Richard D. 2,692,286.
 Stayner, Richard D. 2,693,482.
 Stayner, Richard D. 2,694,663.
 Stayner, Richard D. 2,694,715.
 Stayner, Richard D. 2,697,116.
 Stayner, Richard D., and Johnson. 2,692,231.
 Stayner, Richard D., and R. A.
 Stayner, Richard D. and R. A. 2,697,656.
 Stayner, Richard D. and R. A. 2,697,657.
 Stewart, William T. 2,689,097.
 Stewart, William T., Goldschmidt, and Harle. 2,687,377.
 Stewart, William T., Newnan, and Furby.
 Stoner, Robert A. 2,691,629.
 Toland, William G., Jr. 2,677,703.
 Toland, William G., Jr. 2,684,382.
 Toland, William G., Jr. 2,688,631.
 Toland, William G., Jr. 2,695,312.
 Toland, William G., Jr. 2,695,313.
 Walker, James H., and Shiells. 2,680,096.
 Walstrom, John E. 2,694,179.
 California Spray-Chemical Corp.: *See*—
 Gardner, Leo R.
 Hansen, James W. 2,689,201.
 Kohn, Gustave K. 2,678,906.
 Calingaert, George: *See*—
 Shapiro, Hymin, Hnizda, and Calingaert. 2,674,519.
 Caliri, Joseph L., assignor to Caliri Manufacturing Company, Inc. 2,674,680, Cl. 219—26.
 Caliri Manufacturing Company, Inc., assignee: *See*—
 Caliri, Joseph L. 2,674,680.
 Calis, Jean, to Compagnie Generale de Telegraphie Sans Fil. 2,695,241, Cl. 106—52.
 Calistro, Joseph R.: *See*—
 Pfenninger, Arnold, Jr., and Calistro. 2,674,505.
 Calkins, Lyle E., to Bank of America National Trust and Savings Association. 2,694,027, Cl. 154—118.
 Calkins Mfg. Co.: *See*—
 Guyer, Morris W. 2,691,468.
 Calkins, Myron E., and G. K. Greminger, Jr., to The Dow Chemical Co. 2,697,666, Cl. 106—186.
 Call, David L., and W. I. Tucker, Jr. 2,698,087, Cl. 209—158.
 Call, Howard L., Ogden, Utah. Centrifugal extractor. 2,665,008, Jan. 5.
 Callaghan-Hession Corp.: *See*—
 Asaff, Annis G. 2,682,517.
 Asaff, Annis G. 2,692,973.
 Callaghan, Leila, administratrix: *See*—
 Callaghan, Patrick H., Sr. 2,691,525.
 Callaghan, Patrick H., Sr., deceased, L. Callaghan, administratrix. 2,691,525, Cl. 273—79.
 Callaghan, Robert W., and L. H. Dorger, to General Mills, Inc. 2,686,721, Cl. 99—94.
 Callahan, William H., and H. B. Yarbrough. 2,674,212, Cl. 111—83.
 Callahan, Francis P., Jr.: *See*—
 Smith, William T., Euverard, and Callahan. 2,682,769.
 Callahan, J. Russell: *See*—
 Hoban, Fairfield W. 2,685,956.
 Hoban, Fairfield W. 2,686,588.
 Callahan, Jackson E., Santa Barbara, assignor to Signal Oil and Gas Company, Los Angeles, Calif. Thimble-enclosing rigger's vise. 2,671,365, Mar. 9.
 Callahan, William A., and F. L. Gendernalik, assignors to Detrex Corporation. 2,674,552, Cl. 148—6.15.
 Callahan Zinc-Lead Company, assignee: *See*—
 Bringolf, Richard G. 2,674,296.
 Callais, Roy A. 2,692,688, Cl. 211—86.
 Callans, Lee D., and P. A. Pohlke, assignors to Hercules Powder Company. 2,677,153, Cl. 19—76.
 Callaway, Samuel R., and F. J. Webbere, to General Motors Corp. 2,688,536, Cl. 75—171.
 Callender, Edwin M., to The Budd Co. 2,685,621, Cl. 191—45.
 Callery Chemical Co.: *See*—
 Schechter, William H. 2,689,259.
 Calling, John, assignor to International Harvester Company. 2,674,101, Cl. 62—4.
 Calling, John, and W. F. Borgerd, to International Harvester Co. 2,690,940, Cl. 309—16.
 Calling, John, and W. F. Borgerd, to International Harvester Co. 2,694,607, Cl. 309—19.
 Calloway, Frank W. 2,696,687, Cl. 39—22.
 Calmar, Coriolan: *See*—
 Audubert, René, and Calmar.

- Calmon, Calvin, to The Permutit Co. 2,689,829, Cl. 252-179.
- Calmy, Ralph. 2,674,307, Cl. 160-331.
- Calnetian Blinds, Incorporated, assignee: *See*—
Evans, Charles S.
- Calosi, Carlo L., assignor to Raytheon Manufacturing Company. 2,680,333, Cl. 51-59.
- Calosi, Carlo L. and H. G. Rudenberg, assignors to Raytheon Manufacturing Company. 2,676,416, Cl. 34-1.
- Calpat Corp., The: *See*—
Heim, Jacob G. 2,691,237.
- Calpin, Cyril J.: *See*—
Swartz, C. Kenneth, Calpin, and Foderaro. 2,688,159.
- Calumet & Hecla, Inc.: *See*—
Erskine, Donald B. 2,698,220.
Hill, Walter P.
Kenny, Herman C., and Abramson. 2,687,953.
Schuler, Otto R. 2,685,961.
- Calvert, Bert. 2,677,287, Cl. 74-677.
- Calvert, Gresham H. 2,690,491, Cl. 201-67.
- Calvi, Joseph, Ventnor, N. J. Electrically operated programming apparatus. 2,673,609, Mar. 30.
- Calvin, Claude B. 2,684,710, Cl. 157-117.
- Calzolari, Rino. 2,695,530, Cl. 74-232.
- Cam Tool Co. Inc., assignee: *See*—
Bergeron, Narcisse C.
- Camarata, Frank J.: *See*—
Wiener, Charles, Camarata, and Greiner. 2,696,697.
- Cambridge Instrument Co., Inc.: *See*—
Fawcett, Howard N.
Richardson, Robert D. 2,698,223.
- Cambridge Tile and Manufacturing Company, The, assignee: *See*—
Skinner, Charles A. 2,677,471.
- Cambron, James W.: *See*—
Williams, Russell C., Mogk, Cambron, and Lampert. 2,678,703.
- Camco, Inc.: *See*—
Canalizo, Carlos R. 2,698,024.
Howard, James H., and Mills.
Seyffert, Walter H., Jr.
- Camden Bag and Paper Co.: *See*—
Stevens, Louis M. 2,696,943.
- Camera Optics Mfg. Corp.: *See*—
Zweidinger, Carl E. 2,697,340.
- Cameralex, Inc., assignee: *See*—
Tydings, Kenneth S., and Rosenthal. 2,674,932.
- Camerano, Sebastian. 2,683,601, Cl. 271-86.
- Camerino, Ernest. 2,692,016, Cl. 160-90.
- Cameron, Alastair, to The Parsons and Marine Engineering Turbine Research and Development Association. 2,690,936, Cl. 308-122.
- Cameron, Alexander, Walkerville, Newcastle-upon-Tyne, England, assignor to Victor Products (Wallsend) Limited. Rock drilling equipment. 2,668,690, Feb. 9.
- Cameron, Allan M., and C. T. Walter, to Continental Can Co., Inc. 2,686,604, Cl. 214-8.5.
- Cameron, Charles W. 2,677,559, Cl. 285-170.
- Cameron, Eric C., and V. W. Woods, to Crop King Co., a division of the Richey and Gilbert Co. 2,686,572, Cl. 183-4.8.
- Camerou, Hugh K., assignor to D. and R. J. Donoghue. 2,674,186, Cl. 101-404.
- Cameron Iron Works, Inc.: *See*—
Allen, Herbert. 2,683,046.
Allen, Herbert. 2,683,047.
Allen, Herbert. 2,684,596.
Allen, Herbert. 2,690,344.
Brooks, Robert C. 2,683,045.
Hammond, Ralph E. 2,683,999.
- Cameron, James L.: *See*—
Kharasch, Norman, and Cameron.
- Cameron, John: *See*—
Gellenbeck, John W. 2,683,950.
- Cameron, Joseph W., assignor to Boyle-Midway Inc., Chicago, Ill. Positioning device for stapling machines. 2,664,562, Jan. 5.
- Cameron, Mortimer B., and F. Temple, to Westinghouse Air Brake Co. 2,696,830, Cl. 137-494.
- Cameto, Leon R., Oakland, Calif. Rack for the support of the human body. 2,671,442, Mar. 9.
- Camfield, Emery L. 2,674,987, Cl. 123-190.
- Camfield Mfg. Co.: *See*—
Olson, Henry L., and Miller. 2,689,666.
Olson, Henry L., and Miller. 2,695,935.
Olson, Henry L., Miller, and Hale. 2,685,633.
Olson, Henry L., Miller, and Hale. 2,692,549.
Savelle, Edward H., and Miller. 2,680,403.
- Camillerapp, Marcel M. 2,688,711, Cl. 313-276.
- Camilli, Guglielmo, to General Electric Co. 2,682,173, Cl. 73-350.
- Camner, Hilding G., to Aktiebolaget Atlas Diesel. 2,682,862, Cl. 123-32.
- Camp, George P.: *See*—
Robertson, Bennie E., and Camp. 2,676,338.
- Camp, John M.: *See*—
Sewell, Ben W., and Camp.
- Camp, John M., and J. E. Eckel, to Standard Oil Development Co. 2,692,116, Cl. 255-61.
- Camp, Percy B., to Universal Railway Devices Co. 2,687,196, Cl. 192-15.
- Camp, Samuel C.: *See*—
Stevens, Donald R., and Camp.
- Campagna, Michele: *See*—
Land, Hugh M., and Campagna. 2,680,310.
- Campanella, George M.: *See*—
Flowson, Sten, and Campanella. 2,697,242.
- Campbell, A. S., Company, assignee: *See*—
McLeod, Charles A. 2,676,850.
- Campbell, Alexander. 2,691,547, Cl. 299-71.
- Campbell, Allan N. 2,678,546, Cl. 62-117.
- Campbell, Allan N. 2,687,624, Cl. 62-117.
- Campbell, Avery D. 2,690,184, Cl. 131-237.
- Campbell, Bruce W., to Lord Mfg. Co. 2,683,015, Cl. 248-358.
- Campbell, Bruce W., to Lord Mfg. Co. 2,683,016, Cl. 248-358.
- Campbell, Charles H., to United States Steel Corp. 2,686,639, Cl. 242-75.
- Campbell, Charles P., assignor to Perkiomen Products, East Greenville, Pa. Container filling device. 2,669,406, Feb. 16.
- Campbell, Charles R., Jr., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Hide and skin tensioning machine employing feed rolls. 2,664,733, Jan. 5.
- Campbell, Erwin A.: *See*—
Iddings, Charles D., Jenkins, and Campbell. 2,689,137.
Woolslayer, Homer J., Jenkins, and Campbell.
Woolslayer, Homer J., Jenkins, Iddings, and Campbell.
- Campbell, Frank G.: *See*—
Messick, Kirwan Y. 2,678,005.
Messick, Kirwan Y. 2,696,923.
Noyes, Edwin A. 2,687,508.
- Campbell, George E., San Diego, Calif. Lawn sprinkler head cleaner. 2,670,537, Mar. 2.
- Campbell, Harold A., and F. Hollis, Jr., to General Foods Corp. 2,696,156, Cl. 99-80.
- Campbell, Harold A., and F. Hollis, Jr., to General Foods Corp. 2,696,157, Cl. 99-80.
- Campbell, Harold B., and A. N. Bloom, assignors to Uniflow Manufacturing Company. 2,678,549, Cl. 62-141.
- Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft having rotative sustaining blades and control mechanism for such aircraft. 2,670,804, Mar. 2.
- Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Rotor-equipped aircraft. 2,672,939, Mar. 23.
- Campbell, Henry W., Shaker Heights, Ohio, and C. P. Johnson, Chicago, Ill., assignors to Interlake Iron Corporation, Cleveland, Ohio. Method and apparatus for charging blast furnaces. 2,668,628, Feb. 9.
- Campbell, Herbert M. 2,695,033, Cl. 137-481.
- Campbell, Howard: *See*—
Richter, Henry, and Campbell. 2,684,547.
- Campbell, Ivor E.: *See*—
Beidler, Edward A., and Campbell.
- Campbell, Ivor E., Gahanna, and B. W. Gonser, and C. F. Powell, Columbus, Ohio, assignors, by mesne assignments, to Fansteel Metallurgical Corporation, North Chicago, Ill. Highly refractory body. 2,665,475, Jan. 12.
- Campbell, Ivor E., Gahanna, and B. W. Gonser, and C. F. Powell, Columbus, Ohio, assignors, by mesne assignments to Fansteel Metallurgical Corporation, North Chicago, Ill. Preparing highly refractory bodies. 2,665,997, Jan. 12.
- Campbell, Ivor E., Gahanna, and B. W. Gonser, and C. F. Powell, Columbus, Ohio assignors to Fansteel Metallurgical Corporation, North Chicago, Ill. Preparing highly refractory bodies. 2,665,998, Jan. 12.
- Campbell, J. Allan: *See*—
Shepherd, Douglas A., Campbell, and Johnson. 2,697,106.
- Campbell, John. 2,689,111, Cl. 257-175.
- Campbell, John A., and C. M. Sprumont. 2,676,640, Cl. 153-48.
- Campbell, John B., to E. I. du Pont de Nemours and Co. 2,692,267, Cl. 260-306.8.
- Campbell, John H., assignor to General Electric Company. 2,680,211, Cl. 315-96.
- Campbell, John H., and D. D. Kershaw, assignors to General Electric Company. 2,677,075, Cl. 315-187.
- Campbell, John P.: *See*—
McKinney, Marion O., Jr., and Campbell.
- Campbell, Julian A. 2,694,171, Cl. 318-482.
- Campbell, Leon W., Hendersonville, N. C. Picker. 2,671,473, Mar. 9.
- Campbell, Maxwell S. 2,690,693, Cl. 85-2.4.
- Campbell, Neal J., St. Louis, Mo. Reinforced building panel. 2,667,060, Jan. 26.
- Campbell, Norman R., Hertford, M. E. H. Fitzgerald, Shirley, Croydon, and H. O. J. Collier, Hoddesdon, assignors to Allen & Hanburys Limited, London, England. 2,4-diamino-7,8-disubstituted pteridines. 2,665,275, Jan. 5.
- Campbell, Oliver F.: *See*—
Piros, John J., and Campbell.
- Campbell, Oliver F., and W. H. Decker, Whiting, Ind., assignors to Sinclair Refining Company, New York, N. Y. Apparatus. 2,672,191, Mar. 16.
- Campbell, Oliver F., and W. H. Decker, to Sinclair Refining Co. 2,688,589, Cl. 196-110.
- Campbell, Opie H., Missoula, Mont. Spinning reel. 2,668,024, Feb. 2.

- Campbell, Paul F., Saginaw, Mich. Coffee weighing device. 2,665,898, Jan. 12.
- Campbell, Paul J. 2,677,310, Cl. 90—13.5.
- Campbell, Paul J. 2,677,311, Cl. 90—13.5.
- Campbell, Rex H., assignor of one-half to W. P. Ross and one-half to R. Q. Bramlet, Oakland, Calif. Floor safe. 2,669,198, Feb. 16.
- Campbell, Richard D., Brookmont, Md., assignor to Reed Research Inc., Washington, D. C. Transducer. 2,666,861, Jan. 19.
- Campbell, Robert E., assignor to Sloan Valve Company. 2,679,861, Cl. 137—607.
- Campbell, Robert E., assignor to Sloan Valve Company. 2,680,043, Cl. 299—59.
- Campbell, Rollin E., and H. D. Forse; said Campbell to said Forse. 2,684,189, Cl. 223—73.
- Campbell, Roy M. 2,686,368, Cl. 33—168.
- Campbell, Samuel J. 2,676,440, Cl. 53—6.
- Campbell, Samuel J. 2,682,331, Cl. 198—102.
- Campbell Taggart Research Corporation, assignee: See—Archer, Irving M. 2,676,718.
- Campbell, Talmage D. 2,677,546, Cl. 273—33.
- Campbell, Talmage D. 2,677,547, Cl. 273—36.
- Campbell, Tod W., and G. M. Coppinger, to the United States of America as represented by the Secretary of Agriculture. 2,686,123, Cl. 99—8.
- Campbell, Walter, Raymondville, N. Y. Pipe collar aligning and clamping means. 2,667,139, Jan. 26.
- Campbell, William A., assignor to The B. F. Goodrich Company. 2,674,291, Cl. 152—341.
- Campbell, William C., to California Portland Cement Co. 2,696,892, Cl. 183—7.
- Campbell, William S. 2,686,536, Cl. 137—630.15.
- Campbell, William S., to Link-Belt Co. 2,692,041, Cl. 198—203.
- Campbell, Wyant & Cannon Foundry Company, assignee: See—Wagner, Frederick A., and Pierce.
- Campeau, Georges. 2,678,704, Cl. 188—88.
- Camphausen, Fred H., executor: See—Harza, Leroy F. 2,683,354.
- Campion, George H., Abbeville, La. Center spray portable dishwashing machine. 2,664,902, Jan. 5.
- Camprubi, Bartholomew, Greenford, England, assignor to The Hoover Company, North Canton, Ohio. Motor. 2,671,866, Mar. 9.
- Camras, Marvin, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Magnetic duplicating method and means. 2,666,813, Jan. 19.
- Camras, Marvin, to Armour Research Foundation of Illinois Institute of Technology. 2,683,774, Cl. 179—100.2.
- Camras, Marvin, to Armour Research Foundation of Illinois Institute of Technology. 2,686,230, Cl. 179—100.2.
- Camras, Marvin, to Armour Research Foundation of Illinois Institute of Technology. 2,694,107, Cl. 179—100.2.
- Camras, Marvin, to Armour Research Foundation of Illinois Institute of Technology. 2,694,656, Cl. 117—144.
- Camuso, Romualdo, to The Lionel Corp. 2,690,031, Cl. 46—12.
- Canada Cycle and Motor Company Limited, assignee: See—Shakesby, Leonard, and Sainsbury.
- Canada, His Majesty the King in the right of, as represented by the Minister of Mines and Technical Surveys, assignee: See—Gamble, Samuel G. 2,676,409.
- Canada, His Majesty The King in the right of, as represented by the Minister of National Defense: See—Bekker, Mieczyslaw G. 2,685,481.
- Canada Packers Ltd.: See—Baker, Harold G., and Creighton. 2,697,105.
- Hinks, William J. 2,696,633.
- Canadian Breweries Ltd.: See—McFarlane, William D. 2,688,550.
- Ziegler, John A.
- Canadian Industries Ltd.: See—Richardson, William G., and MacAllister. 2,682,222.
- Canadian International Paper Company, assignee: See—Dixon, Julian A. 2,677,949.
- Dunn, John R.
- Canadian Refractories Ltd.: See—Craig, James W.
- Lathe, Frank E. 2,694,620.
- Canadian Westinghouse Co., Ltd.: See—Tovee, Edward H., and Ford. 2,694,020.
- Canal National Bank of Portland, The, trustee: See—Randall, Walter H. 2,687,246.
- Canalizo, Carlos R., to Camco, Inc. 2,698,024, Cl. 137—155.
- Canazzi, Henry D. 2,677,139, Cl. 9—6.
- Canazzi, Henry D. 2,681,029, Cl. 115—35.
- Candee, Zenas P., to The Waterbury Farrel Foundry & Machine Co., Inc. 2,690,239, Cl. 188—77.
- Candler, George, assignee: See—McCormick, Michael. 2,679,658.
- Candlin, James E., Jr., to Pullman-Standard Car Mfg. Co. 2,681,016, Cl. 105—315.
- Candor, Robert R., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Squeezer extractor washing machine. 2,666,316, Jan. 19.
- Candor, Robert R., to General Motors Corp. 2,692,494, Cl. 68—21.
- Canegallo, Giovanni, assignor of 50% to S. E. C. I. Societa Elettrotecnica Chimica Italiana. 2,677,743, Cl. 201—65.
- Canetta, John, and A. T. Gorman, to Westinghouse Air Brake Co. 2,692,156, Cl. 291—2.
- Canfield, Howard M.: See—Goepfert, George J., and Canfield.
- Canfield, William B.: See—Hessel, Frederick A., and Canfield. 2,681,893.
- Rust, John B., and Canfield.
- Canfora, Arthur E.: See—Shenk, Eugene R., Liguori, and Canfora.
- Canfora, Arthur E., and A. Liguori, to Radio Corp. of America. 2,682,574, Cl. 178—61.
- Canham, George E., West Orange, assignor to Ralph C. Coxhead Corp., Newark, N. J. Line-forming mechanism for typewriting machines. 2,670,067, Feb. 23.
- Canicoba, Saul. 2,683,333, Cl. 49—82.
- Canion, Claude: See—Lamberth, George F. 2,691,908.
- Cannac Research and Development Co.: See—Caldwell, Paul. 2,683,075.
- Cannan Industries Ltd.: See—Oatley, Arthur F. 2,694,392.
- Cannard, Roger. 2,688,291, Cl. 108—1.
- Cannell, Murray D., Wilmington, Calif. Gauging attachment for tanks. 2,672,693, Mar. 23.
- Cannell, Murray D. 2,674,129, Cl. 73—425.4.
- Cannon, Frank H.: See—Bell, John, and Cannon.
- Cannon, Frank H., Chatswood, New South Wales, Australia, and A. A. Kirchel, Beckenham, assignors to Muirhead & Company Limited, Elmers End, Beckenham, England. Checking and control arrangement for facsimile telegraph apparatus. 2,666,821, Jan. 19.
- Cannon, G. C., assignee: See—Knight, Raymond W.
- Cannon, Gerald S., assignee: See—Knight, Raymond W.
- Cannon Industries Ltd.: See—Oatley, Arthur F. 2,685,637.
- Cannon, Madison M., Jr., assignor to Emhart Manufacturing Company. 2,679,324, Cl. 214—17.
- Cannon, Robert M. 2,691,334, Cl. 97—47.44.
- Cannon, William D., E. L. Newell, and C. H. Cramer, to The Western Union Telegraph Co. 2,683,188, Cl. 178—63.
- Cannon, William D., to The Western Union Telegraph Co. 2,687,935, Cl. 346—33.
- Cannon, William D., and T. Rystedt, assignors to The Western Union Telegraph Company. 2,677,028, Cl. 200—93.
- Cano, Antonio, assignee: See—Buck, Eugene W.
- Canon Camera Co. Ltd.: See—Ito, Hiroshi. 2,681,594.
- Canonne, Abel Y., to Etablissements Edgar Brandt. 2,694,342, Cl. 89—37.
- Canouet, Albert, to Vitex S. A. Anciens Etablissements J. Canouet. 2,687,409, Cl. 260—109.
- Cantalupo, Francis J., assignor to Crane Co., Chicago, Ill. Flow control device. 2,667,900, Feb. 2.
- Canterino, Peter J., to Nopco Chemical Co. 2,694,052, Cl. 260—29.6.
- Cantil, George R. 2,674,742, Cl. 2—237.
- Cantin, Oscar. 2,696,749, Cl. 81—90.
- Cantley, Joseph C., to United Shoe Machinery Corp. 2,694,818, Cl. 12—36.
- Cantor, Abraham: See—Shelanski, Herman A., and Cantor. 2,675,341.
- Cantor, Bernard N., assignee: See—Moyer, Kenneth E. 2,680,306.
- Cantor, Jacob J., Los Angeles, Calif. Ear protector. 2,670,737, Mar. 2.
- Cantral, John I.: See—Silver, Walter H., and Cantral.
- Cantrell, Troy L.: See—Smith, Herschel G., Cantrell, and Peters. 2,689,828.
- Caparone, Michael J., Arcadia, Calif., assignor to Robertshaw-Fulton Controls Company, Greensburg, Pa. Automatic pilot control and ignition apparatus. 2,667,217, Jan. 26.
- Caparone, Michael J., Arcadia, and C. M. Vaughn, Santa Monica, Calif., assignors to Robertshaw-Fulton Controls Company, Greensburg, Pa. Combined thermostat and automatic pilot control. 2,672,292, Mar. 16.
- Caparone, Michael J., and T. T. Arden, to Robertshaw-Fulton Controls Co. 2,695,056, Cl. 158—131.
- Capaul, Eugen. 2,677,314, Cl. 90—53.
- Cape, Arthur T., and C. V. Foerster, to Coast Metals, Inc. 2,695,943, Cl. 219—8.
- Capell, Robert G., W. P. Ridenour, and J. A. Stewart, to Gulf Research & Development Co. 2,692,835, Cl. 106—270.
- Capell, Robert G., W. P. Ridenour, and J. A. Stewart, to Gulf Research & Development Co. 2,694,014, Cl. 106—270.
- Capella, Primo J.: See—Blank, Lawrence, and Capella.
- Capellazzi, Gildo, and H. Stegmaier, assignors to Rhine-Craft Company, Inc. 2,680,344, Cl. 59—27.
- Capelli, Marino P. G., to International Standard Electric Corp. 2,686,302, Cl. 343—14.
- Capilla, Federico D.: See—Tallada, Alejandro C. 2,687,014.

- Capita, Emil R. 2,675,414, Cl. 13—27.
 Capitol Machine Company, The, assignee: *See*—
 Taylor, Howard W. 2,677,750.
 Capizzi, Anthony: *See*—
 Gattuso, Salvatore E. 2,695,744.
 Capizzi, Peter: *See*—
 Gattuso, Salvatore E. 2,695,744.
 Caples, Donald B., Berkeley, R. B. Willoughby, Concord, and P. L. Datt, Oakland, assignors to Shell Development Company, Emeryville, Calif. Ultrasonic flaw detecting and recording system. 2,672,392, Mar. 16.
 Caplovich, Jerome J.: *See*—
 Wilder, Arthur S., Caplovich, and Bartholomew. 2,688,585.
 Capomacchio, Antimo: *See*—
 Schiavulli, Rudolph, and Capomacchio.
 Capper, Lois S., Los Angeles, Calif. Knitted garment construction. 2,666,314, Jan. 19.
 Capra, Elzo B. 2,687,317, Cl. 287—58.
 Caprino, Joseph C.: *See*—
 Cole, Quintin P., and Caprino. 2,698,333.
 Caps, Arthur W., to Photostat Corp. 2,688,898, Cl. 88—24.
 Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus and method for motion-picture color photography. 2,670,312, Feb. 23.
 Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Motion-picture register gauge. 2,672,786, Mar. 23.
 Capuano, Ralph J. 2,680,169, Cl. 200—84.
 Capurro, Juan J.: *See*—
 Valsecchi, Arduino C. P., and Capurro. 2,691,364.
 Carabasse, Joseph, M. Delassus, and A. Mennessier, assignors to Etablissement Public: Houilleres du Bassin du Nord et du Pas-de-Calais. 2,680,707, Cl. 202—57.
 Caracristi, Virginius Z., to Combustion Engineering, Inc. 2,685,279, Cl. 122—479.
 Caramelli, Carl F., assignor to P. G. Caramelli, Los Angeles, Calif. Hinged plate movable seat construction. 2,673,592, Mar. 30.
 Caramelli, Peter G., assignee: *See*—
 Caramelli, Carl F.
 Carapico, Frank, Sr. 2,685,779, Cl. 62—103.
 Caraway, Gordon E., Dallas, Tex. Carrier for surgical sutures. 2,671,556, Mar. 9.
 Carby, Richard J., Erie, Pa., assignor to General Electric Company. Mounting arrangement for storage receptacles. 2,668,092, Feb. 2.
 Carbiener, Harvey D., and D. L. Rutter, assignors to Excel Corporation, Elkhart, Ind. Kickout sash. 2,670,062, Feb. 23.
 Carbodies Ltd.: *See*—
 Orr, John H. 2,689,758.
 Carbonic Development Corp.: *See*—
 Hasche, Rudolph L. 2,692,131.
 Carboneau Industries, Incorporated, assignee: *See*—
 Coates, James N.
 Carborundum Co., The: *See*—
 Goenfert, George J., and Canfield.
 Hediger, Ernst. 2,691,605.
 Irvine, Robert A., and Kramarz.
 McMullen, John C. 2,686,821.
 McMullen, John C. 2,695,849.
 Nicholson, Kenneth C.
 Swentzel, John P.
 Car Carrier Equipment Co.: *See*—
 Kunz, Frederick J. 2,694,597.
 Card, Don B.: *See*—
 Pettigrew, Sydney E. 2,691,553.
 Card, Earl J., assignor to Security Steel Equipment Corporation. 2,678,854, Cl. 308—3.8.
 Cardell, Olof: *See*—
 Erlert, Johan G. 2,690,804.
 Carden, Stewart W., to Acme Visible Records, Inc. 2,695,205, Cl. 308—210.
 Cardenas, Aubyn D. and L. C. 2,675,232, Cl. 271—56.
 Cardenas, Leslie C.: *See*—
 Cardenas, Aubyn D. and L. C. 2,675,232.
 Cardinal, Alphonse G., Floydada, Tex. Irrigation tube lifter. 2,667,375, Jan. 26.
 Cardinal Chemical Corp.: *See*—
 Laibow, Jules. 2,685,020.
 Laibow, Jules. 2,690,501.
 Cardinal, William E., 40% to W. Reimann. 2,694,252, Cl. 30—40.
 Cardini, Norman E.: *See*—
 Husaczka, Stephan, Johansen, and Cardini.
 Cardon, Samuel Z.: *See*—
 Wainer, Eugene, and Cardon.
 Cardon, Samuel Z., and E. Wainer, to Horizons Titanium Corp. 2,694,617, Cl. 23—88.
 Cardone, Eugene. 2,686,856, Cl. 200—115.5.
 Cardox Corp.: *See*—
 Fawkes, Donald G. 2,698,169.
 Hanrahan, Walter J., and Oliver. 2,682,732.
 Williamson, Hilding V., and Hampel. 2,683,651.
 Cardwell, Paul H.: *See*—
 Braunlich, Frank H., Jr., and Cardwell.
 Cardwell, Paul H., assignor to The Dow Chemical Company. 2,674,322, Cl. 166—22.
 Cardwell, Paul H., assignor to The Dow Chemical Company. 2,674,323, Cl. 166—26.
 Cardwell, Paul H., assignor to The Dow Chemical Company. 2,675,881, Cl. 166—22.
 Cardwell, Paul H., and L. H. Eilers, to The Dow Chemical Co. 2,689,230, Cl. 252—8.55.
 Cardwell, Paul H., and C. L. Lunsford, to The Dow Chemical Co. 2,698,295, Cl. 252—8.55.
 Cardwell Westinghouse Co.: *See*—
 Tucker, Herbert E. 2,674,449.
 Tucker, Herbert E. 2,687,295.
 Tucker, Herbert E. 2,687,296.
 Carey, Edward J., and D. R. Hearsom, to The National Cash Register Co. 2,682,995, Cl. 235—60.33.
 Cargill, Alexander B., to Allegheny Ludlum Steel Corp. 2,686,211, Cl. 13—27.
 Cargill, Incorporated, assignee: *See*—
 Hirsch, Sabine.
 Carisi, John, assignor of 1/2 to V. J. Carisi. 2,674,769, Cl. 20—92.
 Carisi, Vincent J., assignee: *See*—
 Carisi, John. 2,674,769.
 Carkeek, Charles R., Pasadena, Calif., assignor to The Texas Company, New York, N. Y. Generation of carbon monoxide. 2,665,980, Jan. 12.
 Carkhuff, Le Roy F.: *See*—
 Burger, Martin, and Carkhuff. 2,687,069.
 Carl, Carl H.: *See*—
 Dodd, Carl W., and Carl.
 Carl, Lawrence E.: *See*—
 Weiss, Herbert F., and P. W. and L. E. Carl. 2,688,833.
 Carl, Paul W.: *See*—
 Weiss, Herbert F., and P. W. and L. E. Carl. 2,688,833.
 Carleton, James T., assignor to Westinghouse Electric Corporation. 2,677,084, Cl. 318—141.
 Carleton, James T., assignor to Westinghouse Electric Corporation. 2,677,097, Cl. 323—19.
 Carlick, Daniel J., Roselle, N. J., assignor to Interchemical Corporation, New York, N. Y. Copolymers. 2,665,283, Jan. 5.
 Carlick, Daniel J., Roselle, N. J., assignor to Interchemical Corporation, New York, N. Y. Copolymers. 2,665,284, Jan. 5.
 Carlile, Alfred E., Brooklyn, N. Y., assignor, by mesne assignments, to Talon, Inc. Manufacture of slide fasteners. 2,666,251, Jan. 19.
 Carlile, Frank S., North Hills, assignor to C & D Batteries, Inc., Conshohocken, Pa. Apparatus for manufacturing battery grids of calcium and lead alloy. 2,671,944, Mar. 16.
 Carlin, Arvid F. 2,692,776, Cl. 273—142.
 Carlin, Robert, assignor to Allis-Chalmers Manufacturing Company. 2,674,985, Cl. 123—90.
 Carlisle, Charles C. 2,697,985, Cl. 103—44.
 Carlisle, Samuel S.: *See*—
 Burns, Charles, and Carlisle.
 Carlisle, Willis C., and J. H. McCarvell, Houston, Tex., assignors to Macco Oil Tool Company, Inc. Check valve. 2,670,922, Mar. 2.
 Carlock, Marion P., Los Angeles, Calif. Device to promote nasal breathing and prevent snoring. 2,672,138, Mar. 16.
 Carlon Products Corp.: *See*—
 Britton, Brigham, and Prendergast. 2,690,806.
 Carls, William: *See*—
 McLeod, Roy D. 2,692,614.
 Carlsen, Earl W., Yakima, Wash. dedicated to the free use of the People in the territory of the United States. Bag-filling device with valved pivotally mounted chute. 2,668,648, Feb. 9.
 Carlsen, Leonard O.: *See*—
 Stewart, Arthur L., and Carlsen.
 Carlsen, Leonard O., and A. H. Krastel, to The Gleason Works. 2,682,204, Cl. 90—55.
 Carlson, Arthur C., to American Mfg. Co., Inc. 2,691,995, Cl. 144—1.
 Carlson, Axel S. 2,676,434, Cl. 47—41.
 Carlson, Byron: *See*—
 Armstrong, Daniel A., Carlson, and Anderson. 2,696,188.
 Carlson, Carl H., N. R. Frieberg, and O. F. Larsen, Ithaca, N. Y., assignors to The National Cash Register Company, Dayton, Ohio. Calculating machine having true negative totals mechanism. 2,666,574, Jan. 19.
 Carlson, Carl O. 2,689,706, Cl. 251—38.
 Carlson, Carl S.: *See*—
 Biribauer, Frank A., Carlson, and Morrell. 2,684,385.
 Morrell, Charles E., Carlson, and Porter.
 Tegge, Bruce R., Carlson, and Stewart.
 Carlson, Charles. 2,675,038, Cl. 144—309.
 Carlson, Chester F. 2,681,473, Cl. 18—61.
 Carlson, Chester F. 2,690,394, Cl. 95—1.9.
 Carlson, Clarence A., to United States Gypsum Co. 2,697,982, Cl. 101—227.
 Carlson, Clarence G.: *See*—
 Barnett, Wilford J., and Carlson.
 Carlson, Clinton V., and W. E. Schober, assignors to Cosom Industries, Inc., Minneapolis, Minn. Machine for manufacturing hollow bodies from thermoplastic shell members. 2,665,739, Jan. 12.
 Carlson, Edwin G., Caledonia, and A. H. Eppler, Milwaukee, Wis., said Carlson assignor to said Eppler. Method and apparatus for graining lithographic plates. 2,669,810, Feb. 23.

- Carlson, Ernest C.: *See*—
Hintz, Otto E., Carlson, and Miner.
Huddle, Edwin F., and Carlson.
- Carlson, Ernest J. 2,686,095, Cl. 311—38.
- Carlson, George E., J. P. Bader, and N. B. Owen, to Viking Valve Co. 2,686,652, Cl. 251—353.
- Carlson, George J.: *See*—
Melstrom, Donald S., and Carlson. 2,676,185.
- Carlson, Gustav A., to The Boye Needle Co. 2,687,630, Cl. 66—117.
- Carlson, Harold A.: *See*—
Niemeyer, Edward W., and Carlson. 2,678,227.
- Carlson, Harold A., and J. T. W. Moseley, to Carter Carburetor Corp. 2,692,766, Cl. 261—72.
- Carlson, Harold B. 2,684,622, Cl. 98—88.
- Carlson, Harold C. R., Brooklyn, N. Y. Apparatus for testing springs. 2,670,628, Mar. 2.
- Carlson, Herman H., to Gardner Wood Products, Inc. 2,688,756, Cl. 5—99.
- Carlson, Hugo H., Red Wing, Minn. Tool for corrugating finger holes in bowling balls. 2,671,381, Mar. 9.
- Carlson, John A., assignor to Lever Brothers Company. 2,678,325, Cl. 260—424.
- Carlson, John I., to Carlson Tool & Machine Co. 2,689,152, Cl. 300—3.
- Carlson, Julius. 2,676,325, Cl. 2—172.
- Carlson, Lewis J.: *See*—
Bock, Louis H., and Carlson. 2,694,731.
- Carlson, Norris W., Dayton, Ohio. Quick-release cargo container. 2,668,732, Feb. 9.
- Carlson, Reuben C., to Admiral Corp. 2,682,411, Cl. 274—10.
- Carlson, Reuben C., to Admiral Corp. 2,682,412, Cl. 274—10.
- Carlson, Richard F., Weymouth, Mass. Golf tee. 2,668,710, Feb. 9.
- Carlson, Robert C., assignor to Emery Carpenter Container Company. 2,678,764, Cl. 226—129.
- Carlson, Theodore F. 2,689,756, Cl. 287—93.
- Carlson Tool & Machine Co.: *See*—
Carlson, John I. 2,689,152.
- Carlson, Vernon E., to Aircraft Marine Products Inc. 2,681,439, Cl. 339—213.
- Carlson, Wilbur L., to General Motors Corp. 2,688,793, Cl. 29—155.54.
- Carlsson, Gust R., and E. Pick, assignors to The Permutit Company. 2,680,714, Cl. 210—24.
- Carlstedt, Sven B. F. 2,684,921, Cl. 134—34.
- Carlston, Earl F., and F. G. Lum, to California Research Corp. 2,697,723, Cl. 260—525.
- Carlston, Ruth, Fresno, Calif. Combination horizontal and vertical electric and steam iron. 2,668,431, Feb. 9.
- Carlstrom, Thure H., Hempstead, N. Y., assignor to Sylvania Electric Products Inc. Filament tensioning means for electron discharge devices. 2,672,570, Mar. 16.
- Carlton, Stuart S.: *See*—
Sibert, Merle E., and Carlton. 2,681,849.
Sibert, Merle E., and Carlton. 2,681,850.
Sibert, Merle E., and Carlton. 2,681,851.
- Carlton, William C., Hornchurch, England. Apparatus for manufacturing plastic shuttlecocks. 2,667,662, Feb. 2.
- Carlucci, Herbert J., assignor to Armstrong Cork Company. 2,680,586, Cl. 248—120.
- Carlyle, Donald E.: *See*—
Jackson, Theodore F. 2,688,893.
- Carman, Glenn B., to The De Vilbiss Co. 2,695,535, Cl. 77—32.3.
- Carman, Justice N., Jr.: *See*—
North, Harper Q., and Carman. 2,694,168.
- Carmichael, Ben W.: *See*—
Elliott, Thomas A., Allen, and Carmichael. 2,674,374.
- Carmichael, Hugh, and P. G. Salmon, assignors to National Research Council. 2,677,773, Cl. 250—83.3.
- Carmichael, James T., assignor to The Brewster Company, Shreveport, La. Drilling hook bill safety latch. 2,666,244, Jan. 19.
- Carmichael, Thomas F., Plymouth, Mich. High power factor current limiter. 2,665,406, Jan. 5.
- Carnahan, Orson A., Syracuse, N. Y. Balanced valve structure. 2,671,469, Mar. 9.
- Carnahan, Robert E., assignor to Chas. Pfizer & Co., Inc. 2,678,312, Cl. 260—256.6.
- Carne, Gerald G., assignor to Radio Corporation of America. 2,677,071, Cl. 313—218.
- Carne, Nelson T., to The National Cash Register Co. 2,681,730, Cl. 206—83.
- Carnegie, Herbert S., and H. Dolan, to The English Electric Co. Ltd. 2,683,846, Cl. 318—229.
- Carner, James F. 2,685,255, Cl. 103—120.
- Carnes, Earl. 2,674,818, Cl. 37—145.
- Carnes, Flora M., executrix: *See*—
Thomas, Charles C., and Carnes. 2,683,935.
- Carnes, Herbert W.: *See*—
Thomas, Charles C., and Carnes. 2,683,935.
- Carney, Edward F., Cleveland, Ohio. Christmas tree stand. 2,671,624, Mar. 9.
- Carney, Fletcher B., Mountain Brook, Ala. Lift frame for agricultural implements. 2,667,112, Jan. 26.
- Carney, Fletcher B. 2,679,791, Cl. 97—47.37.
- Carney, Fred J., assignor to Bury Compressor Company, Erie, Pa. Piston. 2,666,678, Jan. 19.
- Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method of and apparatus for liquid-liquid contacting. 2,668,756, Feb. 9.
- Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for liquid-liquid contacting. 2,672,406, Mar. 16.
- Carney, Walter J. 2,674,940, Cl. 101—128.2.
- Carniol, Bohdan, assignor to Tesla slaboproude a radio-technické zavody, národní podnik, Prague, Czechoslovakia. Frequency generator with phase shifter. 2,666,851, Jan. 19.
- Carnoy Products Corporation, assignee: *See*—
Seaberg, Ernest E. 2,680,546.
- Carol, Mary: *See*—
Leonard, Nita, and Carol. 2,690,180.
- Caroland, Horace G. 2,691,309, Cl. 74—545.
- Carolus, James B.: *See*—
Nichols, Clark, and Carolus. 2,692,342.
- Carolus, James B., to Leeds and Northrup Co. 2,688,728, Cl. 324—73.
- Caron, John B. R., C. Wies, and E. B. Glendenning, to Shell Development Co. 2,684,292, Cl. 44—68.
- Caroselli, Nestor E.: *See*—
Howard, Frank L., Caroselli, and Feldman. 2,677,636.
- Caroselli, Remus F., and R. K. Gagnon, to Owens-Corning Fiberglas Corp. 2,686,737, Cl. 117—54.
- Carothers, William D.: *See*—
Snyder, Clifford H., Lamm, Carothers, and McCarthy. 2,694,562.
- Carothers, William F., and J. M. Clark, to Houston Engineers, Inc. 2,694,451, Cl. 166—126.
- Carpenter, Cecil H.: *See*—
Carpenter, De Witt E. 2,695,760.
- Carpenter, De Witt E. and C. H., and Snitgen. 2,695,761.
- Carpenter, Clifford Le Roy: *See*—
Andrews, Herbert W., Carpenter, and Houlton.
- Carpenter, De Witt E., ½ to C. H. Carpenter. 2,695,760, Cl. 248—96.
- Carpenter, De Witt E. and C. H., and T. Snitgen; said Snitgen assor. to said D. E. and C. H. Carpenter. 2,695,761, Cl. 248—96.
- Carpenter, Erwin L., assignor to American Cyanamid Company. 2,676,977, Cl. 260—465.9.
- Carpenter, Erwin L., to American Cyanamid Co. 2,690,452, Cl. 260—465.9.
- Carpenter, Erwin L., and J. S. Mackay, to American Cyanamid Co. 2,688,632, Cl. 260—465.3.
- Carpenter, Floyd. 2,679,952, Cl. 222—142.4.
- Carpenter, Floyd R., to Kaiser Aluminum & Chemical Corp. 2,697,769, Cl. 219—6.
- Carpenter, Frank G., and V. R. Deitz, to the United States of America as represented by the Secretary of Commerce. 2,693,706, Cl. 73—432.
- Carpenter, Frank W., Minneapolis, Minn., assignor to General Mills, Inc. Flatiron cord connection. 2,666,125, Jan. 12.
- Carpenter, Fred A. 2,692,095, Cl. 244—50.
- Carpenter, John H.: *See*—
Wiegman, Clarence H., King, Carpenter, and Aldrich. 2,678,037.
- Carpenter, John S.: *See*—
Simenson, Louis O., Carpenter, and Greenwood. 2,681,737.
- Carpenter, Joseph E., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Condensation products of higher fatty acids, polyalkylene polyamines and organic halides. 2,668,165, Feb. 2.
- Carpenter, Marshall M., Jr., Princeton, N. J., assignor to Radio Corporation of America. Frequency synchronizing apparatus. 2,666,136, Jan. 12.
- Carpenter, Otis R., to The Babcock & Wilcox Co. 2,697,770, Cl. 219—8.
- Carpenter, Otis R., and J. C. Fesler, to The Babcock & Wilcox Co. 2,684,426, Cl. 219—8.
- Carpenter, Paul G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrogen peroxide drilling tool. 2,673,069, Mar. 23.
- Carpenter, Paul G., assignor to Phillips Petroleum Company. 2,679,157, Cl. 73—59.
- Carpenter, Paul G., assignor to Phillips Petroleum Company. 2,680,486, Cl. 166—1.
- Carpenter, Paul G., assignor to Phillips Petroleum Company. 2,680,487, Cl. 166—1.
- Carpenter, Paul G., to Phillips Petroleum Co. 2,694,923, Cl. 73—23.
- Carpenter, Raymond D., and T. M. Kelley, Santa Cruz, Calif. Auto racer game. 2,671,662, Mar. 9.
- Carpenter, Robert J. 2,675,035, Cl. 144—208.
- Carpenter, Tracy L. 2,698,374, Cl. 219—38.
- Carpenter, Victor H., Boston, Mass. Teeth protector. 2,669,988, Feb. 23.
- Carpenter, Warren W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Record controlled reproducing system. 2,669,304, Feb. 16.
- Carpenter, Warren W., and R. E. Collis, to Bell Telephone Laboratories, Inc. 2,688,658, Cl. 179—7.1.
- Carpentier, Melbourne L., and W. E. Drinkard, to Chrysler Corp. 2,686,506, Cl. 123—52.
- Carper, Earl R. 2,682,460, Cl. 51—307.
- Carpezz, Leo J. 2,674,465, Cl. 280—96.2.
- Carpinella, Michael J.: *See*—
Fenton, Paul E., and Carpinella.

- Carpinella, Michael J., to Scovill Mfg. Co. 2,683,908, Cl. 24—108.
- Carpinella, Michael J., to Scovill Mfg. Co. 2,688,785, Cl. 24—218.
- Carr, Adams & Collier Co.: *See*—
Norman, Wayne A., and Sitterly. 2,688,523.
- Carr, Donald E., assignor to Phillips Petroleum Company. 2,677,930, Cl. 60—35.6.
- Carr, Edward L., and G. E. P. Smith, Jr., assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanization of rubber. 2,666,043, Jan. 12.
- Carr, Edward W., to Crane Co. 2,693,825, Cl. 137—630.15.
- Carr, Edward W., and R. F. Daehler, assignors to Crane Co. 2,676,607, Cl. 137—301.
- Carr, Gordon B., to Selby Shoe Co. 2,694,131, Cl. 219—19.
- Carr, Harry, $\frac{1}{2}$ to C. D. Murdock, and $\frac{1}{2}$ to J. Delamater. 2,690,862, Cl. 223—75.
- Carr, Hugh R., Cranford, assignor to Engineering Equipment Distributors, Inc., Kenilworth, N. J. Water softening apparatus. 2,666,031, Jan. 12.
- Carr, James P., Lansing, Mich., assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Mirror and light beam apparatus for checking wheel alignment characteristics with correction for run-out. 2,667,805, Feb. 2.
- Carr, Kelly B.: *See*—
Rood, Ashton B., and Carr.
- Carr, Robert S., assignor to Airtron, Inc. 2,675,773, Cl. 113—35.
- Carr, Robert S., to Airtron, Inc. 2,686,487, Cl. 113—35.
- Carr, Robert S., to Airtron, Inc. 2,696,834, Cl. 138—56.
- Carr, Robert S., and T. N. Anderson, to Airtron, Inc. 2,698,353, Cl. 174—24.
- Carr, William P., to The De Vilbiss Co. 2,686,696, Cl. 299—88.
- Carr, William P. 2,689,387, Cl. 20—56.5.
- Carragher, Frank J.: *See*—
Kelly, Joseph L., and Carragher. 2,686,695.
- Carrara, Gino, assignor to Lepetit S. A. 2,675,405, Cl. 260—501.
- Carrara, Gino, to Lepetit S. A. 2,695,309, Cl. 260—490.
- Carrara, Gino, and V. D'Amato, to Lepetit S. p. A. 2,694,710, Cl. 260—251.5.
- Carrick Products Co.: *See*—
Nash, Albert E. 2,691,336.
- Carrier Conveyor Corp.: *See*—
Carrier, Robert M., Jr., and Whitley. 2,690,835.
- Carrier Corp.: *See*—
Ashley, Carlyle M. 2,678,547.
Ashley, Carlyle M. 2,679,733.
Brown, Seymour W., and Tate. 2,683,408.
Gerteis, Karl M.
Gold, David H.
McGrath, William L.
McGrath, William L. 2,679,142.
McGrath, William L. 2,681,182.
McGrath, William L. 2,695,773.
McGrath, William L., and Swart. 2,675,683.
- Carrier, Robert M., Jr., and M. G. Whitley, to Carrier Conveyor Corp. 2,690,835, Cl. 198—220.
- Carrigan, Lester R.: *See*—
Potter, Harley O., and Carrigan.
- Carrillo, Juan A. E., Mexico City, Mexico. Toothbrush case. 2,673,641, Mar. 30.
- Carris, Henry M. 2,689,097, Cl. 242—118.
- Carris, James M., and C. L. Crane, La Habra, Calif., assignors, by mesne assignments, to said J. M. Carris. Machine for forming and preparing bodies of candy for wrapping. 2,667,847, Feb. 2.
- Carroll, Alice M.: *See*—
Carroll, Walter P. 2,694,628.
- Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Quaternary salts in mixed grain photographic emulsions. 2,673,149, Mar. 23.
- Carroll, Burt H., to Eastman Kodak Co. 2,694,638, Cl. 95—7.
- Carroll, Burt H., and W. O. Kenyon, assignors to Eastman Kodak Company. 2,675,316, Cl. 95—8.
- Carroll, Burt H., and J. E. Jones, to Eastman Kodak Co. 2,688,545, Cl. 95—7.
- Carroll, Ellsworth W., to S & W Fine Foods, Inc. 2,687,206, Cl. 198—33.
- Carroll, Fred M., to International Business Machines Corp. 2,687,090, Cl. 101—227.
- Carroll, Frederick C., to Toledo Scale Co. 2,698,216, Cl. 346—10.
- Carroll, Glenn H. 2,695,667, Cl. 164—73.
- Carroll, Richard H., and D. J. Spadaro, to Winthrop-Stearns Inc. 2,685,553, Cl. 167—82.
- Carroll, Thomas, to Massey-Harris Co. Ltd. 2,696,290, Cl. 198—174.
- Carroll, Walter P., deceased (A. M. Carroll, executrix), to National Lead Co. 2,694,628, Cl. 75—166.
- Carroll, Walter W., Anderson, Ind. Clamp. 2,672,790, Mar. 23.
- Carruthers, Eben H., Warrenton, Oreg. Machine for packing a predetermined weight of bulk product. 2,669,378, Feb. 16.
- Carruthers, Maurice E., assignor to Armco Steel Corporation, Middletown, Ohio. Chromium steel, process, and articles. 2,673,166, Mar. 23.
- Carry, Alexander L. 2,680,640, Cl. 292—228.
- Carson, Clarence M., assignor, by mesne assignments, to The Goodyear Tire & Rubber Company. 2,676,943, Cl. 260—31.8.
- Carson, Clarence M., Cuyahoga Falls, and J. E. Snyder, Akron, Ohio, assignors, by mesne assignments, to The Goodyear Tire & Rubber Company. Package for liquids. 2,669,351, Feb. 16.
- Carson, Elsie K. 2,694,201, Cl. 2—75.
- Carson, Hiram J. 2,684,054, Cl. 122—17.
- Carson, Howard: *See*—
Geyer, Howard M., and Carson. 2,678,181.
- Carson, John T.: *See*—
Wooden, Cornelius B. 2,694,588.
- Carson, Nathan B., and C. W. Banks, to William Cooper & Nephews, Inc. 2,685,793, Cl. 73—53.
- Carson, Paul A., to General Electric Co., patent dedicated to the public insofar as it relates to lamps and lamp parts. 2,692,374, Cl. 339—99.
- Carson, Paul A., to General Electric Co., patent dedicated to the public insofar as it relates to lamps and lamp parts. 2,692,375, Cl. 339—99.
- Carson, Robert E. 2,674,286, Cl. 145—64.
- Carson, Russell M., assignor to R. M. Carson and E. Hohl, trustees. 2,679,253, Cl. 134—104.
- Carson, Stanley R., to General Motors Corp. 2,683,928, Cl. 29—523.
- Carson, Wallace J. 2,680,330, Cl. 46—222.
- Carstensen, Clarence F. 2,692,597, Cl. 128—283.
- Carstensen, Jens T.: *See*—
Weidenheimer, Joseph F., and Carstensen. 2,695,860.
- Cart, Francis G., to Atlantic Products Corp. 2,684,135, Cl. 190—41.
- Carter, Alfred D. S.: *See*—
Davidson, Ivor M., and Carter.
- Carter, Alfred D. S., to Power Jets (Research and Development) Ltd. 2,693,905, Cl. 230—122.
- Carter, Andrew G., Grand Rapids, Mich. Wheel assembly. 2,673,469, Mar. 30.
- Carter, Arthur F.: *See*—
Russell, Alexander, Hopton, and Carter.
- Carter Carburetor Corp.: *See*—
Boyce, Leonard D.
Boyce, Leonard D. 2,684,058.
Brown, Morris C., and Highley. 2,675,792.
Carlson, Harold A., and Moseley. 2,692,766.
Cloedy, Frederick W., and Beuer. 2,687,266.
Eberhardt, James E.
Eickmann, Olin J. 2,675,216.
Eickmann, Olin J. 2,681,214.
Ericson, George R. 2,689,533.
Ericson, George R., and Coffey.
Gordon, Dwight M. 2,681,213.
Gordon, Dwight M., and Elfes. 2,694,559.
Niemeyer, Edward W., and Carlson. 2,678,227.
Rubin, Adolph J.
Schweiss, Joseph. 2,674,986.
Smith, Barclay F. 2,691,558.
- Carter, Carnie M., 51% to M. T. Gossett. 2,693,930, Cl. 251—44.
- Carter, Chester C. 2,680,981, Cl. 81—44.
- Carter, Clarence F. 2,687,145, Cl. 137—599.
- Carter, Clarence F. 2,687,271, Cl. 249—3.
- Carter, Edward H., and L. E. Sartain, to Eastman Kodak Co. 2,682,560, Cl. 260—603.
- Carter, Elbert P., assignor, by mesne assignments, to E. G. Martin. 2,674,729, Cl. 340—200.
- Carter, Emmett F., to Sylvania Electric Products Inc. 2,698,385, Cl. 250—36.
- Carter, George H.: *See*—
Wilkinson, Horace A., Harris, and Carter. 2,696,291.
- Carter, Harry B., 49% to J. W. Kokernot. 2,685,733, Cl. 30—57.
- Carter, Henry E. 2,686,980, Cl. 35—53.
- Carter, Howard F., assignor to General Electric Company. 2,679,015, Cl. 310—93.
- Carter, J. C., Co., The: *See*—
Carter, James C. 2,678,066.
Carter, James C. 2,692,609.
- Carter, James C., assignor to The J. C. Carter Company. 2,678,066, Cl. 138—45.
- Carter, James C., to The J. C. Carter Co. 2,692,609, Cl. 137—235.
- Carter, James M.: *See*—
Scott, Henry L., Hyatt, and Carter. 2,688,546.
- Carter, James M., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,677,592, Cl. 23—14.5.
- Carter, John E. 2,678,476, Cl. 20—4.
- Carter, Leslie F., to The Sperry Corp. 2,682,115, Cl. 33—226.
- Carter, Leslie F., to The Sperry Corp. 2,692,441, Cl. 33—226.
- Carter, Mary H., executrix: *See*—
Carter, Raymond S., and Kimmich. 2,682,293.
- Carter, Mitchell. 2,680,140, Cl. 260—723.
- Carter, Norman C.: *See*—
Cromeans, John S., and Carter. 2,696,495.
- Carter Parts Company, assignee: *See*—
Ellithorpe, Gilbert S.
- Carter, Phyllis J., assignor to Atlas Powder Company. 2,674,534, Cl. 99—166.
- Carter Products, Inc.: *See*—
McBean, Douglas M. 2,684,805—6.
McBean, Douglas M., and De Costa.

- Carter, Ralph B., Company, assignee: *See*—
Carter, Ralph B., Jr.
- Carter, Ralph B., Jr., Maywood, assignor to Ralph B. Carter Company, Hackensack, N. J. Flocculation mechanism. 2,665,248, Jan. 5.
- Carter, Ralph H., to North American Rayon Corp. 2,681,486, Cl. 24—38.
- Carter, Raymond S., deceased, by M. H. Carter, executrix, and E. G. Kimmich, to The Goodyear Tire & Rubber Co. 2,682,293, Cl. 154—4.
- Carter, Reginald H., 2,692,329, Cl. 240—8,16.
- Carter, Richard H., to Fostoria Pressed Steel Corp. 2,688,418, Cl. 220—4.
- Carter, Samuel C., 2,697,366, Cl. 74—711.
- Carter, Sidney T., Worcester, Mass., assignor to Geo. J. Meyer Manufacturing Co., Cudahy, Wis. Multiple-wiper mechanism for labeling machines. 2,665,025, Jan. 5.
- Carter, Sidney T., Worcester, Mass., assignor, by mesne assignments, to Geo. J. Meyer Manufacturing Co., Cudahy, Wis. Tumbler feed for labeling machines. 2,670,838, Mar. 2.
- Carter, Sidney T., to Geo. J. Meyer Mfg. Co. 2,690,251, Cl. 198—30.
- Carter Wilkinson Ltd.: *See*—
Wilkinson, Horace A., Harris, and Carter. 2,696,291.
- Carter, William A., and F. Wythe, assignors to North American Aviation, Inc. 2,679,770, Cl. 77—25.
- Carter, William, Company, The, assignee: *See*—
Bailey, Perkins H.
- Cartinhour, John W., Baldwin, assignor to Foster Wheeler Corporation, New York, N. Y. Electric air heater. Re. 23,795, Mar. 2.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for tractor treads. 2,667,938, Feb. 2.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Combined cutting and loading machine. 2,668,039, Feb. 2.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Drum mounted cutter bit and breaker for mining machines. 2,670,190, Feb. 23.
- Cartledge, Frank, assignor to Goodman Manufacturing Company. 2,674,364, Cl. 198—96.
- Cartledge, Frank, assignor to Goodman Manufacturing Company. 2,677,537, Cl. 262—13.
- Cartledge, Frank, to Goodman Mfg. Co. 2,689,720, Cl. 262—29.
- Cartledge, Frank, to Goodman Mfg. Co. 2,695,693, Cl. 192—54.
- Carton, Jean. 2,680,224, Cl. 321—1.5.
- Cartter, William G., to Affiliated Gas Equipment, Inc. 2,682,867, Cl. 126—116.
- Cartwright, Charles H.: *See*—
Cartwright, Lena G., W. C., and C. H. 2,694,813.
- Cartwright, Horace A. 2,683,062, Cl. 299—139.
- Cartwright, Lena G., W. C., and C. H. 2,694,813, Cl. 4—185.
- Cartwright, Victor H. 2,684,772, Cl. 214—655.
- Cartwright, William C.: *See*—
Cartwright, Lena G., W. C., and C. H. 2,694,813.
- Caruso, Mario, Maplewood, assignor to C-Eight Laboratories, Newark, N. J. Combination coin control. 2,665,791, Jan. 12.
- Caruthers, Neal M.: *See*—
Cain, Donald G., Goddin, and Caruthers.
- Caruthers, Prosper C., and O. F. Tallman, to James R. Kearney Corp. 2,693,086, Cl. 61—73.
- Caruthers, Robert S., to Bell Telephone Laboratories, Inc. 2,695,332, Cl. 179—15.
- Caruthers, Robert S., and E. K. Van Tassel, to Bell Telephone Laboratories, Inc. 2,695,927, Cl. 179—15.
- Carvallo, Pierre. 2,695,555, Cl. 99—362.
- Carvell, Edward B. 2,681,638, Cl. 119—29.
- Carver, John A., to Standard Oil Development Co. 2,686,110, Cl. 23—285.
- Carver, Richard N.: *See*—
Lohr, Raymond J., Carver, and Dobkowski. 2,697,300.
- Carville, Theodore E. M., and R. W. Esarey, to Westinghouse Electric Corp. 2,683,824, Cl. 310—72.
- Carwell, Richard D.: *See*—
Moos, Gilbert E., and Clemmer, and Carwell. 2,697,022.
- Cary, Beecher B., to Hayes Industries. 2,683,573, Cl. 242—124.
- Cary, Beecher B., to Hayes Industries. 2,690,294, Cl. 230—117.
- Cary, Francis H., Warwick, R. I., assignor to B-I-F Industries, Inc. Telemetric apparatus. 2,672,600, Mar. 16.
- Cary, Lucius F., Jr. 2,690,155, Cl. 116—118.
- Casablancas High Draft Co. Ltd.: *See*—
Noguera, Joseph. 2,683,290.
- Noguera, Joseph. 2,686,938.
- Noguera, Joseph. 2,696,026.
- Casabona, Anthony M., to International Telephone and Telegraph Corp. 2,685,688, Cl. 343—108.
- Casa-Massa, Mario, New York, N. Y. Differential mechanism. 2,666,343, Jan. 19.
- Casamento, Joseph R.: *See*—
Leopold, Rudolf, and Casamento.
- Casas Robert, Ramon, and P. Renck, to Mefina S. A. 2,682,845, Cl. 112—158.
- Cascades Plywood Corp.: *See*—
Uschmann, Curt. 2,688,393.
- Casco Products Corp.: *See*—
Cone, Joseph H. 2,682,719.
- Cone, Joseph H. 2,686,984.
- Cone, Joseph H. 2,692,938.
- Cone, Joseph H. 2,695,957.
- Johnson, Arthur A.
- Johnson, Arthur A. 2,684,567.
- Lehmann, Herbert G.
- Pistey, George J. 2,686,378.
- Thibault, Joseph O. 2,678,794.
- Thibault, Joseph O. 2,679,704.
- Youhouse, Joseph. 2,675,445.
- Youhouse, Joseph. 2,681,406.
- Case, Calvin C., to The Johnson Gage Development Co. 2,696,675, Cl. 33—178.
- Case, J. C. 2,696,225, Cl. 139—352.
- Case, J. I., Co.: *See*—
Aber, Homer B., and Krause. 2,675,809.
- Beck, Henry E. 2,694,281.
- Dwyer, William J.
- Hamilton, Matthew E.
- Hansen, Charles W. 2,690,042.
- Heth, Sherman C. 2,681,542.
- Heth, Sherman C. 2,689,442.
- Heth, Sherman C. 2,693,393.
- Heth, Sherman C. 2,696,089.
- Heth, Sherman C., Krause, and Tallman. 2,681,537.
- Heth, Sherman C., and Wiltsey. 2,678,239.
- Johnson, Axel H. 2,694,319.
- Kiser, Clifford O. 2,693,748.
- Kiser, Clifford O., and Hawse. 2,679,263.
- Krause, Norman R., and Heth. 2,695,485.
- Magee, Kenneth L. 2,689,443.
- Magee, Kenneth L. 2,695,504.
- Markel, John M.
- Morrissey, Patrick W. 2,689,445.
- Omon, Gene L., and Hohnl.
- Russell, Stanley D.
- Russell, Stanley D. 2,674,839.
- Russell, Stanley D. 2,696,391.
- Rutter, Donald E. 2,695,733.
- Schill, Bernard J. 2,678,708.
- Schroepfel, Paul R. 2,684,564.
- Schroepfel, Paul R. 2,689,440.
- Seeburger, Frederic E. 2,681,813.
- Smith, Carlisle F. 2,686,999.
- Case, James W. 2,682,858, Cl. 116—114.
- Case, Ralph N. 2,696,392, Cl. 280—513.
- Case, Richard Y., to United States Rubber Co. 2,686,377, Cl. 38—11.
- Casey, Carl, assignee: *See*—
Poole, Foster M., and Paslav.
- Casey, Robert F., to Allen B. Du Mont Laboratories, Inc. 2,691,101, Cl. 250—27.
- Casey, Robert F., to Allen B. Du Mont Laboratories, Inc. 2,695,955, Cl. 250—27.
- Casey, Robert T., Bristol, Conn., assignor, by mesne assignments, to General Electric Company. Thermomagnetic electric relay. 2,673,263, Mar. 23.
- Casey, Robert T., to General Electric Co. 2,688,675, Cl. 200—116.
- Casey, William J., III, assignor to American Steel Foundries. 2,680,498, Cl. 188—59.
- Casey, William J., III, to American Steel Foundries. 2,685,943, Cl. 188—56.
- Casey, William J., III, to American Steel Foundries. 2,690,237, Cl. 188—59.
- Casey, William J., III, to American Steel Foundries. 2,690,242, Cl. 188—210.
- Casey, William J., III, to American Steel Foundries. 2,697,498, Cl. 188—206.
- Cashman, Edward P.: *See*—
Corcoran, Ethel J., and Cashman. 2,690,445.
- Dean, Raymond M., Cashman, and Thomas. 2,688,643.
- Caskie, William A., to the United States of America as represented by the Secretary of the Army. 2,685,353, Cl. 189—26.
- Caskin, Norman H., Marietta, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Heat-sealing apparatus for joining thermoplastic members. 2,665,738, Jan. 12.
- Casler, John A., H. O. Smith, L. F. Coleman, and M. Levenson, to the United States of America as represented by the United States Atomic Energy Commission. 2,693,705, Cl. 73—421.
- Cason, James, Jr., to the United States of America as represented by the Secretary of the Navy. 2,686,804, Cl. 260—467.
- Caspar, Frank A., assignor to Pak Parachute Company Limited, Redruth, England. Elastic surgical stocking. 2,672,139, Mar. 16.
- Caspar, Heinz: *See*—
Wuensch, Guido, Ziegler, and Caspar.
- Casper, Lee A. 2,691,777, Cl. 1—2.
- Cass, William C., Tyler, Tex. Ball and socket trailer hitch with means to conduct current therethrough. 2,673,965, Mar. 30.
- Cass, William E., to General Electric Co. 2,683,131, Cl. 260—45.4.
- Cass, William E., to General Electric Co. 2,691,007, Cl. 260—45.4.

- Cassé, Marcel. 2,679,085, Cl. 28—5.
 Cassé, Marcel. 2,683,299, Cl. 28—5.
 Cassella Farbwerke Mainkur Aktiengesellschaft: *See*—
 Persch, Walter, and Schmidt. 2,687,416.
 Casselman, Robert C.: *See*—
 Land, Edwin H., and Casselman. 2,692,675.
 Casselman, Robert C., and V. K. Eloranta, to Polaroid Corp. 2,697,961, Cl. 88—24.
 Casselman, William C., Erskine, Minn. Device for spinning fish decoys. 2,665,591, Jan. 12.
 Cassidy, John D., Riverside, Conn., and J. D. Marks, West Orange, N. J., assignors to Universal Camera Corporation, New York, N. Y. Film cassette. 2,673,500, Mar. 30.
 Cassidy, Robert J., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Burner safety control system. 2,672,188, Mar. 16.
 Cassidy, Thomas F., Jr.: *See*—
 Gallagher, Ray J., and Cassidy. 2,687,793.
 Cassie, John, assignor to Westinghouse Electric Corporation. 2,674,402, Cl. 230—114.
 Casson, Ernest H.: *See*—
 Katz, Ernest. 2,681,714.
 Cast Optics Corporation, assignee: *See*—
 Beattie, John O.
 Castanoli, Alder F., Huntington, and D. F. Parker, Charleston, W. Va. Coal boring unit. 2,669,441, Feb. 16.
 Castedello, William: *See*—
 Schwartz, Morris, and Castedello.
 Schwarz, Morris, and Castedello. 2,677,998.
 Castel, Maurice: *See*—
 Levy-Hawes, Felix, and Castel.
 Castelfranco, James: *See*—
 Sanz, Manuel C., and Castelfranco. 2,676,773.
 Castell, Gail A. 2,692,638, Cl. 155—112.
 Castellani, Aldo. 2,695,257, Cl. 154—128.
 Castellini, Charles: *See*—
 Baldanza, Nicholas T., and Castellini. 2,682,196.
 Castelli, Etienne, to Société à Responsabilité Limitée dite: Arlux. 2,697,212, Cl. 339—111.
 Castello, Anthony M. 2,677,517, Cl. 248—124.
 Caster, Irving. 2,685,402, Cl. 229—52.
 Castera, George: *See*—
 Juhnke, Roy E., and Castera. 2,677,876.
 Casterline, Lester. 2,680,801, Cl. 219—29.
 Castiglia, Biagis, assignor to Wheel Aligning Necessities, Inc. 2,674,873, Cl. 73—65.
 Castle, Carl H.: *See*—
 Balz, William G., and Castle. 2,684,562.
 Castle, Eli N., to The Gardner Board and Carton Co. Re. 23,871, Cl. 220—115.
 Castlen, Robert C., West Palm Beach, Fla. Visible liquid level indicating nonspill vent mechanisms. 2,668,185, Feb. 2.
 Castner, George P., Webster City, Iowa, assignor of forty-nine per cent to Douglas O. Baird, Skokie, Ill., and fifty-one per cent to Speed-Flex, Inc. Clothes-washing and squeeze-dry machine. 2,667,054, Jan. 26.
 Castner, George P., assignor to Speed-Flex, Inc. 2,677,260, Cl. 68—131.
 Caston, Ralph H., and L. W. Zabel., assignors to International Cellucotton Products Company. 2,675,916, Cl. 209—74.
 Castongay, Joseph A. H. 2,684,451, Cl. 313—146.
 Castor, Thomas D., and C. J. Leisy, Seattle, and W. A. Sangster, Mercer Island, assignors to Boeing Airplane Company, Seattle, Wash. Aircraft boom control and balancing mechanism. 2,670,913, Mar. 2.
 Castricone, John A., to Altorfer Bros Co. 2,695,147, Cl. 248—2.
 Caswell, Arthur S., assignor to I-T-E Circuit Breaker Company. 2,678,976, Cl. 200—50.
 Catalano, Frank P. 2,683,293, Cl. 20—56.1.
 Catalano, Joseph. 2,677,470, Cl. 211—133.
 Cataldi, Angelo, assignor of 1/2 to C. Herdman. 2,674,021, Cl. 24—119.
 Cataldo, Anthony M., Ellwood City, Pa., assignor to United States Steel Corporation. Gauge for internal upsets. 2,664,637, Jan. 5.
 Cataldo, John B., Bernardsville, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electrical fixture. 2,671,152, Mar. 2.
 Cataldo, John B., to John B. Pierce Foundation. 2,684,470, Cl. 339—159.
 Catalin Corp. of America: *See*—
 Harris, Thomas G. 2,692,865.
 Caterpillar Tractor Co.: *See*—
 Deffenbaugh, John L.
 Deffenbaugh, John L. 2,674,504.
 Fleck, Kenneth J., and Kranc. 2,696,786.
 Gustafson, Carl A. 2,677,202.
 Middleton, Frank. 2,678,134.
 Williams, Russell C., Mogk, Cambron, and Lampert. 2,678,703.
 Catford, Adrian L., Hampton, and R. H. D. Chamberlin, Ealing, London, assignors to D. Napier & Son Limited, London, England. Control system for aircraft propulsion power plants, including a reciprocating internal-combustion engine and an exhaust driven turbine. 2,664,957, Jan. 5.
 Cathcart, Richard C., to National-Simplex-Bludworth, Inc. 2,685,026, Cl. 250—27.
 Cathers, Robert J.: *See*—
 Cathers, Robert J. 2,692,588.
 Cathers, Robert J., 1/2 to R. J. Cathers. 2,692,588, Cl. 123—90.
 Cathodeon Limited, assignee: *See*—
 Goff, George B. F.
 Catlin, John P.: *See*—
 Evans, Richard E., Darby, and Catlin. 2,686,822.
 Catlin, John P., to Remington Arms Co., Inc. 2,685,252, Cl. 102—45.
 Catlin, Robert T., Stratford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Fire control for powder actuated tools. 2,669,716, Feb. 23.
 Catlin, Robert T., assignor to Remington Arms Company, Inc. 2,675,607, Cl. 29—148.
 Catlin, Robert T., to Remington Arms Co., Inc. 2,692,383, Cl. 1—44.5.
 Catlin, Robert T., and R. P. Kelly, assignors to Remington Arms Company, Inc. 2,675,546, Cl. 1—44.5.
 Catlin, Willard E., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Alkyl acrylate/N-hydrocarbon-substituted acrylamide/unsaturated tertiary amino compound copolymers. 2,666,044, Jan. 12.
 Cato, James O., Sr. 2,684,045, Cl. 115—24.
 Caton, Joseph D., assignor to Chrysler Corporation. 2,680,475, Cl. 155—179.
 Catron, Russell M. 2,683,948, Cl. 42—72.
 Catry, Jean: *See*—
 Low, Robert N., and Catry.
 Catterall, William E., Elizabeth, N. J., assignor to Standard Oil Development Company. Extractive distillation. 2,669,541, Feb. 16.
 Catterall, William E., Elizabeth, and S. C. Lane, Roselle, N. J., assignors to Standard Oil Development Company. Alcohol synthesis. 2,669,589, Feb. 16.
 Cauchois, Jean, to Compagnie Generale de Telegraphie Sans Fil. 2,695,995, Cl. 343—9.
 Caudill, Howard F., assignor to Western Foundation Corporation. 2,674,876, Cl. 73—84.
 Caule, Elmer J. 2,683,030, Cl. 265—70.
 Caulfield, Joseph R.: *See*—
 Auerbacher, George N., and Caulfield. 2,690,121.
 Caulford, Donald A.: *See*—
 Phin, Sidney R., and Caulford. 2,681,743.
 Phin, Sidney R., and Caulford. 2,683,549.
 Caulk, Barrett E., Jr. 2,681,443, Cl. 340—253.
 Cauley, James F., assignee: *See*—
 Doschek, Antony.
 Causley, Arthur L., Detroit, assignor to Michigan Powdered Metal Products Company, Northville, Mich. Fluid-permeable article and making the same. 2,665,960, Jan. 12.
 Causley, Arthur L., to Michigan Powdered Metal Products Co., Inc. 2,695,231, Cl. 75—208.
 Cavala, Anthony J.: *See*—
 Acker, Robert W., Jr., Cavala, Fuess, and Schreiner. 2,693,033.
 Cavalle, Anthony B.: *See*—
 Wright, Wilbert H., and Cavalle. 2,696,663.
 Cavalli, Louis W.: *See*—
 Greenlaw, Harold, Cavalli, and Reyna. 2,694,596.
 Reyna, Carl A., and Cavalli. 2,696,400.
 Cavallito, Chester J., to Sterling Drug Inc. 2,685,594, Cl. 260—434.
 Cavanagh, Alfred E. 2,693,051, Cl. 46—201.
 Cavanagh, James A., assignee: *See*—
 McGill, Henry.
 Cavanagh, John F., to J. Moretti. 2,695,730, Cl. 221—168.
 Cavanagh, Patrick E., to Ontario Research Foundation. 2,686,118, Cl. 75—211.
 Cavanaugh, Harry F. 2,690,728, Cl. 115—42.
 Cavanaugh, James R. 2,695,448, Cl. 30—34.
 Cavanaugh, John J. 2,678,135, Cl. 211—86.
 Cavanaugh, Martin J., Elmira, N. Y. Expanding fishhook. 2,669,053, Feb. 16.
 Cavilli, Louis W., and C. A. Reyna, to Edlo Inc. 2,693,385, Cl. 294—87.2.
 Cawi, Johannes: *See*—
 Cawi, Wilhelm. 2,678,827.
 Cawi, Wilhelm. 2,682,736.
 Cawi, Wilhelm. 2,695,177.
 Cawi, Wilhelm, assignor to J. Cawi. 2,678,827, Cl. 279—56.
 Cawi, Wilhelm, to J. Cawi. 2,682,736, Cl. 51—219.
 Cawi, Wilhelm, to J. Cawi. 2,695,177, Cl. 279—66.
 Cawl, Allen P., assignor to General Electric Company. 2,674,405, Cl. 230—117.
 Cawley, John D., C. D. Robeson, and W. J. Humphlett, assignors to Eastman Kodak Company. 2,676,989, Cl. 260—598.
 Cawley, John D., and M. H. Stern, assignors to Eastman Kodak Company. 2,680,749, Cl. 260—345.5.
 Cawood, Eric E. C.: *See*—
 Anderton, Sidney B., and Cawood.
 Cawood, Harry P., Topeka, Kans. Rotating reel type lawn mower. 2,665,539, Jan. 12.
 Cayère, Paul: *See*—
 Picand, Roland, and Cayère. 2,683,301.
 Ceci, Amanzio. 2,695,574, Cl. 109—3.
 Cederquist, Karl N., assignor to Stora Kopparbergs Bergslags Aktiebolag, Falun, Sweden. Dewatering lignocellulosic materials in the production of fuel. 2,668,099, Feb. 2.

- Cee-Bee Mfg. Co., Inc.: *See*—
Loew, Theodore. 2,685,908.
- Cefas Aktiengesellschaft: *See*—
Etzkorn, Rudolf. 2,694,606.
- Cejka, Edward M.: *See*—
Allison, James W., and Cejka.
- Celanese Corp. of America: *See*—
Allen, Lyman H., Jr. 2,678,600.
Benues, William J., and Leyes. 2,679,661.
Berardinelli, Frank, and Myles. 2,691,565.
Cramer, William J., Jr., Horn, and Lizer. 2,684,586.
Culpepper, Frank M.
Dennison, William W., Abramson, and Davis. 2,689,587.
Denyes, Russell O.
Dice, Henry K. 2,678,905.
Dolmetsch, Carl R. 2,689,192.
Ewing, Henry, and Blackmore. 2,681,036.
Ewing, Henry, and Blackmore. 2,681,292.
Fortess, Fred. 2,684,311.
Fortess, Fred. 2,693,432.
Fortess, Fred, and Bowen. 2,676,152.
Fortess, Fred, and Hohing. 2,676,924.
Fortess, Fred, Hohing, and Rio. 2,676,975.
Fortess, Fred, and White. 2,689,817.
Hayes, Reginald, and Goldberg. 2,686,347.
Horback, William B., Berardinelli, and Paist.
Horback, William B., and Moelter. 2,689,800.
Humphreys, William P., Jr. 2,672,486.
Jones, Edward T., Jr. 2,674,112.
Jones, Wilford D., and McFarlane.
Lomartire, John. 2,680,136.
MacLean, Alexander F. 2,675,346.
Mitchell, Robert L., and Walker.
Moos, Gilbert E., and Clemmer, and Carwell. 2,697,022.
Nistico, Frank, and Sprague. 2,694,311.
Normand, Wilfred T. 2,696,421.
Petersen, Svend A. 2,694,448.
Plungian, Mark.
Prossen, Louis F.
Roberts, Samuel B. 2,691,292.
Robertson, Nat C., and Mitchell. 2,689,253.
Robertson, Nat C., and Walker.
Ross, Stanley E., and Noether. 2,698,317.
Roughsedge, Robert H., and Lustig. 2,674,110.
Salvin, Victor S., and Adams. 2,687,941.
Salvin, Victor S., and Landau.
Sammons, Charles W., and Fisher. 2,685,497.
Schnizer, Arthur W.
Skeist, Irving. 2,682,513.
Speakman, John B., and Crummett. 2,692,420.
Stanton, Robert E. 2,680,470.
Sutherland, Frederick F.
Van Gorder, Norman, and Paist. 2,678,309.
Van Gorder, Norman, and Paist. 2,678,330.
White, Blanche B., and Barabash. 2,683,143.
- Celastec Corp., The: *See*—
Quinlivan, Quentin L. 2,684,305.
- Celestin, William E., assignee: *See*—
Wright, Arthur.
- Celien, Raymond A., Denver, Colo., assignor to The American Coleman Company, Omaha, Nebr. Tractor for semi-trailers and the like. 2,669,317, Feb. 16.
- Cellerini, Albert R.: *See*—
Drobney, Joseph A., and Cellerini. 2,679,562.
- Cellerini, Albert R., assignor to Westinghouse Electric Corporation. 2,679,564, Cl. 200—116.
- Cellerini, Albert R., to Westinghouse Electric Corp. 2,687,462, Cl. 200—147.
- Cellerini, Albert R., and J. A. Drobney, to Westinghouse Electric Corp. 2,693,513, Cl. 200—88.
- Cellucord Corp., The: *See*—
Kimball, Benjamin M. 2,687,299.
- Cellulose Development Corp. Ltd.: *See*—
Becker, Frederick G. L. 2,695,756.
- Cellulastic Corporation, assignee: *See*—
Halbach, Ernest W.
- Celmer, Philip R., Jr., to Radio Corporation of America. 2,683,693, Cl. 252—301.6.
- Celotex Corp., The: *See*—
Muench, Carl G. 2,694,648.
- Cencer, Peter F., and F. Whiteman, to L. Gidion, special administratrix of the estate of F. M. Gidion, deceased. 2,688,944, Cl. 112—210.
- Cenerosky, Stanley. 2,690,705, Cl. 90—60.
- Centanni, Elizabeth: *See*—
Centanni, Louis T. 2,694,257.
- Centanni, Louis T., deceased (E. Centanni, administratrix), $\frac{1}{2}$ to H. Levenson. 2,694,257, Cl. 33—2.
- Central Commercial Industries, Inc., assignee: *See*—
Koehl, James A. 2,679,781.
Pelletier, Lawrence, Anderson, and Fener.
- Central Fibre Products Co., Inc.: *See*—
Howard, Wilford. 2,686,555.
- Central Iron & Steel Company, assignee: *See*—
Hollinger, Richard. 2,680,607.
- Central Railway Supply Co.: *See*—
Johnson, Malcolm S. 2,681,470.
- Central Spool and Tube Co.: *See*—
Rynish, Louis J. 2,682,207.
- Central Trust Co., The: *See*—
Zobel, Theodor W., and Mirus. 2,693,065.
- Centre d'Etudes M. B. A. (Mecanique, Balistique, Arme-ment): *See*—
Gourdon, Robert.
Gourdon, Robert. 2,696,919.
- Centre National de la Recherche Scientifique, assignee: *See*—
Cagniard, Louis. 2,677,801.
Choucroun, Nine. 2,680,702.
Felici, Noël. 2,675,516.
- Centric Clutch Company, assignee: *See*—
Bruestle, Carl O.
- Century Display Mfg. Co., Inc.: *See*—
Evans, Jack. 2,695,210.
- Century Lighting, Inc., assignee: *See*—
McCandless, Stanley.
- Cepco, Inc.: *See*—
Lee, Sherman H. 2,698,071.
- Ceresa, Bruno. 2,684,265, Cl. 296—76.
- Cerf, Robert C., Jr., to Hollymade Hardware Mfg. Co. 2,694,309, Cl. 70—147.
- Cerminara, Sam, to Syntro Co. 2,694,156, Cl. 310—19.
- Cerness, Joseph F.: *See*—
Schaefer, Ralph A., Cerness, and Morrison. 2,687,565.
- Cerny, Louis L.: *See*—
Yanus, Albert B., and Cerny. 2,683,281.
- Cerone, Pasquale L., Dewitt, N. Y. Ribbon curler. 2,669,913, Feb. 23.
- Certain-Teed Products Corp.: *See*—
Copeland, Randolph P.
Croce, Michele, and Shuttleworth. 2,681,863.
Dalphone, Louis J.
Lindquist, John R.
- Certified Burglar Alarm Systems, Inc.: *See*—
Poulson, Frank E. 2,686,909.
- Cerullo, Anthony R.: *See*—
Merrill, Patterson D., and Cerullo. 2,685,809.
- Cerutti, Bernard C., and H. V. Lichtenberger, to the United States of America as represented by the United States Atomic Energy Commission. 2,682,785, Cl. 74—674.
- Cerveny, Frank E.: *See*—
Jepson, Ivar, and Cerveny.
Jepson, Ivar, and Cerveny. 2,696,568.
- Cerveny, William J., to Standard Oil Co. 2,686,206, Cl. 260—604.
- Cerveny, William J., D. E. Burney, and G. H. Weisemann, to Standard Oil Co. 2,685,577, Cl. 260—94.9.
- Cervone, Joseph, assignee: *See*—
Ruiz, Raymond R., and Smith.
- Cesar, Jorge M. 2,677,302, Cl. 88—1.
- Cesare, Dominec J., Chicago, Ill. Device for cutting and forming meat patties and the like. 2,665,649, Jan. 12.
- Cesare, Dominec J. 2,675,002, Cl. 128—283.
- Cesareo, Orfeo, and W. B. Strickler, to Bell Telephone Laboratories, Inc. 2,692,082, Cl. 235—61.
- Ceskoslovenske Textilni Zavody, narodni podnik, assignee: *See*—
Svatý, Vladimír.
- Cessford, William W. 2,696,389, Cl. 280—293.
- Ceulemans, Joannes J. P. 2,677,280, Cl. 74—40.
- Chabab, Marcel R. A., Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. Compressor. 2,666,571, Jan. 19.
- Chabot, Edward J. 2,695,149, Cl. 248—43.
- Chace, Thomas B., to The Dole Valve Co. 2,684,081, Cl. 137—517.
- Chace, W. M., Company, assignee: *See*—
Alban, Clarence F., and Hill.
- Chacon, Jaime C.: *See*—
Aguirre Gonzalo, José M., and Chacon. 2,677,867.
- Chadbourne, Joseph H., Danielson, Conn., assignor to The Danielson Manufacturing Company. Manufacture of composite wire and rope. 2,669,754, Feb. 23.
- Chadeloid Corp.: *See*—
Berglund, Orion W. 2,674,538.
Berglund, Orion W. 2,691,564.
Nack, Herman, and Deniston. 2,680,103.
Nack, Herman R., and Waldie. 2,691,596.
- Chadkewicz, Alexander: *See*—
Nims, Paul T., and Chadkewicz.
- Chadsey, Earl E., Jr.: *See*—
Clough, Philip J., and Chadsey.
- Chadsey, Earl E., Jr., Newton, assignor to National Research Corporation, Cambridge, Mass. Vapor coating apparatus. 2,664,852, Jan. 5.
- Chadsey, Earl E., Jr., Newton, P. J. Clough, Reading, and P. Godley, 2nd., Lexington, assignors to National Research Corporation, Cambridge, Mass. Metal vaporizing crucible. 2,665,320, Jan. 5.
- Chadwick, Alexander: *See*—
Nims, Paul T., and Chadkewicz.
- Chadwick, Lee S., Shaker Heights, and M. Resek, Cleveland Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Rack guide for cooking ovens. 2,671,004, Mar. 2.
- Chadwick, Lee S., M. Resek, and H. A. Squire, to Perfection Stove Co. 2,693,792, Cl. 126—39.
- Chadwick, Richard, and J. F. Hobbs, to Imperial Chemical Industries Ltd. 2,692,410, Cl. 22—57.2.
- Chaffee, Raymond O., to United-Carr Fastener Corp. 2,693,875, Cl. 206—56.
- Cha-Gobe Company, Inc., assignee: *See*—
Stotz, Charles K. 2,676,520.

- Chain Belt Co.: *See*—
 Baker, George W., and Olson. 2,680,866.
 Eickstaedt, Edwin A. 2,687,286.
 Janis, Alex S. 2,676,920.
 Lendved, John W. 2,696,371.
 Lendved, John W., and Buelow. 2,688,472.
 Longenecker, Charles I. 2,685,259.
 Olson, Albert M. 2,692,200.
 Olson, Albert M. 2,697,665.
 Strehlow, Robert W.
 Strehlow, Robert W. 2,676,759.
- Chakiris, Demetrius G.: *See*—
 Poorman, Robert F., Chakiris, and Kemp. 2,679,643.
- Chalfin, Norman L., assignor of 30% to I. Seidman. 2,680,786, Cl. 179—100.4.
- Chalfin, Norman L., 30% to I. Seidman. 2,693,364, Cl. 274—39.
- Chalfont, Guy F., C. H. Judd, and G. A. Tinnerman, to Tinnerman Products, Inc. 2,687,666, Cl. 85—11.
- Chalikian, John, and H. and A. Gold. 2,682,759, Cl. 63—14.
- Chalk, Thomas C. 2,679,673, Cl. 24—157.
- Chalkley, Lyman. 2,676,887, Cl. 95—7.
- Chall, Harold J.: *See*—
 Crosman, Loring P., and Chall.
- Challenge Machinery Co., The: *See*—
 Barney, Freeman. 2,674,943.
 Barney, Freeman, and Lee. 2,681,104.
 Foote, Elmer M., and Barney. 2,686,037.
- Challis, Anthony A. L., to Imperial Chemical Industries Ltd. 2,691,624, Cl. 202—42.
- Challis, Anthony A. L., to Imperial Chemical Industries Ltd. 2,695,267, Cl. 202—42.
- Chalmer, Ernest. 2,674,736, Cl. 1—46.
- Chalmers, Burl E.: *See*—
 Wallace, Earl C., and Chalmers. 2,687,537.
- Chalmers, Frederick W., Grosse Pointe, Mich. Load carrying attachment for lawn mowers. 2,670,964, Mar. 2.
- Chalom, Joseph A., Paris, France. Nozzle for expansion and compression of gases. 2,666,279, Jan. 19.
- Chalos, Marcel, assignor to Societe des Grands Travaux de Marseille, Societe Anonyme. 2,674,115, Cl. 72—50.
- Cham, Edward J.: *See*—
 Derr, Willard A., and Cham. 2,698,415.
- Chamberlain, Alan H. 2,676,857, Cl. 309—12.
- Chamberlain, Carlton A., to Dresser Operations, Inc. 2,691,269, Cl. 60—54.
- Chamberlain, Henry T., trustee: *See*—
 Barrett, Edward L. 2,684,396.
 Barrett, Edward L. 2,692,745.
- Chamberlain, Richard K., and K. P. Hillegass, Akron, Ohio, assignors, by mesne assignments, to The Goodyear Tire & Rubber Company. Automatic clearance adjusting mechanism for single-disk, spot-type brakes. 2,669,327, Feb. 16.
- Chamberlain, Richard K., and D. D. Neff, to The Goodyear Tire & Rubber Co. 2,682,320, Cl. 188—264.
- Chamberlin, Alan C.: *See*—
 Dougherty, Robert S. A., Chamberlin, and Nieman.
- Chamberlin Company of America, assignee: *See*—
 Cook, John T., and Willett.
- Chamberlin, Earl M., and M. Tishler, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. 2,2-diphenyl-3-methyl-4-chloro-butyronitrile and preparing the same. 2,671,798, Mar. 9.
- Chamberlin, Reginald H. D.: *See*—
 Catford, Adrian L., and Chamberlin.
- Chambers, Albert M., Jr.: *See*—
 Fisher, Edward W., Jr., and Chambers.
- Chambers, Albert M., Jr., Palmyra, N. Y., H. F. Greiner, Providence, R. I., and K. C. Wizeman, assignors to The Garlock Packing Company, Palmyra, N. Y. Unitary rotary seal, including both stationary and rotatable sealing rings. 2,672,360, Mar. 16.
- Chambers, Albert M., Jr., and G. R. Milligan, to The Garlock Packing Co. 2,695,799, Cl. 286—11.
- Chambers, Alexander M. 2,687,711, Cl. 123—127.
- Chambers Corporation, assignee: *See*—
 Chambers, John E.
 Chambers, John E., and Phares.
 Williams, Willis E. 2,678,643.
- Chambers, David B., to Coats & Clark Inc. 2,681,731, Cl. 206—47.
- Chambers, Herbert I., and L. B. Ehrlich, to The Electric Auto-Lite Co. 2,693,881, Cl. 210—178.
- Chambers, Jeanne M., Chicago, Ill. Drying device for nail polish and the like. 2,673,402, Mar. 30.
- Chambers, John E., Shelbyville, Ind., assignor to Chambers Corporation. Broiler reflector shield. 2,668,527, Feb. 9.
- Chambers, John E., Shelbyville, Ind., assignor to Chambers Corporation. Ignition device for gas burners. 2,670,791, Mar. 2.
- Chambers, John E., and T. E. Phares, Shelbyville, Ind., assignors to Chambers Corporation. Flue structure for gas ranges. 2,672,137, Mar. 16.
- Chambers, John M.: *See*—
 Ferguson, Henry G., Chambers, and Sands. 2,689,513.
- Chambers, John M., to Stone & Webster Engineering Corp. 2,695,867, Cl. 202—42.
- Chambers, Laura A., San Francisco, Calif. Drainable body urinal. 2,672,145, Mar. 16.
- Chambers, Lawrence S. 2,674,313, Cl. 166—1.
- Chambers, Lawrence S. 2,674,439, Cl. 255—1.4.
- Chambers, Robert B. 2,681,713, Cl. 188—90.
- Chambers, Torrence H. 2,694,143, Cl. 250—27.
- Chambers, Victor S.: *See*—
 Howland, Louis H., and Chambers. 2,681,331.
- Chambers, William M., assignor to International Telephone and Telegraph Corporation. 2,680,182, Cl. 219—8.
- Chambers, Worthly L., and J. H. Konefes, to Motor Products Corp. 2,689,778, Cl. 312—351.
- Chamer, Ernest S., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Brazing flux. 2,666,725, Jan. 19.
- Champagnat, Alfred V., assignee: *See*—
 Ahier, George C., and Krull. 2,680,469.
- Champagne, Neil A., assignee: *See*—
 Polymeros, Donald P.
- Champayne, Roy J., Rockford, Ill. Rubbing machine. 2,669,812, Feb. 23.
- Champion Corp.: *See*—
 Krukowski, Kasimir J. 2,684,256.
- Champion Dish Washing Machine Company, assignee: *See*—
 Davis, Patrick H.
- Champion, George D. 2,680,931, Cl. 45—68.4.
- Champion Mfg. Co.: *See*—
 Cooper, William M. 2,695,015.
- Champion Paper and Fibre Co., The: *See*—
 Montgomery, William J., and Taylor. 2,676,563.
 Montgomery, William J., and Taylor. 2,695,004.
 Zilliox, Thomas L., and Taylor. 2,691,606.
- Champion Rivet Co., The: *See*—
 Hunt, Edward M. 2,696,781.
- Champion Spark Plug Company, assignee: *See*—
 Rusher, John J.
- Champlain Co., Inc.: *See*—
 Auerbacher, George N., and Caulfield. 2,690,121.
- Chance, A. B., Co.: *See*—
 Altherr, Walter M. 2,697,150.
 Cooper, James J., and Vordtriede.
 Hubbard, David C. Re. 23,885.
 Hubbard, David C., and Hollander. 2,692,315.
 Sander, Vernon A.
 Turner, John L. 2,698,422.
 Vordtriede, Oliver A.
- Chance, Britton, Cambridge, and I. A. Greenwood, Jr., Boston, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Radio course indicating system. 2,666,914, Jan. 19.
- Chance, Dorothy C.: *See*—
 Kulp, Maurice P., Vandeburgh, and Chance. 2,689,784.
- Chance, Leon H.: *See*—
 Guthrie, John D., Chance, and Hoffpauir. 2,681,846.
- Chance Vought Aircraft, Inc.: *See*—
 Butler, George V., and MacDonough. 2,685,469.
 Eagon, Norton D. 2,679,991.
 Eagon, Norton D., and Furay. 2,682,746.
 Hammond, Douglas L., and Boyce. 2,685,422.
 Hospers, John J. 2,675,197.
 Lee, John G. 2,694,357.
 Palley, I. Nevin. 2,679,369.
 Pitman, Wayland A. 2,679,468.
 Riley, John M. 2,687,463.
- Chanda, Edward J. 2,681,238, Cl. 285—40.
- Chandler, Alanson W., to Phillips Petroleum Co. 2,690,917, Cl. 284—18.
- Chandler, Daniel L., to Zina Goodell Corp. 2,686,351, Cl. 29—73.
- Chandler, Edward F. 2,680,800, Cl. 219—19.
- Chandler, Edward F. 2,681,619, Cl. 102—49.
- Chandler, Edward F. 2,683,963, Cl. 60—35.6.
- Chandler, Edward F. 2,686,863, Cl. 219—39.
- Chandler, James H., Steger, Ill. Article handling and stacking machine. 2,672,079, Mar. 16.
- Chandler, James V.: *See*—
 Shea, Joseph L., Jr., Chandler, and Trusdel. 2,685,340.
- Chandler, Leslie V.: *See*—
 Hunter, Percival G., and Chandler. 2,678,195.
- Chandler, Louis W.: *See*—
 Klasing, Charles L., Jr., and Chandler. 2,694,944.
- Chandler, Milton E., to Niles-Bement-Pond Co. 2,697,909, Cl. 60—39.28.
- Chandler & Price Co., The: *See*—
 Rowell, George S. 2,698,175.
 Rupp, William C. 2,692,668.
- Chandler, Robert E.: *See*—
 Ayers, George W., Geerts, and Chandler.
- Chandler, Roy. 2,678,810, Cl. 261—92.
- Chandler, William H., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. High sulfur content fuel. 2,673,145, Mar. 23.
- Chandler, William S. 2,697,856, Cl. 19—99.
- Chandley, Henry K., to The Firestone Tire & Rubber Co. 2,685,905, Cl. 152—342.
- Chaney, Allen L.: *See*—
 McCracken, Edward A., and Chaney.
- Chaney, David W., to The Chemstrand Corp. 2,688,010, Cl. 260—77.5.
- Chaney, David W., and H. M. Hoxie, to American Viscose Corp. 2,687,938, Cl. 8—55.
- Chaney, David W., and H. M. Hoxie, to American Viscose Corp. 2,688,008, Cl. 260—45.5.
- Chaney, David W., and H. M. Hoxie, to American Viscose Corp. 2,688,012, Cl. 260—80.5.

- Chaney, John W., assignee: *See*—
White, James E.
- Chaney, Leonard P., Houston, Tex. Connecting means for electrical conductors. 2,668,948, Feb. 9.
- Chaney, Preston E., and W. E. Barnes, to Sun Oil Co. 2,697,585, Cl. 255—14.
- Chang, Sheldon S. L.: *See*—
Byram, Frederick C., and Chang. Re. 23,870.
Lloyd, Tom C., and Chang. 2,695,369.
- Chang, Sheldon S. L., to Robbins & Myers, Inc. Re. 23,872, Cl. 103—133.
- Chanlund, Carl W.: *See*—
Jessen, George R., and Chanlund.
- Channell, Charles A. 2,677,837, Cl. 15—119.
- Channell, James W. 2,683,304, Cl. 29—155.55.
- Channel Master Corp.: *See*—
Lo, Yuen T. 2,691,730.
- Chanowitz, Harry, Chicago, assignor to D. T. Siegel, Wheaton, Ill. Welding method and article produced thereby. 2,666,120, Jan. 12.
- Chantler, Samuel W., South Orange, assignor to Elastic Stop Nut Corporation of America, Union, N. J. Self-locking fastening device. 2,672,173, Mar. 16.
- Chanyi, Louis C., to United States Rubber Co. 2,681,108, Cl. 164—84.5.
- Chanz, Arthur C.: *See*—
Sheffer, John W., Watson, and Chanz. 2,680,420.
- Chapin, Edward W., Baltimore, and W. K. Roberts, Laurel, Md. Automatic switching of television receivers. 2,668,193, Feb. 2.
- Chapin, Gueneviere: *See*—
Chapin, Perry R. 2,689,385.
- Chapin, Perry R., to G. Chapin. 2,689,385, Cl. 20—45.
- Chapin, William T., Baldwinville, N. Y., assignor to General Electric Company. Cathode-follower impedance matching device. 2,666,815, Jan. 19.
- Chaplin Corp.: *See*—
Chaplin, Merle P. 2,697,967.
- Chaplin, Hubert O., C. G. Hubbard, and C. H. James, to United Shoe Machinery Corp. 2,681,037, Cl. 118—410.
- Chaplin, Merle P., to Chaplin Corp. 2,697,967, Cl. 92—59.
- Chapman, Aurelius F., assignor to E. I. du Pont de Nemours and Company. 2,676,121, Cl. 117—138.8.
- Chapman, Bert, assignor to International Business Machines Corporation. 2,678,095, Cl. 161—1.
- Chapman, Everett, Las Vegas, Nev. Finned element for thermal or heat transfer purposes. 2,667,337, Jan. 26.
- Chapman, Everett, 1/2 to Aeroprojects Inc. 2,697,953, Cl. 78—81.
- Chapman Forest Utilization, Inc.: *See*—
Chapman, Ralph. 2,696,146.
- Chapman, Fred A., and F. D. Koch. 2,693,635, Cl. 29—288.
- Chapman, Glenn L.: *See*—
Wall, Douglas E., and Chapman. 2,693,987.
- Chapman, Harry E., Galesburg, Ill. Thermal and fanning strip for electrical conductors. 2,667,529, Jan. 26.
- Chapman, James E., assignor to The Garrett Corporation, Los Angeles, Calif. Electric motor valve actuator system. 2,668,267, Feb. 2.
- Chapman, Mervil D. 2,680,390, Cl. 77—58.
- Chapman, Paul R.: *See*—
Brennan, Elmer W., Chapman, and Wolfram. 2,678,937.
- Chapman, Ralph, to Chapman Forest Utilization, Inc. 2,696,146, Cl. 92—39.
- Chapman, Weldon G.: *See*—
Troyan, James E., and Chapman. 2,684,357.
- Chappel, Eugene, assignor to Utica Drop Forge & Tool Corporation. 2,679,571, Cl. 219—8.
- Chappell, Edward M., Jr. 2,689,496, Cl. 81—100.
- Chappell, Story F. 2,692,044, Cl. 209—83.
- Chappory, Andrew, assignor to National Biscuit Company. 2,676,712, Cl. 211—138.
- Charbonneau, Allan P., to Cutler-Hammer, Inc. 2,690,490, Cl. 201—67.
- Charbonnel, Paul, Lyon, France. Gas mask and helmet. 2,671,445, Mar. 9.
- Charch, William H., to E. I. du Pont de Nemours and Co. 2,686,103, Cl. 18—54.
- Charles, Roger, to Union Francaise Commerciale et Industrielle. 2,695,259, Cl. 167—88.
- Charles, Daniel: *See*—
Warnecke, Robert, and Charles. 2,680,825.
- Charles, Daniel, to Compagnie Generale de Telegraphie Sans Fil. 2,694,783, Cl. 315—3.
- Charles, Ernest, assignor to Societe des Produits Chimiques de Clamecy, Clamecy, France. Method and apparatus for the continuous production of carbon disulphide. 2,670,277, Feb. 23.
- Charles, Randolph E., to General Communication Co. 2,697,767, Cl. 200—155.
- Charlotte, Hubert F. 2,688,708, Cl. 313—40.
- Charlton, Edward J., and L. Pompa, to Lukens Steel Co. 2,697,284, Cl. 34—124.
- Charlton, William, and E. G. Rutter, assignors to Imperial Chemical Industries Limited. 2,676,164, Cl. 260—75.
- Charma Brassiere Company, Inc., assignee: *See*—
Alberts, Jacob L., L. N., and S. S.
- Charman, Howard R., assignor to The Ferro Engineering Company. 2,676,703, Cl. 206.65.
- Charney, Joseph. 2,681,772, Cl. 242—134.
- Charpiat Corp., The: *See*—
Charpiat, Edward B. 2,684,787.
- Charpiat, Edward B., to The Charpiat Corp. 2,684,787, Cl. 222—175.
- Charton, Paul W., Montclair, assignor to National Union Radio Corporation, Orange, N. J. Beam shift electron tube. 2,672,573, Mar. 16.
- Chasar, Anthony R., to The Oster Mfg. Co. 2,693,966, Cl. 279—114.
- Chase, Charles R., Morrisville, Pa., and G. L. Bliss, Cleveland, Ohio, assignors to United States Steel Corporation. Apparatus for drying a liquid coating on an elongated product. 2,669,031, Feb. 16.
- Chase, Ernest E.: *See*—
Stratton, Frank E., Nokes, and Chase. 2,687,675.
- Chase, Fay H., to Bell Telephone Laboratories, Inc. 2,693,568, Cl. 321—18.
- Chase, Fay H., to Bell Telephone Laboratories, Inc. 2,693,572, Cl. 323—22.
- Chase, Henry M. Re. 23,890, Cl. 99—193.
- Chase, Henry M. Re. 23,891, Cl. 99—193.
- Chase, Robert L., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,677,104, Cl. 324—78.
- Chase Shawmut Co., The: *See*—
Hitchcock, Paul C. 2,678,980.
Hitchcock, Paul C. 2,680,173.
Hitchcock, Paul C. 2,691,083.
Kozacka, Frederick J.
Kozacka, Frederick J. 2,688,061.
Kozacka, Frederick J., Swain, and Salzer. 2,681,398.
- Chase, Sidney J., and E. J. O'Reilly, to C & F Machine Works. 2,697,609, Cl. 275—8.
- Chatelain, Frederic. 2,680,791, Cl. 200—46.
- Chatelain, Frederic J. 2,693,097, Cl. 68—12.
- Chatelain, John B., to Freeport Sulphur Co. 2,690,880, Cl. 241—39.
- Chatfield, Henry B. 2,695,725, Cl. 220—46.
- Chatfield, Henry B. 2,695,726, Cl. 220—46.
- Chatlyne, Bert H., Buffalo, and M. C. Herget, Depew, assignors to Sell Well Industries Inc., Buffalo, N. Y. Safety lock for automobile doors. 2,572,943, Mar. 23.
- Chatsworth Mfg. Co.: *See*—
Phelps, William M. 2,685,725.
- Chatterton, James L. 2,674,444, Cl. 261—121.
- Chattin, Robert C.: *See*—
Severance, Joe.
Severance, Joe. 2,694,967.
- Chattin, Robert C. 2,687,683, Cl. 97—215.
- Chattin, Robert C. 2,694,969, Cl. 97—188.
- Chaun, Kenneth W. 2,677,885, Cl. 30—43.
- Chauvin, Willie L. 2,695,449, Cl. 30—107.
- Chavane, Louis: *See*—
Rich, Marcel, and Chavane. 2,674,967.
- Chavannes Industrial Synthetics, Inc., assignee: *See*—
Chavannes, Marc A., and Howden.
- Chavannes, Marc A., Pompton Lakes, N. J., and J. W. Howden, New York, N. Y., assignors to Chavannes Industrial Synthetics, Inc. Method and apparatus for bonding fibers together. 2,671,496, Mar. 9.
- Chaveneaud, Roger M., Paris, France. Sign transfer device. 2,667,628, Jan. 26.
- Chavigner, André C., to Societe Alsacienne de Constructions Mecaniques. 2,698,430, Cl. 340—242.
- Chaya, John S., to American Viscose Corp. 2,694,848, Cl. 28—32.
- Cheatum, Leo G., and N. W. Summers, to Deere Mfg. Co. 2,697,358, Cl. 74—116.
- Check, Mathias M., assignor to The Yale & Towne Manufacturing Company. 2,676,480, Cl. 70—418.
- Chedister, Conkling: *See*—
Bogert, John L., and Chedister. 2,674,512.
- Chedister, Conkling, Livingston, N. Y. Hair drier. 2,668,367, Feb. 9.
- Cheesman, Helen B. 2,692,396, Cl. 5—334.
- Chefford Master Manufacturing Co. Inc., assignee: *See*—
Waldherr, John, Jr.
- Chef-Way, Inc.: *See*—
Ahlstrom, Edward F. 2,684,783.
- Chelf, Clarence C., Lebanon, Ky. Vehicle operation recorder with slow speed compensator. 2,668,094, Feb. 2.
- Chelf, James E. 2,682,420, Cl. 280—407.
- Chellberg, Walter F. 2,677,391, Cl. 137—624.
- Chelsea Carton Co.: *See*—
Patterson, William S., and Ducharme. 2,697,541.
- Chemical Construction Corp.: *See*—
Allen, Louis N., Jr. 2,688,854.
Allen, Louis N., Jr. 2,691,570.
Falck-Muss, Roif. 2,690,391.
McGauley, Patrick J. 2,695,842.
McGauley, Patrick J., and Schaufelberger. 2,686,114.
Schaufelberger, Felix A. 2,694,005.
Schaufelberger, Felix A., and McGauley. 2,694,006.
Schaufelberger, Felix A., Van Hare, and McGauley. 2,695,843.
Strelzoff, Samuel, and Roberts. 2,689,175.
- Chemical Foundation, Inc., The: *See*—
Hixson, Arthur W., and Miller.
Miller, Benjamin. 2,677,945.
Miller, Benjamin. 2,678,531.
Miller, Benjamin. 2,678,532.
Miller, Ralph. 2,682,551.
Miller, Ralph. 2,688,626.
Miller, Ralph. 2,691,569.

- Chemical and Mechanical Processes Limited, assignee: *See—*
 Devaud, Charles.
- Chemical Packaging Corp.: *See—*
 Hollis, Clinton R. 2,674,978.
 Hollis, Clinton R. 2,684,019.
- Chemical Seed Treating and Delinting Corp.: *See—*
 Streets, Robert B. 2,696,821.
- Chemical Sundries Co., assignee: *See—*
 Dublin, Arthur. 2,679,926.
- Chemicolloid Laboratories, Inc.: *See—*
 Ball, Charles O. 2,696,440.
 O'Keefe, David F. 2,685,437.
- Chemische Fabriek L. van der Grinten N. V.: *See—*
 Van der Grinten, Lodewijk E. 2,681,603.
 Van der Grinten, Lodewijk E. 2,681,604.
 Van der Grinten, Lodewijk E. 2,681,605.
- Chempatents, Inc.: *See—*
 Egbert, Robert B.
 Egbert, Robert B. 2,693,474.
 Saffer, Alfred. 2,687,380.
- Chemstrand Corp., The: *See—*
 Chaney, David W. 2,688,010.
 Craig, Alfred B. 2,696,478.
 Downing, Cole.
 Dye, William T. Jr.
 Gluesenkamp, Earl W., and Ham. 2,674,592.
 Ham, George E. 2,676,952.
 Ham, George E. 2,686,169.
 Ham, George E. 2,691,645.
 Ham, George E. 2,696,483.
 Ham, George E., and Craig. 2,691,641.
 Holt, Lawrence C. 2,686,339.
 Justice, John L.
 Justice, John L. 2,695,278.
 Larson, Robert J.
 Lytton, Marion R.
- Chen, Fuchon T. 2,684,294, Cl. 48—27.
- Chenault, Roy L., Seneca, Pa., assignor to United States Steel Corporation. Hydraulic pumping unit. 2,665,551, Jan. 12.
- Chenault, Roy L., assignor to United States Steel Corporation. 2,679,806, Cl. 103—46.
- Chenery, Peter J., Pelham, N. Y., assignor to The Sperry Corporation. Accelerometer. 2,672,334, Mar. 16.
- Chenery, Peter J., and J. C. Newton, assignors to The Sperry Corporation. 2,678,177, Cl. 244—76.
- Cheneweth, James E. 2,676,593, Cl. 128—268.
- Cheney, Charles W., Hockley, Birmingham, England. Hasp and hinge fittings for expandable telescopic travel cases, trunks, and the like. 2,673,759, Mar. 30.
- Cheney, Charles W. 2,697,626, Cl. 292—173.
- Cheney, Lee C.: *See—*
 Cooper, Douglas E., and Cheney. 2,688,618.
- Cheney, Lee C., to Bristol Laboratories, Inc. 2,681,909, Cl. 260—256.4.
- Cheney, Leonard G., to United Shoe Machinery Corp. 2,681,023, Cl. 112—62.
- Cheng, George C. 2,687,306, Cl. 273—152.44.
- Chenicek, Joseph A.: *See—*
 Hoffman, Alfred E., Chenicek, and Whitmore. 2,683,694.
 Rosenwald, Robert H., and Chenicek.
 Thompson, Ralph B., and Chenicek. 2,682,473.
- Chenicek, Joseph A., Bensenville, assignor to Universal Oil Products Company, Chicago, Ill. Maintaining stability of vegetable oils undergoing heating. 2,666,708, Jan. 19.
- Chenicek, Joseph A., Bensenville, assignor to Universal Oil Products Company, Chicago, Ill. Stabilization of edible fats and oils. 2,668,768, Feb. 9.
- Chenicek, Joseph A., to Universal Oil Products Co. 2,686,719, Cl. 99—8.
- Chenicek, Joseph A., to Universal Oil Products Co. 2,686,723, Cl. 99—163.
- Chenicek, Joseph A., to Universal Oil Products Co. 2,686,724, Cl. 99—163.
- Chenicek, Joseph A., to Universal Oil Products Co. 2,687,962, Cl. 99—163.
- Chenicek, Joseph A., to Universal Oil Products Co. 2,690,396, Cl. 99—8.
- Chenicek, Joseph A., to Universal Oil Products Co. 2,690,397, Cl. 99—163.
- Chenicek, Joseph A., to Universal Oil Products Co. 2,697,114, Cl. 260—448.2.
- Chenicek, Joseph A., and R. B. Thompson, to Universal Oil Products Co. 2,692,202, Cl. 99—163.
- Chenicek, Joseph A., and R. B. Thompson, to Universal Oil Products Co. 2,695,222, Cl. 44—72.
- Chenoweth, Henry G., to Eastern Industries, Inc. 2,691,542, Cl. 288—2.
- Cherame, Andrew A., Cut Off, La. Amphibious tractor. 2,671,519, Mar. 9.
- Cherepow, Frederic H.: *See—*
 Mueller, William G., Cherepow, Bartes, and Klaus. 2,692,074.
- Cherewick, Frederick J. 2,687,920, Cl. 302—17.
- Cherico, Catherine, assignee: *See—*
 Santarsiero, Anthony V.
- Cherigie, Pierre, to La Cellophane. 2,694,300, Cl. 64—30.
- Cherkin, Arthur, and S. D. Thornton, Jr., to Don Baxter, Inc. 2,697,521, Cl. 210—164.
- Chermendy, Carl V., and W. H. Borchelt. 2,685,624, Cl. 200—30.
- Cherry-Burrell Corp.: *See—*
 Boileau, Arthur H., Rayman, and Board.
 Heil, Julius P., McCabe, and Meyer. 2,685,358.
 Kummer, Theodore H. 2,679,859.
 Lowinski, Walter J. 2,681,810.
 McCabe, John B. 2,681,723.
 McCabe, John B. 2,681,872.
- Cherry, Carl W., deceased; L. Cherry, administratrix, to Townsend Co. 2,691,915, Cl. 85—40.
- Cherry, Lena, administratrix: *See—*
 Cherry, Carl W. 2,691,915.
- Cherry, Ralph E., Detroit, Mich., assignor to Morse Chain Company, Ithaca, N. Y. One-way engaging device. 2,670,825, Mar. 2.
- Cherry, William H., Princeton, N. J., assignor to Radio Corporation of America. Optical projection and registration system. 2,669,900, Feb. 23.
- Cherry, William H., to Radio Corp. of America. 2,691,764, Cl. 332—49.
- Chervenak, Michael C.: *See—*
 Pichler, Helmut R., and Chervenak. 2,692,902.
- Chesal Industries: *See—*
 Faber, Saul. 2,683,321.
- Chesapeake and Ohio Railway Co., The: *See—*
 Browne, Kenneth A. 2,687,817.
- Chesapeake Shoe Mfg. Co., assignee: *See—*
 Gaynor, Emanuel A. 2,675,633.
- Chesick, Sanford C. Re. 23,841, Cl. 179—150.
- Chesick, Sanford C. 2,696,528, Cl. 179—150.
- Cheskin, David B. 2,697,930, Cl. 72—15.
- Chester, Allan E., to Poor & Co. 2,683,672, Cl. 117—53.
- Chester, Allan E., and J. T. Irwin, assignors to Poor & Company. 2,677,653, Cl. 204—52.
- Chester, Allan E., and J. T. Irwin, assignors to Poor & Company. 2,677,654, Cl. 204—52.
- Chester, Allan E., and J. T. Irwin; said Chester assor. to Poor & Co. 2,692,187, Cl. 41—42.
- Chester, Allan E., and J. T. Irwin; said Chester assor. to Poor & Co. 2,692,188, Cl. 41—42.
- Chester, Howard, Sr. 2,684,133, Cl. 188—244.
- Chester, Robert W., R. T. Harnett, D. E. Royer, and J. H. Smith, to General Motors Corp. 2,686,855, Cl. 200—105.
- Cheverton, Peter C., and A. A. Rivington, assignors to United Shoe Machinery Corporation. 2,674,833, Cl. 51—137.
- Chew, Albert C., to Hobson-Miller Machinery, Inc. 2,687,300, Cl. 271—11.
- Chezard, Jean, Lyons, assignor to Societe "Rhodiaceta," Paris, France. Delustered superpolyamide articles and making same. 2,671,770, Mar. 9.
- Chiappulini, Ruggero, assignor to Aktiengesellschaft Brown, Boveri & Cie. 2,675,652, Cl. 51—100.
- Chicago Bridge & Iron Co.: *See—*
 Arne, Christian.
 Arne, Christian. 2,678,060.
 Arne, Christian. 2,685,887.
 Arne, Christian. 2,690,273.
 Arnold, Perry C.
 Boardman, Harry C.
 Moyer, Frederick D.
 Moyer, Frederick D. 2,685,982.
 Moyer, Frederick D. 2,696,930.
 Moyer, Frederick D., and Scholbe.
 Mummert, John F. 2,683,550.
 Stiles, Lloyd C., and Davis.
 Talley, Hyrum M. 2,678,987.
- Chicago Cardboard Co.: *See—*
 Burr, Ned, and Drucek.
 Ross, Valentine A. 2,684,314.
- Chicago Carton Company, assignee: *See—*
 Sprenger, Wilbur V., and Roche. 2,676,748.
- Chicago Development Corp.: *See—*
 Dean, Reginald S. 2,678,292.
 Dean, Reginald S. 2,692,213.
- Chicago Forging and Mfg. Co.: *See—*
 Krause, Herbert. 2,697,625.
 Sigel, Carl A. 2,693,977.
- Chicago Hardware Foundry Co., The: *See—*
 Kupski, Joseph. 2,691,407.
 Oliver, Conrad J., and Kupski. 2,677,041.
- Chicago Lighthouse For The Blind, The, assignee: *See—*
 Severson, Alfred L. 2,675,949.
- Chicago Metal Hose Corp.: *See—*
 Andersen, Raymond C.
 Farrar, John F. P. 2,692,731.
 Ikert, George H. 2,683,468.
- Chicago Metal Mfg. Co., assignee: *See—*
 Hauf, George F.
- Chicago Nipple Mfg. Co.: *See—*
 Marsden, George B.
 Marsden, George B. 2,683,272.
- Chicago Pneumatic Tool Co.: *See—*
 Fischer, Howard R.
 Fischer, Howard R., and Roberts. 2,682,793.
 Lear, Earl B. 2,686,040.
 Lear, Earl B. 2,688,268.
 Maurer, Spencer B., and Ebert. 2,677,355.
 Roberts, James A., Fischer, and D'Haem. 2,685,865.
 Welton, Russell L.

- Chicago Pump Co.: *See*—
Klein, Joseph J. 2,686,138.
Lamb, Miles A., and Klein. 2,686,139.
Tapleshay, John A., and Nordell. 2,694,042.
- Chicago Roller Skate Co.: *See*—
Beckman, Edward M.
Ware, Robert R., Jr. 2,689,769.
Ware, Walter. 2,689,743.
- Chicago Telephone Supply Corp.: *See*—
Daily, Arthur M., Arisman, and Pierce.
Daily, Arthur M., and Arisman, and Pierce. 2,695,933.
Daily, Arthur M., Veatch, and Hileman. 2,698,369.
Vaksvik, Adrian J., and Arisman.
- Chicago Show Printing Co.: *See*—
Leander, Russell J. 2,688,303.
- Chichester, Kenneth J.: *See*—
Brink, Robert M., and Chichester. 2,685,960.
- Chick, Arthur J., and L. J. Speck, assignors to Bell Telephone Laboratories, Incorporated. 2,678,486, Cl. 29—25.14.
- Chicksan Co.: *See*—
Bily, Peter J. 2,697,006.
- Chicopee Mfg. Corp.: *See*—
Griswold, Hector W. 2,683,901.
Harmon, Carlyle. 2,676,115.
Jamison, Samuel J., and Yates. 2,691,391.
Johnson, Cecil E. 2,676,324.
Lenk, Frederick R., Jr.
Ness, Irving S., and Lints. 2,697,678.
Plummer, Charles H., Truslow, and Frydryk. 2,676,363.
Plummer, Charles H., and Vose. 2,676,364.
Rider, Don K.
Simon, Simon A., and Drellich.
Stapleton, James A.
- Chiddix, Max E.: *See*—
Cross, James M., and Chiddix. 2,694,727.
Sundberg, Robert L., and Chiddex. 2,678,935.
- Chiddix, Max E., and M. R. Williams, to General Aniline & Film Corp. 2,684,386, Cl. 260—613.
- Chidsey, Francis A., Jr., to Container Corp. of America. 2,687,247, Cl. 229—41.
- Chien, Luther C., Pitman, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Castor oil soluble coloring composition for coating copying paper. 2,668,172, Feb. 2.
- Chievitz, William J., assignor to The Timken Roller Bearing Company. 2,678,856, Cl. 308—236.
- Chievitz, William J., to The Timken Roller Bearing Co. 2,698,090, Cl. 210—1.5.
- Chiksan Co.: *See*—
Bily, Peter J. 2,698,192.
- Childers, Harry S., and L. C. Tober, assignors to Vendorlator Manufacturing Company. 2,680,049, Cl. 312—35.
- Childers, Roscoe O., Oklahoma City, Okla., assignor to Baker Oil Tools, Inc., Vernon, Calif. Method and apparatus for completing multiple production zone well bores. 2,665,759, Jan. 12.
- Childers, Spencer L., assignor to Vendorlator Manufacturing Company. 2,675,901, Cl. 194—1.
- Childers, Spencer L., Fresno, and W. B. Warren, Madera, assignors to Vendorlator Manufacturing Company, Fresno, Calif. Coin changing mechanism. 2,667,880, Feb. 2.
- Childers, Spencer L., and W. B. Warren, to Vendorlator Mfg. Co. 2,693,300, Cl. 221—113.
- Children's Hospital of Philadelphia: *See*—
Gibbon, Samuel Y. 2,695,605.
Gibbon, Samuel Y. 2,695,608.
- Childress, James A. 2,678,850, Cl. 302—15.
- Childress, William C., assignor to Signode Steel Strapping Company. 2,675,187, Cl. 242—55.
- Childress, William C., to Signode Steel Strapping Co. 2,680,979, Cl. 81—9.1.
- Childs, Gary D., to Schlage Lock Co. 2,691,288, Cl. 70—38.
- Childs, Robert S., South Sudbury, assignor, by mesne assignments, to E. G. Martin, Cambridge, Mass. Measuring device. 2,671,892, Mar. 9.
- Childs, Robert S., to E. G. Martin. 2,685,070, Cl. 336—123.
- Chilean Nitrate Sales Corp.: *See*—
Loonam, Alfred C. 2,694,652.
Loonam, Alfred C. 2,694,653.
Loonam, Alfred C. 2,694,654.
- Chiles, Frank F., Fort Thomas, Ky. Window sash lifter. 2,670,923, Mar. 2.
- Chillson, Charles W., and J. M. Mergen, to Curtiss-Wright Corp. 2,696,888, Cl. 170—160.18.
- Chilman, John A., to Rotol Ltd. 2,696,269, Cl. 170—135.29.
- Chilowsky, Constantin. 2,682,744, Cl. 58—108.
- Chilton, Roland. 2,683,494, Cl. 170—159.
- Chin, Pao H., and H. C. Tsien. 2,682,580, Cl. 179—149.
- Chinn, George I. 2,696,761, Cl. 89—41.
- Chipman, Harold R.: *See*—
Gillies, Archibald, and Chipman. 2,674,622.
- Chipman, Harold R., Elmira, Ontario, Canada, assignor to United States Rubber Company, New York, N. Y. Preparing hydrogen chloride and composition for preparing it. 2,673,788, Mar. 30.
- Chipman, Harold R., to United States Rubber Co. 2,690,439, Cl. 260—239.75.
- Chipman, Harold R., and T. H. Evans, to United States Rubber Co. 2,688,015, Cl. 260—239.75.
- Chippewa Paper Products Co., Inc.: *See*—
Druth, Joseph S. 2,686,962.
Timer, Jules E. 2,689,079.
- Chireix, Henri, Paris, France, assignor to Societe Francaise Radio-Electrique. Multichannel radioelectric communication system. 2,670,404, Feb. 23.
- Chireix, Henri, assignor to Societe Francaise Radio-Electrique. 2,677,806, Cl. 332—19.
- Chirnside, Ralph C.: *See*—
Dovey, Douglas M., Chirnside, and Rooksby. 2,689,167.
- Chiroky, Pierre. 2,691,495, Cl. 244—14.
- Chirtel, Joseph S., and A. M. Mark, to Transparent Package Co. 2,691,643, Cl. 260—78.
- Chisholm, Allen E., Portland, Oreg. Shock absorbing cable hanger. 2,666,605, Jan. 19.
- Chisholm, Allen E. 2,697,915, Cl. 62—1.
- Chisholm, Douglas S., assignor to The Dow Chemical Company. 2,676,359, Cl. 18—47.3.
- Chisholm, Gilbert G., Lucan, Ontario, assignor to Ferros Metals Research Company Limited, Toronto, Ontario, Canada. Vortex concentrator. 2,665,809, Jan. 12.
- Chisholm, Harry L., Jr.: *See*—
De Lancey, Warren H., Pond, and Chisholm.
- Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Telescopic shock absorber piston construction. 2,668,604, Feb. 9.
- Chisholm-Ryder Co., Inc., assignee: *See*—
Mitchell, Burritt B.
- Chiti, Aroldo. 2,681,553, Cl. 66—77.
- Chittum, Joseph F., assignor to California Research Corporation. 2,678,911, Cl. 204—185.
- Chloride Electrical Storage Company Limited, The, assignee: *See*—
Thornley, Harry S. 2,674,310.
- Chmiel, Frank J.: *See*—
Green, Paul R., and Chmiel. 2,686,046.
- Chmielewski, Anton, Iron River, Mich. Salt attachment for pickup balers. 2,668,492, Feb. 9.
- Chobert, Jacques F. G., St. Etienne, France. Door lock. 2,664,736, Jan. 5.
- Choldun Mfg. Corp.: *See*—
Dunn, Henry M., and Oles. 2,689,577.
- Chollet, Philip E., Indianapolis, Ind. Power unit for tire inspection stands. 2,664,709, Jan. 5.
- Chombard, Pierre A., to Etat Francais. 2,696,597, Cl. 340—27.
- Chorlton, Herbert. 2,679,690, Cl. 33—162.
- Choucroun, Nine, assignor to Centre National de la Recherche Scientifique. 2,680,702, Cl. 167—84.5.
- Chow, Ho, New York, N. Y. Tape dispenser. 2,666,544, Jan. 19.
- Chow, Ho, New York, N. Y. Fastener device. 2,666,971, Jan. 26.
- Chow, Joe G.: *See*—
Schempp, Reinhold, Payson, and Chow. 2,686,116.
- Chrimacker, René. 2,684,857, Cl. 279—121.
- Chriscaden, Alex W.: *See*—
Kendall, George A., and Chriscaden.
- Chrisman, Charles M. 2,685,690, Cl. 2—1.
- Chrisman, Elmer P. 2,687,846, Cl. 232—35.
- Chrisman, John L., and G. F. Nicholson, to Byron Jackson Co. 2,695,189, Cl. 294—90.
- Christen, André, Limeil-Brevannes, France. Machine for cutting screw threads. 2,668,303, Feb. 9.
- Christensen, Albert J., Long Beach, Calif. Fuel mixer. 2,669,508, Feb. 16.
- Christensen, Boyd C.: *See*—
Woodward, Leslie R., and Christensen.
- Christensen, Carl F.: *See*—
Jackson, Theodore F. 2,688,893.
- Christensen, Carl O., Walnut Creek, assignor to Roll-Rite Corporation, Oakland, Calif. Wheel. 2,671,488, Mar. 9.
- Christensen, Chester W., to Monsanto Chemical Co. 2,691,016, Cl. 260—247.
- Christensen, Einar, to International Standard Electric Corp. 2,686,842, Cl. 179—27.
- Christensen, Emil C. 2,677,832, Cl. 5—93.
- Christensen, Harold A. 2,694,208, Cl. 5—122.
- Christensen, Henry M. 2,698,274, Cl. 195—36.
- Christensen, Howard, assignor to Bell Telephone Laboratories, Incorporated. 2,674,583, Cl. 252—490.
- Christensen, Howard, and G. K. Teal, to Bell Telephone Laboratories, Inc. 2,692,839, Cl. 148—1.5.
- Christensen, Kaj S., Norwalk, Conn. Method and apparatus for producing pinking shears. 2,669,133, Feb. 16.
- Christensen, Leo M., Lincoln, Nebr., assignor of fifteen per cent to R. J. Norton, Washington, D. C. Processing safflower seed. 2,667,499, Jan. 26.
- Christensen Machine Co., The: *See*—
Belluche, Elmer W., and Bohn. 2,693,595.
Watson, George F. 2,697,281.
- Christensen, Oscar E. 2,674,148, Cl. 84—382.
- Christensen, Owen A.: *See*—
Rowland, Clare B., and Christensen. 2,687,678.
- Christensen, Paul M.: *See*—
Cole, Thomas M., and Christensen. 2,681,396.
- Christensen, Paul M., West Orange, assignor to Federal Electric Products Company, Essex County, N. J. Automatic circuit breaker. 2,668,213, Feb. 2.

- Christensen, Paul M., to Federal Electric Products Co. 2,681,966, Cl. 200—168.
- Christensen, Paul M., to Federal Electric Products Co. 2,689,278, Cl. 200—73.
- Christensen, Paul M., to Federal Electric Products Co. 2,689,291, Cl. 200—151.
- Christensen, Paul M., to Federal Electric Products Co. 2,696,510, Cl. 200—116.
- Christensen, Sidney O., to American Car and Foundry Co. 2,682,076, Cl. 16—99.
- Christenson, Ben M. 2,697,233, Cl. 5—131.
- Christenson, Helmer G. 2,687,705, Cl. 116—135.
- Christenson, John C., to United States Motors Corp. 2,688,704, Cl. 290—4.
- Christenson, Roger M., assignor to Pittsburgh Plate Glass Company. 2,679,503, Cl. 260—397.25.
- Christian, Dean R., to Clevite Corp. 2,694,145, Cl. 250—27.
- Christian, Raymond A., to The National Cash Register Co. 2,686,013, Cl. 242—55.
- Christian, Raymond A., J. R. Ganger, J. H. Crawford, and H. C. Johnson, assignors to The National Cash Register Company, Dayton, Ohio. Tabulating mechanism for accounting machines. 2,666,517, Jan. 19.
- Christian, Raymond A., and P. H. Williams, to The National Cash Register Co. 2,687,252, Cl. 235—60.47.
- Christian, Rodney E., to Kerr Mfg. Co. 2,695,452, Cl. 32—48.
- Christian, William N. 2,692,007, Cl. 155—1.
- Christiance, Harry C. 2,679,132, Cl. 56—119.
- Christiansen, Christian, and G. O. K. Rüsck. 2,696,837, Cl. 139—13.
- Christiansen, Erwood B. 2,680,395, Cl. 81—17.
- Christiansen, George H., Newark, N. J. Producing clam chowder. 2,672,421, Mar. 16.
- Christiansen, William F. 2,694,847, Cl. 25—128.
- Christianson, Conrad J., to The Sherwin-Williams Co. 2,681,326, Cl. 260—39.
- Christianson, Martin E., I. E. Lofving, and W. J. Fanelli. 2,686,973, Cl. 33—98.
- Christie, Bernard A. 2,692,010, Cl. 155—119.
- Christie, Cleve F., assignor of ten per cent to D. A. Harrison, Knoxville, Tenn. Antifouling anchor. 2,669,962, Feb. 23.
- Christie, Cleve F., assignor of ten per cent to D. A. Harrison, Knoxville, Tenn. Antifouling anchor. 2,669,963, Feb. 23.
- Christie, Douglas P. 2,677,914, Cl. 46—17.
- Christie, Robert C., Palm Beach, Fla. Fuel tank for helicopters. 2,670,049, Feb. 23.
- Christman, John M., Grosse Pointe Woods, Mich. Method and means for burring or chamfering gears. 2,668,480, Feb. 9.
- Christman, Paul, Belmont, assignor to Bemiss-Jason Company, San Francisco, Calif. Wallboard tape. 2,667,822, Feb. 2.
- Christopher, George L. M., and F. Tarantino, assignors to American Cyanamid Company. 2,675,320, Cl. 106—32.
- Christopher, George L. M., and F. Tarantino, assignors to American Cyanamid Company. 2,675,321, Cl. 106—32.
- Christopher, John W. 2,688,689, Cl. 240—10.
- Christophersen, Clarence E., assignor to Marman Products Company, Inc., Los Angeles, Calif. Axially tightening band clamp. 2,665,094, Jan. 5.
- Christophersen, Clarence E., assignor to Marman Products Company, Inc. 2,679,993, Cl. 248—27.
- Christophersen, Clarence E. 2,683,051, Cl. 292—256.69.
- Christopherson, Kenneth E., assignor to George Gorton Machine Co., Racine, Wis. Pantograph mechanism. 2,672,110, Mar. 16.
- Christy, Guy S. 2,682,665, Cl. 2—153.
- Christy, William O., to E. I. du Pont de Nemours and Co. 2,696,147, Cl. 92—44.
- Chromatic Television Laboratories, Inc., assignee: See—
- Lawrence, Ernest O. 2,692,532.
- Lawrence, Ernest O. 2,695,372.
- Okolicsanyi, Ferenc. 2,682,571.
- Zaphiropoulos, Renn. 2,683,833.
- Chromy, Benjamin J., Washington, D. C. Rapidly heating electric soldering tool. 2,671,845, Mar. 9.
- Chronic, Clarence C., and C. A. Shaffer, to Lever Motors Corp. 2,696,808, Cl. 123—32.
- Chrysler Corp.: See—
- Ackerman, Paul C.
- Ball, Donald T.
- Ball, Thomas M.
- Ball, Thomas M. 2,692,651.
- Bertelsen, Arthur E. 2,692,793.
- Brugler, Richard L. 2,697,921.
- Butterfield, John P.
- Butterfield, John P. 2,684,131.
- Butterfield, John P. 2,687,192.
- Butterfield, John P., and Gilfillan.
- Carpentier, Melbourne L., and Drinkard. 2,686,506.
- Caton, Joseph D. 2,680,475.
- Cuskie, Herman C.
- Dickason, John W. 2,698,118.
- Drinkard, William E.
- Drinkard, William E. 2,686,509.
- Duff, Robert H., and Terry.
- Edwards, Arthur H. 2,687,015.
- Flemming, Albert E.
- Forman, Louis B. 2,690,824.
- Chrysler Corp.: See—Continued.
- Gilfillan, Henry W., and Patrick. 2,695,695.
- Greenlee, Harry R. 2,687,198.
- Halberg, Robert W. 2,680,505.
- Hanacher, Murrell L. 2,684,277.
- Higbie, Alan L.
- Huebner, George J., Jr., and Borden. 2,683,583.
- Hunter, William A., and Cousino. 2,684,692.
- Iavelli, Teno. 2,695,696.
- Janeway, Robert N.
- Janeway, Robert N. 2,690,818.
- Janeway, Robert N., and Van Der Sluys.
- Jominy, Walter E., and Olson.
- Keller, Kaufman T. 2,675,065.
- Kent, Philip J.
- Knocke, Louis T. 2,687,228.
- Lamb, Ernest P.
- Lamb, Ernest P. 2,684,204.
- Lewton, Ross E., and Ball.
- McNitt, Lewis F. 2,687,860.
- Nims, Paul T., and Chadkewicz.
- Platner, John B. 2,686,510.
- Platner, John B. 2,686,511.
- Raes, Oscar M. 2,690,820.
- Reuter, Conrad. 2,678,210.
- Robinson, Maurice C. 2,675,102.
- Sheppard, William L. 2,697,363.
- Smith, Robert H., and Van Haltern.
- Smith, Robert H., and Van Haltern. 2,687,278.
- Stemler, Ignatius J. 2,690,684.
- Straky, John N. 2,678,025.
- Sturtevant, Mark J., Weertman, and Brown.
- Summers, Robert F. 2,680,427.
- Terry, Rex A., and Kuehn.
- Terry, Sydney L.
- White, Andrew R., and Summers. 2,680,387.
- Wyeth, Nathaniel.
- Zierer, Wallace E. 2,680,592.
- Chrystie, Henry, Lexington, assignor to Hermon Hosmer Scott, Inc., Cambridge, Mass. Electric and electronic instrument and assembly. 2,671,134, Mar. 2.
- Chu, Chi C., to Westinghouse Air Brake Co. 2,691,093, Cl. 246—219.
- Chubb, Loyde N.: See—
- Olofsson, Gustav A., and Chubb. 2,679,999.
- Chubb, Melvin F., to United States of America as represented by the Secretary of the Army. Re. 23,883, Cl. 136—100.
- Chubb, Melvin F., to The Eagle-Picher Co. 2,684,395, Cl. 136—90.
- Chubb, Melvin F., to The Eagle-Picher Co. 2,684,481, Cl. 136—112.
- Chuck, Thomas S., San Francisco, Calif. Convertible bonnet. 2,673,350, Mar. 30.
- Chun, Gayne. 2,696,664, Cl. 30—14.
- Chunk-E-Nut Products Co. of Philadelphia, Inc.: See—
- Druett, William. 2,693,833.
- Church, Albert E., to Union Mfg. Co. 2,684,251, Cl. 279—116.
- Church, Albert, and H. Greenlaw, to Edlo, Inc. 2,696,401, Cl. 294—87.2.
- Church, Dagfrid H.: See—
- Kaiser, Donald W., and Church. 2,697,727.
- Church, Donald R.: See—
- Hart, David K., and Church. 2,688,248.
- Church, J. Frank, to Phillips Petroleum Co. 2,692,702, Cl. 222—1.
- Church, Herbert E., Delmar, N. Y. Curtain rod device. 2,673,704, Mar. 30.
- Church, James M.: See—
- Johnson, Ernest W., and Church.
- Church, Joseph H., Austin, Minn., and G. J. Kessenich, Madison, Wis. Apparatus for the use of shaped explosive charges. 2,667,836, Feb. 2.
- Church, Joseph H., and G. J. Kessenich. 2,682,834, Cl. 102—20.
- Church, Maynard D., assignor to Worthington Corporation. 2,674,854, Cl. 60—102.
- Church, Richard D., 33 $\frac{1}{2}$ % to M. T. Broyles and 16 $\frac{2}{3}$ % to J. R. Lackey, Jr. 2,692,991, Cl. 4—187.
- Church, Walter L., Houston, Tex. Reversing tool. 2,670,181, Feb. 23.
- Church, Walter L. 2,691,383, Cl. 137—155.
- Churchill, Charles H. 2,684,252, Cl. 280—11.37.
- Churchill, George R. 2,687,602, Cl. 51—193.
- Churchill, Harold E., to The Studebaker Corp. 2,680,954, Cl. 60—54.
- Churchill, John W., Kenmore, N. Y., assignor to Mathieson Chemical Corporation. Purifying perchloromethylmercaptan. 2,666,081, Jan. 12.
- Churchill, John W., and B. B. Schaeffer, assignors to Mathieson Chemical Corporation. 2,680,092, Cl. 204—158.
- Churchill, Ralph H. 2,680,963, Cl. 67—27.
- Churchill, Wilmer H., assignor to United-Carr Fastener Corporation. 2,678,798, Cl. 248—361.
- Churchill, Wilmer H., to United-Carr Fastener Corp. 2,683,258, Cl. 339—94.
- Churchman, Nellie: See—
- Churchman, Russell C.
- Churchman, Russell C. 2,680,591.
- Churchman, Russell C. 2,687,841.

- Churchman, Russell C., deceased, Des Moines, by N. Churchman, executrix, Polk County, Iowa. Electrical actuation means for valves or the like. 2,666,167, Jan. 12.
- Churchman, Russell C., deceased; N. Churchman, executrix. 2,680,591, Cl. 251-53.
- Churchman, Russell C., deceased (N. Churchman, executrix). 2,687,841, Cl. 230-24.
- Chute, Walter J.: See—
- Wright, George F., and Chute. 2,678,927.
- Chyba, Joseph A., assignor to Hydro-Form Corporation. 2,678,663, Cl. 137-791.
- Chyba, Joseph A., to Hydro-Form Corp. 2,696,183, Cl. 113-44.
- Chynoweth, John L., to E. I. du Pont de Nemours and Co. 2,689,982, Cl. 18-51.
- Chytil, Frank S.: See—
- Gross, Frank C., and Chytil.
- Ciacio, Peter L., to Flexible Sewer Rod Equipment Co. 2,689,705, Cl. 248-346.
- Ciao, Joseph A. 2,696,683, Cl. 36-76.
- Ciambriello, Sam: See—
- Artese, Dominick, and Ciambriello. 2,694,880.
- Ciana, Jean, assignor to Lapanouse S. A., Bubendorf, near Basel, Switzerland. Center seconds chronograph. 2,671,308, Mar. 9.
- Ciba Ltd.: See—
- Anderau, Walter. 2,676,956.
- Anderau, Walter, and Seitz. 2,693,467.
- Barman, Pierre.
- Brassel, Jacob. 2,683,707.
- Gams, Alphonse, Krause, Preiswerk, Widmer, and Wieland. 2,682,490.
- Geiger, Max, Usteri, and Graenacher. 2,693,494.
- Goerg, Alfred, and Grob. 2,692,276.
- Grélat, Maurice, and Kern. 2,691,027.
- Grossmann, Paul, and Kern. 2,691,027.
- Guertler, Peter, and Ruperti. 2,690,398.
- Gunst, Raymond
- Gunst, Raymond. 2,686,175-2,686,179.
- Gunst, Raymond. 2,696,486.
- Hanhart, Walter.
- Hanhart, Walter. 2,676,958.
- Hanhart, Walter. 2,689,243.
- Hanhart, Walter. 2,693,464.
- Jenny, Walter, and Kern. 2,685,591.
- Koch, Jacob, and Kern. 2,695,296.
- Liechti, Hans W.
- Moergeli, Eduard, Sutter, and Kern. 2,693,473.
- Porret, Daniel. 2,679,530.
- Porret, Daniel. 2,683,734.
- Riat, Henri. 2,696,485.
- Rossi, Carlo. 2,689,792.
- Ruegg, Rudolf, and Zollinger. 2,676,959.
- Schibler, Luzius, and Laely. 2,680,101.
- Wegmann, Jacques, and Menzi. 2,685,495.
- Wettstein, Walter. 2,686,010.
- Wettstein, Walter. 2,686,184.
- Widmer, Willy, and Zickendraht. 2,674,515.
- Widmer, Willy, Zickendraht, and Buehler.
- Wizinger, Robert.
- Zickendraht, Christian, and Buehler.
- Zollinger, Heinrich, and Ruegg.
- Ciba Pharmaceutical Products, Inc.: See—
- Bedford, John G. 2,679,469.
- Hoffmann, Karl, and Tagmann.
- Huebner, Charles F.
- Huebner, Charles F. 2,697,728.
- Huebner, Charles F., and Scholz. 2,686,806.
- Huebner, Charles F., and Scholz. 2,688,039.
- Lanzilotti, Anthony E., Shabica, and Ziegler.
- Miescher, Karl, and Billeter. 2,689,856.
- Miescher, Karl, and Marxer.
- Miescher, Karl, and Meystre. 2,679,502.
- Miescher, Karl, and Schmidlin.
- Miescher, Karl, and Urech. 2,691,658.
- Miescher, Karl, and Wieland.
- Miescher, Karl, and Wieland. 2,674,605.
- Miescher, Karl, Heer, Schmidlin, and Wieland.
- Neher, Robert.
- Neher, Robert. 2,678,928.
- Sury, Ernst, and Hoffmann.
- Cicero, Frank, Los Angeles, Calif. Playing card dealing device. 2,666,646, Jan. 19.
- Cicero, Frank. 2,697,536, Cl. 220-30.
- Cicogna, Ernest G. 2,698,119, Cl. 224-42.43.
- Cielesz, Walter J. 2,678,653, Cl. 132-37.
- Cier, Harry E., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Treatment of sulfonyl chlorides. 2,665,305, Jan. 5.
- Cier, Harry E., and H. G. Schutze, to Standard Oil Development Co. 2,683,076, Cl. 23-154.
- Cieslicki, Marion E., and B. J. Nelson, to the United States of America as represented by the United States Atomic Energy Commission. 2,692,823, Cl. 75-134.
- Cigan, Andrew, and W. Duty. 2,678,830, Cl. 280-124.
- Cigarette Components Ltd.: See—
- Bunzl, Hugo. 2,685,344.
- Cigliano, Louis A., assignor to General Motors Corporation. 2,679,931, Cl. 207-6.
- Cilag, Ltd.: See—
- Suter, Hans. 2,674,590.
- Suter, Hans, and Habicht. 2,698,326.
- Utzinger, Gustav E. 2,688,581.
- Cinch Mfg. Corp.: See—
- Del Camp, Scipione M. 2,694,799.
- Del Camp, Scipione M. 2,697,210.
- Peters, Arthur C.
- Cincinnati Butchers' Supply Co., The: See—
- Schmidt, Carl O., Jr.
- Ward, Michael F. 2,694,426.
- Zaenkert, Frederick A. 2,674,762.
- Cincinnati Chemical Works Incorporated, assignee: See—
- Monnier, Robert P.
- Cincinnati Milling Machine Co., The: See—
- Evans, Wendell I. 2,686,650.
- Haas, Frederick S., and Tribble.
- Hassman, Fred A. 2,690,097.
- Hawley, Amos H., Sr. 2,682,941.
- Horlacher, Herman.
- Horlacher, Herman. 2,696,145.
- Logeman, Frederick C. 2,681,533.
- Martellotti, Mario. 2,674,160.
- Martellotti, Mario, and Mehlhope. 2,675,743.
- Plimmer, Alfred G.
- Roehm, Erwin G.
- Roehm, Erwin G. 2,682,202.
- Roehm, Erwin G. 2,696,066.
- Cincinnati Mine Machinery Co., The: See—
- Bruestle, Armin O. 2,686,663.
- Cinderey, Norman S.: See—
- Starr, Arthur T., White, Cinderey, Matthews, and Cooke. 2,680,220.
- Cine-Devices, Inc., assignee: See—
- Williams, Richard M. 2,674,009.
- Cines, Martin R., Knoxville, Tenn., assignor to Phillips Petroleum Company. Separation of aldehydes from aliphatic hydrocarbons by azeotropic distillation with perfluorocompounds. 2,667,450, Jan. 26.
- Cines, Martin R., to Phillips Petroleum Co. 2,682,448, Cl. 23-209.1.
- Cines, Martin R., to Phillips Petroleum Co. 2,691,052, Cl. 260-648.
- Cines, Martin R., to Phillips Petroleum Co. 2,692,227, Cl. 202-42.
- Cines, Martin R., to Phillips Petroleum Co. 2,695,321, Cl. 260-653.
- Cines, Martin R., and J. T. Roach, assignors to Phillips Petroleum Company. 2,676,873, Cl. 23-209.9.
- Cines, Martin R., and R. J. Hogan, to Phillips Petroleum Co. 2,696,497, Cl. 260-500.
- Circle X Antenna Corporation, assignee: See—
- Hickson, William F., and McGough.
- Ciscel, Benjamin H., assignor to Minneapolis-Honeywell Regulator Company. 2,676,290, Cl. 318-29.
- Cisco, Edward S., assignor to Standard Railway Equipment Manufacturing Company. 2,679,418, Cl. 292-256.5.
- Cislak, Francis E.: See—
- Sutherland, Leslie H., and Cislak.
- Cisne, Luther E., assignor to Bell Telephone Laboratories, Incorporated. 2,679,570, Cl. 219-1.
- Cissell, W. M., Mfg. Co., Inc.: See—
- Kirchner, Herman C.
- Richterkesing, Frank H. 2,679,956.
- Richterkesing, Frank H. 2,687,578.
- Richterkesing, Frank H. 2,696,014.
- Cities Service Oil Company, assignee: See—
- Hatfield, James R.
- Willke, Louis G., Malm, and Malakoff.
- Cities Service Research and Development Co.: See—
- Anderson, Thomas, and Levitt.
- Kleene, Richard D., and Hughes. 2,698,341.
- Milsom, Daniel.
- City National Bank & Trust Company, executor: See—
- Peterson, Christen J.
- City Tank Corp.: See—
- Calamore, John P. 2,692,062.
- Cival, Hendrik A.: See—
- Keulen, Gerben J., Koel, and Cival. 2,675,233.
- Cizek, Albert W., Jr.: See—
- Ramos, Thomas, Cizek, and Weiss.
- Clack, Frances J.: See—
- Walters, Richard H. 2,692,440.
- Claessens, Louis. 2,697,530, Cl. 214-516.
- Claesson, Per H. E.: See—
- Johansson, Karl L., and Claesson.
- Claff, Chester E., and C. A. Moeller, to M. B. Claff & Sons, Inc. 2,682,909, Cl. 154-17.
- Claff, M. B., & Sons, Inc.: See—
- Claff, Chester E., and Moeller. 2,682,909.
- Claffin, Harlan W., assignor of one-half to T. R. Claffin, Bakersfield, Calif. Camper's storage cabinet. 2,667,398, Jan. 26.
- Claffin, T. R., assignee: See—
- Claffin, Harlan W.
- Clagett, Thomas E. 2,689,424, Cl. 41-22.
- Clair Manufacturing Company, Inc., assignee: See—
- Burt, William C. 2,677,219.
- Clair, Roger P.: See—
- Bouvier, Gabriel S., and Clair. 2,691,003.
- Clancy, Robert F., to Faximile, Inc. 2,692,228, Cl. 204-2.
- Clanton, Albert R., to North Hollywood Concrete Tile Co. 2,682,093, Cl. 25-103.

- Clanton, George V.: *See*—
Consolo, Michael D., and Clanton. 2,694,538.
- Clapp, Daniel E., Somerton, assignor to Procter Electric Company, Philadelphia, Pa. Thermal wattage controller. 2,673,444, Mar. 30.
- Clapp, Henry H., and R. J. Denney, to The Gillon Co., Inc. 2,698,272, Cl. 154—110.
- Clapp, Herman G.: *See*—
Marlette, Goley R., and Clapp. 2,693,094.
- Clapp, James K., Cambridge, Mass., C. P. Spaulding, Pasadena, Calif., and B. E. Watt, Houston, Tex.; said Watt and said Spaulding assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Single side band mixer for moving target indicating radar systems. 2,666,141, Jan. 12.
- Clapp, Roger E., to the United States of America as represented by the Secretary of Navy. 2,691,766, Cl. 333—21.
- Clapper, Clyde E. 2,696,649, Cl. 24—243.
- Clapson, William J., and E. W. Anthauer, assignors to The Eagle-Picher Company. 2,677,621, Cl. 106—297.
- Claras, Carl W., to Revere Camera Co. 2,682,578, Cl. 179—100.2.
- Claras, Carl W., and T. Wickstrom, assignors to Revere Camera Company. 2,680,232, Cl. 333—28.
- Clardy, Le Roy, to Swift & Co. 2,682,653, Cl. 340—238.
- Claridge, Elmond L., and N. J. Foecking, to Shell Development Co. 2,682,395, Cl. 261—114.
- Claridge, John T.: *See*—
Box, William E., Claridge, and Turnock. 2,690,263.
Box, William E., Claridge, and Turnock. 2,693,279.
- Claridge, Robert A.: *See*—
Davis, Harold C., and Claridge. 2,693,304.
- Clarín, John H., Oak Park, assignor to Clarín Mfg. Co., Chicago, Ill. Chair and tablet arm assembly. 2,664,943, Jan. 5.
- Clarín, John H., assignor to Clarín Mfg. Co. 2,675,062, Cl. 155—125.
- Clarín Mfg. Co., assignee: *See*—
Clarín, John H. 2,675,062.
- Clark, Adna R., assignor to International Harvester Company. 2,677,251, Cl. 62—117.1.
- Clark, Adna R., and C. E. Sulcek, to International Harvester Co. 2,682,756, Cl. 62—117.3.
- Clark, Alfred, to Phillips Petroleum Co. 2,689,252, Cl. 260—449.6.
- Clark, Alfred S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating upon insoles. 2,670,480, Mar. 2.
- Clark, Alfred S., to United Shoe Machinery Corp. 2,688,759, Cl. 12—146.
- Clark, Alfred S., to United Shoe Machinery Corp. 2,690,574, Cl. 12—17.
- Clark, Alfred S., to United Shoe Machinery Corp. 2,693,607, Cl. 12—20.2.
- Clark, Benjamin F., assignor to E. I. du Pont de Nemours and Company. 2,676,938, Cl. 260—29.6.
- Clark, Bryce L.: *See*—
Taylor, Nelson W., and Clark.
- Clark, Carleton L., and C. Vicario, to The Rotareald Corp. 2,685,937, Cl. 183—2.5.
- Clark, Charles C., assignor to Mathieson Chemical Corporation. 2,680,673, Cl. 23—190.
- Clark, Charles M. 2,689,994, Cl. 24—159.
- Clark, Charles W., and B. H. Morrison, assignors to Noranda Mines Limited. Re. 23,825, Cl. 18—1.
- Clark, Chester G., to The Udylite Corp. 2,696,122, Cl. 74—110.
- Clark, Claude L., to The Timken Roller Bearing Co. 2,683,086, Cl. 75—126.
- Clark, Claude L., to The Timken Roller Bearing Co. 2,686,115, Cl. 75—126.
- Clark Controller Company, The: *See*—
Few, William, and Pearson. 2,692,318.
- Clark, David L., to General Electric Co. 2,683,363, Cl. 68—12.
- Clark, David M.: *See*—
Poole, Forrest R., and Clark. 2,678,040.
- Clark, Dayton P., Jr., Somerville, N. J., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Cutting oils. 2,670,330, Feb. 23.
- Clark, Earl H. 2,697,252, Cl. 18—18.
- Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Washing apparatus. 2,668,091, Feb. 2.
- Clark, Earl K., assignor to Westinghouse Electric Corporation. 2,679,203, Cl. 99—327.
- Clark, Earl K., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,680,407, Cl. 102—70.2.
- Clark, Earl K., and T. C. Appleman, to the United States of America as represented by the Secretary of the Navy. 2,692,957, Cl. 310—156.
- Clark, Earnest H., Jr.: *See*—
Conrad, Martin B., and Clark. 2,675,876.
- Clark, Earnest H., Jr., Long Beach, assignor to Baker Oil Tools, Inc., Vernon, Calif. Lock device for well tools. 2,671,513, Mar. 9.
- Clark, Edward, Chicago, Ill. Storage battery plate separator. 2,669,599, Feb. 16.
- Clark, Edward B., Milford, Conn., assignor to General Electric Company. Support bracket. 2,670,915, Mar. 2.
- Clark, Edward H.: *See*—
Miner, Samuel S., and Clark. 2,698,273.
- Clark Equipment Co.: *See*—
Backofen, E. Ryan, and Zorn. 2,678,743.
- Bixby, Leo A.
- Burrus, Robert E., Elliott, and Turner. 2,697,491.
- Cook, Charles A., and Eaton. 2,690,086.
- Dunham, Elmer J.
- Elliott, Morris R., and Turner.
- Elliott, Morris R., and Turner. 2,693,290.
- Lapsley, Robert. 2,677,970.
- Lapsley, Robert. 2,690,244.
- Lapsley, Robert. 2,690,714.
- Marco, George P. 2,690,533.
- Marietta, Carl B. 2,690,271.
- Sheriff, Fred. 2,683,546.
- Thurrow, Robert E. 2,675,935.
- Turner, George L.
- Turner, George L. 2,690,700.
- Wight, Delano, Jr. 2,678,141.
- Zorn, Wesley. 2,678,742.
- Clark, Ernest, assignor to Abington Textile Machinery Works, Abington, Mass. Apparatus for selectively accumulating nolls, short fibers, or other material, from a plurality of stations. 2,672,369, Mar. 16.
- Clark, Ernest A.: *See*—
Polk, Louis F., and Clark. 2,697,964.
- Clark, Everett M.: *See*—
Orendorff, John W., and Clark. 2,690,640.
- Clark, Frank G., assignor to Brown Steel Tank Company. 2,679,278, Cl. 153—2.
- Clark, Frank M., assignor to General Electric Company. 2,679,027, Cl. 324—65.
- Clark, Frank W., Rockfall, Conn., and R. T. Stolze, Fort Lauderdale, Fla., said Clark assignor to R. J. Hood, doing business as Eastern Tool Company, East Hartford, Conn. Dressing diamond wheels. 2,664,681, Jan. 5.
- Clark, Franklin, to Hanovia Chemical and Mfg. Co. 2,694,774, Cl. 240—11.4.
- Clark, Frederick E., and I. C. Feustel, Salinas, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Treating rubber obtained from rubber-bearing plants. 2,665,317, Jan. 5.
- Clark, Frederick G., assignor of one-half to W. Stevenson, Buffalo, N. Y. Magnetic socket wrench. 2,671,369, Mar. 9.
- Clark, Frederick G., assignor of one-half to W. Stevenson, Buffalo, N. Y. Magnetic hammer. 2,671,483, Mar. 9.
- Clark, Frederick G., assignor of one-half to W. Stevenson, Buffalo, N. Y. Magnetic tool. 2,671,484, Mar. 9.
- Clark, Frederick G., assignor of $\frac{1}{2}$ to W. Stevenson. 2,677,294, Cl. 81—125.
- Clark, George A. 2,681,038, Cl. 119—23.
- Clark, George E.: *See*—
Thompson, Clarence S., and Clark.
- Clark, George M. 2,679,078, Cl. 22—5.5.
- Clark, George M., 33 $\frac{1}{2}$ % to R. L. Arterbury, and 33 $\frac{1}{2}$ % to B. P. Arterbury. 2,696,257, Cl. 166—99.
- Clark, Harold A.: *See*—
Gordon, Arthur F., and Clark. 2,696,480.
- Clark, Harold A., assignor to Dow Corning Corporation, Midland, Mich. Baking pan, coating compounds, and preparation and baking. 2,672,104, Mar. 16.
- Clark, Harold A., assignor to Dow Corning Corporation, Midland, Mich. Baking pan, coating compounds, and preparation and baking. 2,672,105, Mar. 16.
- Clark, Herbert B., to Vascology-Ramet Corp. 2,697,272, Cl. 29—96.
- Clark, James. 2,683,989, Cl. 73—398.
- Clark, James D., and A. L. Mottet, to The Long-Bell Lumber Co. 2,689,092, Cl. 241—28.
- Clark, James d'A., Longview, Wash. Method and means for indicating product deterioration. 2,671,028, Mar. 2.
- Clark, James d'A., to A. B. Dick Co. 2,698,271, Cl. 154—101.
- Clark, James M.: *See*—
Carothers, William F., and Clark. 2,694,451.
- Clark, James M., to North American Aviation, Inc. 2,688,455, Cl. 244—42.
- Clark, James T.: *See*—
Riordan, John A. 2,697,583.
- Clark, Jared W., to Union Carbide and Carbon Corp. 2,685,606, Cl. 260—653.
- Clark, Jesse H., to Cory Corp., Chicago, Ill. 2,692,937, Cl. 219—44.
- Clark, John, Berkeley, Calif. Engraving device. 2,668,355, Feb. 9.
- Clark, John A., Cleveland, Ohio, assignor to The Reliance Electric and Engineering Company. Speed control circuit. 2,665,402, Jan. 5.
- Clark, John D., assignor to The Hinde & Dauch Paper Company. 2,675,168, Cl. 229—44.
- Clark, John R., $\frac{1}{2}$ to T. Somerville, III., trustee. 2,689,391, Cl. 25—132.
- Clark, John R., Dallas, Tex., J. W. Coursen, Merrick, N. Y., and C. G. Jordan, New Haven, Conn., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Catapult hook mechanism. 2,670,156, Feb. 23.
- Clark, John T.: *See*—
Johnson, Carroll W., and Clark. 2,681,690.
- Clark, John W., assignor to Collins Radio Company. 2,675,222, Cl. 265—27.
- Clark, Kathleen J. 2,693,654, Cl. 40—1.5.
- Clark, Kendall. 2,693,031, Cl. 33—49.
- Clark, Kendall. 2,695,510, Cl. 68—23.

- Clark, Kendall, to General Electric Co. 2,695,460, Cl. 34—75.
- Clark, Kenneth C. 2,674,393, Cl. 224—42.22.
- Clark, Kenneth J. R.: *See—*
Cooper, Basil L., Clark, and Bradshaw. 2,693,740.
- Clark, Kenneth R., to Whirlwind, Inc. 2,682,142, Cl. 56—255.
- Clark, Lucian J., assignee: *See—*
Avery, Steven B.
- Clark, Mary C.: *See—*
Cunningham, Raymond W., Harned, and Clark. 2,678,296.
- Clark, Melville, Jr., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,678,835, Cl. 285—97.5.
- Clark, Murray P.: *See—*
Hecker, Leonard R., and Clark.
- Clark, Nelson O. 2,677,039, Cl. 219—26.
- Clark, Nelson O. 2,679,566, Cl. 200—137.
- Clark, Nelson O. 2,688,065, Cl. 219—4.
- Clark, Nelson O., and G. R. Wightman, to Eastern Electric, Inc. 2,695,387, Cl. 336—197.
- Clark, O'Connor T. 2,683,451, Cl. 128—24.1.
- Clark, Robert B., assignor to Hospital Picture Service Corporation. 2,679,790, Cl. 95—31.
- Clark, Robert E., to E. I. du Pont de Nemours and Co. 2,683,072, Cl. 18—54.
- Clark, Robert E., to E. I. du Pont de Nemours & Co. 2,686,104, Cl. 18—54.
- Clark, Robert E., Jr. 2,690,897, Cl. 255—76.
- Clark, Robert H., assignee: *See—*
Wilson, Harry C.
- Clark, Robert L., Woodbridge, assignor to Merck & Co., Inc., Rahway, N. J. Alkanolic acid esters of amino-alcohols. 2,668,814, Feb. 9.
- Clark, Stanley M.: *See—*
Bosomworth, George P., and Clark.
- Clark, Thomas P. 2,691,217, Cl. 30—50.
- Clark, Tommie M. 2,683,322, Cl. 43—17.2.
- Clark, Truman B.: *See—*
Sheidler, Robert G., and Clark. 2,678,544.
Sheidler, Robert G., and Clark. 2,683,795.
- Clark, Virgil R.: *See—*
Streich, Philip A., Tait, and Clark. 2,685,705.
- Clark, Walter M., North Redondo, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Film viewer. 2,665,608, Jan. 12.
- Clark, Warren H., assignor to United Aircraft Products, Inc. 2,675,024, Cl. 137—622.5.
- Clark, William A., assignor to The Texas Company. 2,677,428, Cl. 166—26.
- Clark, William A. 2,687,767, Cl. 155—179.
- Clark, William A., to L. A. Young Spring & Wire Corp. 2,695,657, Cl. 155—179.
- Clark, William C., Owensboro, Ky., assignor to General Electric Company. Heating circuit control for electric appliances. 2,667,560, Jan. 26.
- Clark, William F., Portland, Oreg. Boat propeller. 2,667,936, Feb. 2.
- Clark, William H., near Silvis, Ill. Spark gap adjusting pliers. 2,670,643, Mar. 2.
- Clark, Willis E., assignee: *See—*
Martin, Earnest E.
- Clark, Willis E., and J. E. Beall, Los Angeles, Calif. Air entrainment type popcorn dispenser. 2,668,640, Feb. 9.
- Clark, Willis E., and J. E. Beall, Los Angeles, Calif. Apparatus for ejecting containers and filling popcorn thereinto. 2,668,649, Feb. 9.
- Clarke, Allen W., assignor to American Car and Foundry Company. 2,680,503, Cl. 189—86.
- Clarke, Edgar W., to The Atlantic Refining Co. 2,684,324, Cl. 196—14.35.
- Clarke, Edgar W., to The Atlantic Refining Co. 2,689,173, Cl. 71—1.
- Clarke, Edgar W., to The Atlantic Refining Co. 2,689,205, Cl. 196—17.
- Clarke, Edgar W., to The Atlantic Refining Co. 2,689,206, Cl. 196—17.
- Clarke, Edward L., Scranton, Pa. Multiunit scaffold. 2,665,174, Jan. 5.
- Clarke, Edward L. 2,689,519, Cl. 101—103.
- Clarke, Eric D. 2,673,984, Cl. 3—13.
- Clarke, Eric D. 2,675,561, Cl. 3—13.
- Clarke, Houghton W., to Mealpack Corp. 2,696,813, Cl. 126—246.
- Clarke, James R.: *See—*
Robertson, Alexander, and Clarke. 2,680,119.
- Clarke, James S., East Orange, N. J., assignor to Standard Oil Development Company. Bellows type expansion joint and equalizing support therefor. 2,667,370, Jan. 26.
- Clarke, James S., to Standard Oil Development Co. 2,690,962, Cl. 23—288.
- Clarke, James S., to Standard Oil Development Co. 2,697,334, Cl. 62—168.
- Clarke, John F. G., 2,693,384, Cl. 294—1.
- Clarke, John T., to Ethyl Corp. 2,691,625, Cl. 202—46.
- Clarke, John T., S. N. Hall, and P. E. Weimer, to Ethyl Corp. 2,690,458, Cl. 260—650.
- Clarke, Kenneth K. 2,675,430, Cl. 179—100.2.
- Clarke, Kenneth W., assignor to The De Havilland Aircraft Company Limited. 2,676,487, Cl. 73—104.
- Clarke, Lawrence. 2,681,562, Cl. 72—48.
- Clarke, Philip C., L. B. Glaser, and F. A. Votta, Jr., to Eastern Metals Research Co., Inc. 2,693,328, Cl. 244—138.
- Clarke, Phillips H., and R. M. Cutts; said Cutts assor. to said Clarke. 2,697,273, Cl. 29—261.
- Clarke Sanding Machine Company, assignee: *See—*
Petersen, William L.
- Clarke, William C., Jr., to Armco Steel Corp. 2,695,844, Cl. 75—134.
- Clarke, William C., Jr., to Armco Steel Corp. 2,697,035, Cl. 75—125.
- Clarkson, Alick, Paul's Spur, Ariz., assignor of one-half to Vapor Heating Corporation, Chicago, Ill. Shot blast cleaner for coil type steam generators. 2,670,723, Mar. 2.
- Clarkson, Alick, assignor of $\frac{1}{4}$ to Vapor Heating Corporation. 2,674,981, Cl. 122—136.
- Clarkson, Blanding D.: *See—*
Copenhaver, James E., Clarkson, and Woods. 2,677,165.
- Clarkson, Frank H., Coventry, England. Toolholder. 2,667,687, Feb. 2.
- Clarkson, Robert J., to United States Rubber Co. 2,689,449, Cl. 57—106.
- Clarostat Mfg. Co., Inc., assignee: *See—*
Mucher, George J. 2,676,226.
- Clarry, W. Gerald: *See—*
Muth, John, Sr., and Clarry. 2,689,378.
- Clarvoe, George W., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Self-sealing shingle. 2,666,402, Jan. 19.
- Clarvoe, George W., Somerville, and L. M. Pomeroy, deceased (by E. A. Pomeroy, administratrix), Newark, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Self-sealing shingle. 2,667,131, Jan. 26.
- Clary, Frank A., Jr., and G. N. Willis, to Pioneer Steel Ball, Inc. 2,692,046, Cl. 209—101.
- Clary, Hugh L.: *See—*
Boyden, Robert E., Clary, Eakin, Glennie, Mark, and Parsons. 2,677,499.
- Clary, John H. 2,687,679, Cl. 94—45.
- Clary Multiplier Corp.: *See—*
Boyden, Robert E., Clary, Eakin, Glennie, Mark, and Parsons. 2,677,499.
- Boyden, Robert E., Kuhne, and Parsons. 2,682,994.
- Clasen, Claus J. W., to American Steel Foundries. 2,682,397, Cl. 267—9.
- Claude, André: *See—*
Delrieu, Pierre, and Claude. 2,677,623.
- Claud-Mantle, Arthur, assignor to The Bassick Company. 2,674,205, Cl. 105—354.
- Claus, Paul E., W. T. Nye, and W. C. Rendall, to Gaylord Container Corp. 2,690,289, Cl. 229—52.
- Claus, William H., to Westinghouse Air Brake Co. 2,681,985, Cl. 246—130.
- Clausen, Albert P. 2,691,538, Cl. 285—168.
- Clausen, Howard F.: *See—*
Bozeman, Virgil F., Sr., Sorensen, and Clausen. 2,682,739.
- Bozeman, Virgil F., Sr., Walz, Griff, and Clausen. Sorensen, Knud B., and Clausen. 2,688,222.
- Clausen, Howard J., to E. R. Wagner Mfg. Co. 2,684,863, Cl. 292—283.
- Clausen, Robert J.: *See—*
Claussen, Richard H. and R. J.
- Clausen, Sigurd, Brooklyn, and J. A. Neumair, Hollis, N. Y., assignors to International Cigar Machinery Co. Filler feed control mechanism for cigar machines. 2,667,171, Jan. 26.
- Clausing, Henry G., to Vulcan Corp. 2,684,493, Cl. 12—136.
- Clauss, Emil: *See—*
Schumann, Herbert, and Clauss. 2,690,725.
- Claussen, Richard H., Gary, and R. J. Claussen, Hammond, Ind. Screen on automobile and truck windows. 2,665,754, Jan. 12.
- Claussen, William H.: *See—*
Cope, John Q., and Claussen.
- Claver, George C., Jr., to Monsanto Chemical Co. 2,687,442, Cl. 260—666.5.
- Clawson, Claude L. 2,697,279, Cl. 32—32.
- Clawson, Dwight, Clatskanie, Oreg. Valve leak detector. 2,665,580, Jan. 12.
- Clay, Howard W., assignor to Rockford Inventors, Inc. 2,674,375, Cl. 209—251.
- Clay, Philip E. F., Radcliffe-on-Trent, England. Elastic fabric and manufacture thereof. 2,668,565, Feb. 9.
- Clay, Pieter H., deceased, by J. D. Heijligers, administrator, to Hartford National Bank and Trust Co., as trustee. 2,690,899, Cl. 257—261.
- Clayborne Manufacturing Company, assignee: *See—*
Clayborne, Norman F.
- Clayborne, Norman F., assignor to Clayborne Manufacturing Company, Chicago, Ill. Gear assembly. 2,666,335, Jan. 19.
- Claybourn, Glen L., to Westinghouse Electric Corp. 2,691,449, Cl. 214—38.
- Claybourn, Glen L., and A. L. Fletcher, to Westinghouse Electric Corp. 2,689,293, Cl. 200—168.

- Clayden, David O.: *See*—
Newman, Edward A., and Clayden. 2,694,521.
- Claydon, Thomas J., and J. J. Smaltz, assignors to Research Corporation. 2,679,158, Cl. 73—61.
- Claypool, Robbins M.: *See*—
Best, David M., and Claypool. 2,688,370.
- Claypool, Robbins M., and D. M. Best, assignors to Houston Oil Field Material Company, Inc., Houston, Tex. Device for unscrewing pipe. 2,665,888, Jan. 12.
- Clayton Aniline Company Ltd., The, assignee: *See*—
Brunner, Ernst, and Hindes.
- Clayton, Benjamin: *See*—
Perlman, David, and Mattikow. 2,691,011.
- Clayton, Benjamin. 2,678,327, Cl. 260—428.5.
- Clayton, Benjamin. 2,686,794, Cl. 260—403.
- Clayton, David P.: *See*—
Lewellen, Albert R., Jr., Diedring, Clayton, and Falge. 2,686,867.
- Clayton Dewandre Company Limited, assignee: *See*—
Edge, Stanley H.
Edge, Stanley H., and Beet.
Edge, Stanley H., and Jeffery. 2,680,654.
- Clayton, Erith T., to Peen Plate, Inc. Re. 23,861, Cl. 117—109.
- Clayton, Erith T., to Peen Plate, Inc. 2,689,808, Cl. 117—131.
- Clayton, Harold H., and A. D. Satterthwaite, assignors to Essex Wire Corporation, Logansport, Ind. Bulb socket assembly embodying means for fastening the same in a perforated panel. 2,668,281, Feb. 2.
- Clayton, James O.: *See*—
Jensen, Warren, and Clayton. 2,683,168—2,683,169.
Lowe, Warren, and Clayton. 2,690,999.
- Clayton, Joseph F.: *See*—
Krulikowski, Stanley J., Jr., Manning, and Clayton. 2,674,691.
- Clayton, Joseph F., and A. Greenfield, to Bendix Aviation Corp. 2,682,000, Cl. 250—83.6.
- Clayton Mfg. Co.: *See*—
Arant, Perry. 2,697,868.
Bennett, Harold L.
Cline, Edwin L.
- Clayton, Robert E., Jr., and R. G. Newberg, to Standard Oil Development Co. 2,688,005, Cl. 260—28.5.
- Clayton, Robert P. 2,691,843, Cl. 43—57.5.
- Clayton, Temple, Parsippany, E. B. Hershberg, West Orange, and B. F. Schoen, Union City, assignors to Schering Corporation, Bloomfield, N. J. Preparation of 3,12-dihydroxy cholenic acids and their esters. 2,669,571, Feb. 16.
- Clayton, Temple, Parsippany, E. B. Hershberg, West Orange, and B. Schoen, Union City, assignors to Schering Corporation, Bloomfield, N. J. Preparation of cholanolic acid derivatives. 2,671,792, Mar. 9.
- Clearfield Machine Company, assignee: *See*—
McMurray, Walter E. 2,677,533.
- Clearman, Jack F. 2,685,297, Cl. 137—211.
- Clearman, Jack F. 2,685,298, Cl. 137—211.
- Clearman, Jack F. 2,692,608, Cl. 137—211.
- Clear-View Advertising Dialer Co.: *See*—
Fredrickson, David O. 2,682,123.
- Clearwater, Fred E. 2,676,399, Cl. 30—91.
- Cleary, Dennis E. 2,687,359, Cl. 117—25.
- Cleaveland, Leroy A., to United States Instrument Corp. 2,692,380, Cl. 340—401.
- Cleaver-Brooks Company, assignee: *See*—
Loebel, Frederick A.
- Cleaver, Henry P., to Vogue Dolls, Inc. 2,687,594, Cl. 46—149.
- Cleeve, Mathilda E. 2,687,674, Cl. 88—85.
- Clegg, Robert S.: *See*—
Waddington, John, and Clegg. 2,680,141.
- Clegg, Robert S., and P. C. Macpherson, assignors to Elektrokemisk A/S. 2,680,143, Cl. 13—18.
- Clegg, Samuel E., Plainfield, Ill. Extracting plants with their roots and packing the roots. 2,669,065, Feb. 16.
- Cleiff, Joseph A., to Aluminum Bronze Co. Ltd. 2,689,485, Cl. 74—355.
- Cleland, William: *See*—
Pfaffle, George P., and Cleland. 2,688,763.
- Clellan, Ross P.: *See*—
Minton, Corwin R. 2,693,140.
- Clem, Arthur G., assignor to American Colloid Company, Chicago, Ill. Treatment of blue bentonite and product thereof. 2,672,442, Mar. 16.
- Clemans, J. Vernon: *See*—
Ellison, John A. T. 2,687,721.
- Clemens, Albert, Louisville, Ky. Knee bayonet. 2,665,478, Jan. 12.
- Clemens, John E.: *See*—
Orthuber, Richard K., Clemens, and Johnstone.
- Clemens, Ludwig. 2,675,053, Cl. 154—30.
- Clemens, Milton L., H. von Bramer, and D. S. Young, to Eastman Kodak Co. 2,682,547, Cl. 260—348.
- Clemens, Ogden A., R. O. Mertens, and M. Walckhof, to Swift & Co. 2,697,245, Cl. 17—43.
- Clement, Arthur W., assignor to The North Electric Manufacturing Company. 2,680,161, Cl. 179—175.2.
- Clement, George F., Penn Township, Allegheny County, Pa. Adjustable pipe cleaner. 2,668,551, Feb. 9.
- Clements, David, to the United States of America as represented by the Secretary of the Army. 2,694,615, Cl. 346—139.
- Clements Mfg. Co.: *See*—
Clements, William J. 2,685,744.
- Clements, Norman T., Pittsburgh, Pa. Hollow structural building unit. 2,668,435, Feb. 9.
- Clements, Stiles O. 2,674,014, Cl. 20—1.13.
- Clements, William J., to Clements Mfg. Co. 2,685,744, Cl. 33—174.
- Cleminson, James A. C. C., and G. Hake, assignors to A. V. Roe Canada Limited. 2,675,456, Cl. 219—20.
- Clemmer, Monroe B.: *See*—
Moos, Gilbert E., and Clemmer, and Carwell. 2,697,022.
- Clemons, Clement W.: *See*—
Andres, William A., Clemons, and Trettel. 2,682,601.
- Clemons, Clement W., Minneapolis, and T. S. Zastrow, St. Paul, Minn., assignors to General Mills, Inc. Steaming attachment for flatirons. 2,671,284, Mar. 9.
- Clemson Agricultural College of South Carolina, The: *See*—
Park, Joseph K., and Powers. Re. 23,886.
- Clerc, Leonard F., Detroit, Mich. Adjustable bedstead. 2,666,931, Jan. 26.
- Clerck, Fernand, Marcinelle, assignor to Ateliers de Constructions Electriques de Charleroi, Brussels, Belgium. Winding mechanism for magnetic recorders. 2,671,619, Mar. 9.
- Clerke, John W., Little Falls, N. J. Threaded joint and element thereof having improved thread form. 2,669,468, Feb. 16.
- Clerke, John W. 2,684,101, Cl. 153—2.
- Clerke, John W. 2,684,102, Cl. 153—71.
- Cleveland, Charles H., and J. J. Bilodeau, to the United States of America as represented by the Secretary of War. 2,689,504, Cl. 89—149.
- Cleveland Crane & Engineering Co., The: *See*—
Anjeskey, Alphonse F. 2,696,920.
- Cleveland Frog & Crossing Co.: *See*—
Arnold, George, and Schultz.
Arnold, George, and Schultz. 2,687,859.
- Cleveland Heater Co., The: *See*—
Wolf, Elmer W. 2,692,936.
- Cleveland Hobbing Machine Co., The: *See*—
Staples, Otis E. 2,684,016.
- Cleveland Pneumatic Tool Co., The: *See*—
Gazley, Richard C. 2,683,598.
Hoffar, Henry S. 2,688,718.
Sears, Richard E. 2,688,951.
Speth, Lloyd G. 2,675,712.
- Cleveland Shopping News Company, The, assignee: *See*—
Lippitt, Stephen W.
- Cleveland, Thomas H.: *See*—
Slocombe, Robert J., Flores, and Cleveland. 2,680,127.
- Cleveland Trencher Company, The, assignee: *See*—
Askue, Albert R.
- Cleveland Trust Company, The, executor: *See*—
Heintz, James C. 2,675,855.
Heintz, James C. 2,679,715.
- Cleveland, William F., Rock Falls, Ill. Electric automatic stock and chicken waterer. 2,665,366, Jan. 5.
- Cleveland Worm & Gear Company, The, assignee: *See*—
Acker, George H. 2,675,713.
- Clevenger, Averett A. and G. H. 2,677,908, Cl. 40—33.
- Clevenger, Carl L.: *See*—
Nichols, Charles A., Clevenger, Fletcher, and Zion. 2,677,874.
- Clevenger, Carl L., to General Motors Corp. 2,694,952, Cl. 78—60.
- Clevenger, Gordon H.: *See*—
Clevenger, Averett A. and G. H. 2,677,908.
- Clevenger, Walter C., assignee: *See*—
De Wolf, Allan.
- Clevenger, Walton S., and J. S. and S. G. Cohen. 2,679,172, Cl. 76—107.
- Cleverdon, Carlos C., assignee: *See*—
Jencks, Hollis W.
- Clevett, Merton L., Jr., and D. L. Fiske. 2,690,463, Cl. 136—4.
- Clevite Corp.: *See*—
Butterworth, John W. 2,688,402.
Christian, Dean R. 2,694,145.
Gravley, Charles K. 2,696,651.
Jaffe, Hans. 2,680,720.
Kornei, Otto. 2,683,856.
Schaefer, Ralph A., Cerness, and Morrison. 2,687,565.
Sobek, Andrew R. 2,674,520.
Sobek, Andrew R., and Hale. 2,675,303.
Williams, Alfred L. W. 2,676,212.
Williams, Alfred L. W. 2,680,613.
- Clewell, Dayton H., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated. 2,675,086, Cl. 181—0.5.
- Click, Inc., assignee: *See*—
Crandall, William J. and E. M. 2,680,621.
- Clickner, Forest H.: *See*—
Stuart, Gerald H., Howard, Watson, Clickner, and Sommer. 2,682,469.
- Clifford, Cecil F. 2,690,646, Cl. 58—116.
- Clifford, Cecil F., and L. G. M. Payne. 2,691,112, Cl. 310—156.

- Clifford, Hilda B. 2,677,569, Cl. 294—87.
Ham, John L., Bens, Herzig, and Timmons. 2,678,268.
Ham, John L., Bens, Herzig, and Timmons. 2,678,269.
Ham, John L., Bens, Herzig, and Timmons. 2,678,270.
Ham, John L., Bens, Herzig, and Timmons. 2,678,271.
Ham, John L., Bens, Herzig, and Timmons. 2,678,272.
Ham, John L., Bens, Herzig, and Timmons. 2,679,455.
Clifford, Thomas W., and J. Mills, to Taylor, Taylor & Hobson Ltd. 2,682,804, Cl. 88—32.
Clift, Gilbert B.: *See*—
McGay, John B., Clift, and Ridley. 2,694,287.
Clifton Conduit Co., Inc.: *See*—
Pearson, William S.
Pearson, William S. 2,676,792.
Pearson, William S. 2,696,446.
Pearson, William S. 2,696,799.
Clifton, John R., to Northrop Aircraft, Inc. 2,692,662, Cl. 188—152.
Cline, Earl E.: *See*—
Mueller, Robert H., and Cline. 2,677,561.
Cline, Edwin L., Pasadena, Calif., assignor to Clayton Manufacturing Company, Alhambra, Calif. Dynamometer with built-in heat exchanger. 2,672,953, Mar. 23.
Cline Electric Mfg. Co.: *See*—
Priban, Milton L. 2,683,246.
Rhyne, Earl C., Jr., Behr, and Priban. 2,680,829.
Cline, Joda, Baisden, W. Va. Convertible gun stock. 2,669,051, Feb. 16.
Cline, Leon E., and D. C. Smith, to Owens-Illinois Glass Co. 2,687,289, Cl. 263—6.
Cline, Truman H., to Sears, Roebuck and Co. 2,689,776, Cl. 312—319.
Cline, Warren K., Niagara Falls, N. Y., assignor to Mathieson Chemical Corporation. Preparation of cyclic carbonates. 2,667,497, Jan. 26.
Clinedinst, William O., Pittsburgh, Pa. Foot binding for water skis and the like. 2,664,578, Jan. 5.
Clingman, Paul E., assignor to General Motors Corporation. 2,679,915, Cl. 189—78.
Clinical Instruments Company, assignee: *See*—
Krasno, Louis R. 2,676,512.
Clinton, Edward J., Jr., Chatham, N. J., assignor to Air Reduction Company, Incorporated. Gaseous fuel cutting torch with reversibly positioned valve lever. 2,666,479, Jan. 19.
Clinton Foods Inc.: *See*—
Cook, Ralph W. 2,680,708.
Cook, Ralph W. 2,680,715.
Cunningham, Donald F.
De Witt, Daniel C., and McKune. 2,695,209.
Keller, Herman J. 2,698,246.
Skinner, Bronson C. 2,680,709.
Clinton, Raymond O.: *See*—
Buck, Johannes S., and Clinton. 2,678,932.
Johnson, William S., and Clinton. 2,686,188.
Clinton, Raymond O., to Sterling Drug Inc. 2,686,187, Cl. 260—397.45.
Clinton, Raymond O., to Sterling Drug Inc. 2,686,189, Cl. 260—397.45.
Clinton, Raymond O., North Greenbush, and S. C. Laskowski, Menands, assignors to Sterling Drug, Inc., New York, N. Y. Tertiary-aminoalkyl 4-amino-2-alkoxythiolbenzoates and their preparation. 2,669,564, Feb. 16.
Clinton, Raymond O., North Greenbush, and S. C. Laskowski, Menands, assignors to Sterling Drug, Inc., New York, N. Y. Tertiary-aminoalkyl 4-substituted-amino-2-alkoxythiolbenzoates and their preparation. 2,669,565, Feb. 16.
Clinton, Raymond O., North Greenbush, and S. C. Laskowski, Menands, assignors to Sterling Drug, Inc., New York, N. Y. 4-amino-2-alkoxybenzamides and their preparation. 2,669,583, Feb. 16.
Clinton, Raymond O., and S. C. Laskowski, to Sterling Drug Inc. 2,689,248, Cl. 260—294.3.
Clinton, Raymond O., and S. C. Laskowski, to Sterling Drug Inc. 2,691,025, Cl. 260—294.
Clinton, Raymond O., and S. C. Laskowski, to Sterling Drug Inc. 2,691,041, Cl. 260—559.
Clinton, Roy. 2,679,949, Cl. 220—89.
Cloedy, Frederick W., and F. G. Beuer, to Carter Carburetor Corp. 2,687,266, Cl. 248—300.
Cloete, Floris, Wilkinsburg, assignor to Rockwell Manufacturing Company, Pittsburgh, Pa. Fluid tight passage joint seal. 2,669,466, Feb. 16.
Clogston, Albert M., Morris Plains, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron device with long electron path. 2,666,163, Jan. 12.
Clogston, Albert M., New York, N. Y., and A. G. Smith, Durham, N. C., assignors, by mesne assignments, to United States of America as represented by the Secretary of War. Magnetron output coupling system. 2,666,869, Jan. 19.
Clore, Withrow T., assignor to Travel-Ads Inc., Lincoln, Nebr. Display device for vehicle tops. 2,667,002, Jan. 26.
Close, Richard N., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. 2,678,441, Cl. 343—16.
Close, Russell E. 2,682,850, Cl. 113—54.
Close, Warren J.: *See*—
Spielman, Marvin A., and Close. 2,689,866.
Closkin, Leon A. A. J.: *See*—
Warmoes, Jean J., and Closkin. 2,688,884.
Clothier, Stewart L. 2,678,347, Cl. 178—5.1.
Clotworthy, Charles B., Jr., Brooklandville, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for reeling filamentary articles. 2,668,673, Feb. 9.
Cloud, Raymond T., assignor to North American Geophysical Co., Houston, Tex. Pendulum and acceleration compensation apparatus. 2,665,499, Jan. 12.
Cloud, Raymond T., assignor to North American Geophysical Co., Houston, Tex. Elevation meter. 2,666,992, Jan. 26.
Cloud, Raymond T., to North American Geophysical Co. 2,681,568, Cl. 73—178.
Cloud, Raymond T., to North American Geophysical Co. 2,696,676, Cl. 33—220.
Cloud, Robert W.: *See*—
Trump, John G., and Cloud. 2,697,793.
Cloud, William S.: *See*—
Hosack, Gerald S. 2,697,901.
Clough, Philip J.: *See*—
Chadsey, Earl E., Jr., Clough, and Godley.
Godley, Philip, 2nd, Clough, and Stauffer.
Clough, Philip J., Reading, and E. E. Chadsey, Jr., Newton, Mass. Depositing an aluminum film on a substrate by thermal vaporization. 2,665,223, Jan. 5.
Clough, Philip J., Reading, and P. Godley, 2nd, Lexington, assignors to National Research Corporation, Cambridge, Mass. Vapor coating. 2,665,224, Jan. 5.
Clough, Philip J., Reading, and P. Godley, 2nd, Lexington, assignors to National Research Corporation, Cambridge, Mass. Apparatus and method of coating by vapor deposition. 2,665,227, Jan. 5.
Clough, Robert S., Wilmington, Del. Retractable jaw wrench having parallel resilient jaws. 2,669,896, Feb. 23.
Clougherty, John E., and E. C. Lonergan. 2,675,270, Cl. 299—139.
Cloughessy, John J., to United States Steel Corp. 2,685,442, Cl. 266—23.
Clouse, Lewis J., Helena, Mont. Dispenser for collapsible tubes having tube-squeezing rollers. 2,670,876, Mar. 2.
Cloutier, Douglas: *See*—
Rees, Clarence A., and Cloutier. 2,695,690.
Clover, Henrietta. 2,685,085, Cl. 2—42.
Clover, Leonard W., San Jose, Calif. Landing wheel structure for aircraft. 2,665,087, Jan. 5.
Cloverleaf-Freeland Corporation: *See*—
Miller, William H. 2,681,188.
Clower, Egbert H., and F. E. Johnson, to Eastman Kodak Co. 2,697,115, Cl. 260—487.
Clowes, William, & Sons Limited, assignee: *See*—
Croucher, Henry G.
Club Aluminum Products Co.: *See*—
Lilja, Ernest L. 2,686,597.
Clubb, Roy E., and J. P. Vennari. 2,674,664, Cl. 200—33.
Cluett, Peabody & Co., Inc.: *See*—
Donaldson, Harry C., Jr. 2,674,741.
Gannon, John J., Powell, and Fiscella.
Macrides, Philip C. 2,694,202.
Clure, Claremont F. 2,695,075, Cl. 184—38.
Clute, Henry H. 2,677,939, Cl. 62—1.
Clutter, Elmer S., Canonsburg, Pa. Wall building unit. 2,669,861, Feb. 23.
Cluwin, Johannes M., to Hartford National Bank and Trust Co., as trustee. 2,693,577, Cl. 332—45.
Cluytens, Charles. 2,694,858, Cl. 32—5.
Clybourn Machine Corp.: *See*—
Telfors, Herbert G. 2,692,397.
Clyde Engineering and Mfg. Corp.: *See*—
Pedersen, Harry C. 2,690,090.
Clyde Iron Works, Inc.: *See*—
Fox, Robert P. 2,684,767.
Fox, Robert P. 2,693,341.
Clymer, Harold A., and M. C. Ginkiewicz, assignors to Smith, Kline & French Laboratories. 2,675,343, Cl. 167—82.
Clyne, Aloysius R., New Dorp, N. Y. Motion limiting device. 2,664,768, Jan. 5.
Clyserol Laboratories, Inc.: *See*—
Boyer, Russell C. 2,690,181.
Coach & Car Equipment Corporation, assignee: *See*—
Gundersen, Ralph W.
Coakley, Arthur T., Catonsville, Md. Combining finely divided solid material with liquid. 2,672,325, Mar. 16.
Coakley, Lige, assignor to Bemis Bro. Bag Co. 2,677,924, Cl. 53—148.
Coakwell, Charles A., Jr. 2,676,586, Cl. 128—1.
Coar, Richard J., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Control method and apparatus. 2,667,150, Jan. 26.
Coast Metals, Inc.: *See*—
Cape, Arthur T., and Foerster. 2,695,943.
Coates, Albert O.: *See*—
Hird, John F. 2,684,511.
Coates Brothers & Co. Ltd.: *See*—
Black, David J. 2,690,119.

- Coates, J. Edwin, assignor to Alta Engineering Company, Santa Monica, Calif. Rotary cutting tool. 2,670,018, Feb. 23.
- Coates, James N., assignor to Carbonneau Industries, Incorporated, Grand Rapids, Mich. Commutator and manufacture therefor. 2,668,894, Feb. 9.
- Coates, Nelligh C., assignor to Concrete Saw Company, Kansas City, Mo. Power-driven cutting machine for pavements and the like. 2,673,725, Mar. 30.
- Coates, Sydney N. 2,676,238, Cl. 219—38.
- Coates, Vincent J., to The Perkin-Elmer Corp. 2,690,695, Cl. 88—14.
- Coats & Clark Inc.: *See*—
- Adams, Frederick W. 2,690,147.
 - Adams, Frederick W. 2,690,148.
 - Adams, Frederick W. 2,690,149.
 - Chambers, David B. 2,681,731.
 - Eckhardt, George R. 2,693,108.
 - Kershaw, Stanley C. 2,685,338.
 - Morin, Louis H. 2,683,572.
 - Morin, Louis H. 2,689,096.
- Coats, Gilbert E. 2,684,112, Cl. 157—1.1.
- Cobb, Harold E.: *See*—
- Furnas, William C., and Cobb. 2,687,502.
- Cobb, Harold E., and W. C. Furnas, to Furnas Electric Co. 2,687,458, Cl. 200—104.
- Cobb, Leland D., to General Motors Corp. 2,688,502, Cl. 86—5.
- Coberly, Clarence J.: *See*—
- Hasche, Rudolph L., and Coberly. 2,692,819.
- Coberly, Clarence J., Los Angeles, Calif., assignor to Dresser Equipment Company. Fluid-operated well pumping apparatus with hydraulic shock absorber. 2,670,685, Mar. 2.
- Coberly, Clarence J., assignor, by mesne assignments, to Dresser Equipment Company. 2,674,126, Cl. 73—155.
- Coberly, Clarence J., assignor, by mesne assignments, to Dresser Equipment Company. 2,674,192, Cl. 103—46.
- Coberly, Clarence J., assignor, by mesne assignments, to Dresser Equipment Company. 2,676,546, Cl. 103—46.
- Coberly, Clarence J., to Dresser Equipment Co. 2,682,225, Cl. 103—5.
- Cobham, Alan J., C. H. Latimer-Needham, C. H. Smith, and P. S. Macgregor, to Flight Refuelling Ltd. 2,692,102, Cl. 244—135.
- Cobham, Alan J., C. H. Latimer-Needham, and P. S. Macgregor, to Flight Refuelling Ltd. 2,692,103, Cl. 244—135.
- Coburn, O. W., assignee: *See*—
- Fritzsche, Fred G. 2,680,697.
- Cocchi, Ernesto. 2,686,977, Cl. 215—23.
- Cocherell, Arthur L.: *See*—
- Kuntz, Theodore F., Disberger, and Cocherell. 2,676,998.
- Cochran, Frank J. 2,674,411, Cl. 235—95.
- Cochran, Andrew A.: *See*—
- Homeyer, August H., De La Mater, and Cochran.
- Cochran, Charles W., Jr., Aldan, Pa., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Breech operating mechanism. 2,666,365, Jan. 19.
- Cochran, Donald J.: *See*—
- Voelkner, Alvin G., and Cochran. 2,697,211.
- Cochran, Donald J., and T. E. McDowell, to The Pyle National Co. 2,683,287, Cl. 18—36.
- Cochran, John M.: *See*—
- McLane, Fletcher E., and Cochran. 2,683,847.
- Cochrane, Andrew R.: *See*—
- Field, Lloyd M. 2,698,011.
- Cochrane, Charles A., and E. A. N. Whitehead, assignors to Elliott Brothers (London) Limited. 2,677,056, Cl. 250—33.63.
- Cochrane Corporation, assignee: *See*—
- Joos, Charles E.
- Cochrane, Ralph H., Sacramento, Calif. Panel wall joint. 2,664,740, Jan. 5.
- Cocke, Albert K., and R. Woodell, to E. I. du Pont de Nemours & Co. 2,688,160, Cl. 19—0.41.
- Cocker Machine & Foundry Co.: *See*—
- Browne, Godfrey H. 2,678,485.
 - Browne, Godfrey H., and Groce. 2,681,035.
 - Groce, Homer W., and Browne. 2,680,896.
 - Sherrill, Price E., Jr., and Browne. 2,690,243.
- Cockerham, John F. 2,682,214, Cl. 97—175.
- Cockerill, Gerald I., Cleveland Heights, and W. F. Sindelar, assignors to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Drive mechanism for washing machines and the like. 2,665,575, Jan. 12.
- Cockerill, Gerald I., and W. A. Dunes, assignors to The Apex Electrical Manufacturing Company. 2,679,151, Cl. 68—22.
- Cockett, Alfred H., to The British Oxygen Co. Ltd. 2,680,968, Cl. 73—398.
- Cockrell, Welton R., Mexia, Tex. Leveling bracket. 2,668,744, Feb. 9.
- Cocks, Alyce. 2,688,749, Cl. 2—42.
- Cocks, George W., deceased; by G. E. M. Cocks, executrix. 2,693,286, Cl. 214—84.
- Cocks, Gertrude E. M.: *See*—
- Cocks, George W. 2,693,286.
- Cockshutt Farm Equipment Ltd.: *See*—
- Harper, Wesley A. 2,687,702.
 - Kelman, Robert B., and Johnston. 2,684,618.
- Coco Rico Inc.: *See*—
- Pieraccioni, Eugene J. 2,685,270.
- Cocup, George A.: *See*—
- Goodbar, Mayo A., Cocup, and Faux. 2,698,139.
- Codianne, Nicholas, San Carlos, assignor to Roberts Manufacturing Co., Los Angeles, Calif. Carpet cutting device. 2,666,986, Jan. 26.
- Codier, Ernest O., Takoma Park, Md., assignor to the United States of America as represented by the Secretary of the Army. Crystal controlled clutch. 2,666,512, Jan. 19.
- Cody, Agnes E., Chicago, Ill. Apron. 2,665,425, Jan. 12.
- Coe, Albert A.: *See*—
- Pavey, Larry E., and Coe. 2,677,525.
- Coe, Harry D., Jr., and J. B. Dym; said Dym to said Coe, Jr. Re. 23,846, Cl. 51—141.
- Coe, Herbert A.: *See*—
- De Santis, Frank, and Coe. 2,691,463.
- Coe Manufacturing Company, The, assignee: *See*—
- Parker, Clarence E.
 - St. Clair, Charles W.
 - Worthington, Roy E.
- Coen Co., The: *See*—
- Voorheis, Joseph T. 2,681,736.
- Coetierier, Frederik, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric discharge tube of the cavity resonator type. 2,668,257, Feb. 2.
- Coff, Leo. 2,675,695, Cl. 72—70.
- Coffen, William W., to Metal & Thermit Corp. 2,694,004, Cl. 51—308.
- Coffey, Charles A., R. T. Ryan, and L. N. Whitehill, to The Sherwin-Williams Co. 2,694,015, Cl. 106—310.
- Coffey, Irven E.: *See*—
- Ericson, George R., and Coffey.
- Coffey, Irven E. 2,695,366, Cl. 290—36.
- Coffey, Samuel, D. A. W. Fairweather, and D. E. Hathway, to Imperial Chemical Industries Ltd. 2,685,582, Cl. 260—273.
- Coffey, Thomas H.: *See*—
- Cummins, Harry D. 2,693,725.
- Coffey, Wayne M., to The Mengel Co. 2,680,875, Cl. 16—105.
- Coffield, Charles W. 2,682,125, Cl. 40—140.
- Coffing, Frederick W., assignor to Coffing Hoist Company, Danville, Ill. Hoist. 2,670,176, Feb. 23.
- Coffing, Frederick W., assignor to Coffing Hoist Company. 2,678,840, Cl. 287—52.05.
- Coffing Hoist Company, assignee: *See*—
- Coffing, Frederick W.
 - Coffing, Frederick W. 2,678,840.
- Coffman, Alvin, and J. Marshall, assignors to Inland Steel Company. 2,677,562, Cl. 287—119.
- Coffman, Donald D., to E. I. du Pont de Nemours and Co. 2,682,524, Cl. 260—63.
- Coffman, Donald D., to E. I. du Pont de Nemours and Co. 2,687,432, Cl. 260—532.
- Coffman, Donald D., West Chester, Pa., and H. N. Cripps, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Long-chain diketones. 2,671,810, Mar. 9.
- Coffman, Hurshel L., Clinton, Md. Orthopedic apparatus. 2,664,886, Jan. 5.
- Coffman Mfg. Corp.: *See*—
- Coffman, Robert B. 2,695,171.
- Coffman, Robert B., to Coffman Mfg. Corp. 2,695,171, Cl. 271—2.6.
- Coffman, Thomas E. 2,681,724, Cl. 198—31.
- Cofrancesco, Anthony J., to General Aniline & Film Corp. 2,692,880, Cl. 260—248.
- Cogan, Anna S. 2,682,062, Cl. 5—336.
- Coggeshall, Thellwell R., and N. H. Westervelt, to General Electric Co. 2,696,536, Cl. 200—89.
- Coghill, James T., assignor, by mesne assignments, to Curlator Corporation. 2,674,928, Cl. 92—26.
- Coghlan, Charles A., to The Texas Co. 2,684,896, Cl. 48—215.
- Cogings, Edward V., Miami, Fla. Rotary vehicle parking elevator. 2,670,860, Mar. 2.
- Cogliati, Norman: *See*—
- Hoban, Fairfield W. 2,685,956.
 - Hoban, Fairfield W. 2,686,588.
- Cohen, Aaron: *See*—
- Bergel, Franz, Cohen, Atherton, Heath-Brown, and Hughes. 2,693,470.
- Cohen, Abraham B.: *See*—
- Levy, Sidney E., White, and Cohen. 2,690,231.
- Cohen, Charles A., to Standard Oil Development Co. 2,688,633, Cl. 260—505.
- Cohen, Charles A., L. A. Mikeska, and F. Knott, Jr., to Standard Oil Development Co. 2,688,627, Cl. 260—429.
- Cohen, Dave, assignee: *See*—
- Friedman, William. 2,677,861.
- Cohen, George: *See*—
- Cabot, Samuel, and Cohen. 2,692,184.
- Cohen, Harold: *See*—
- Buchmiller, Earl P., and Cohen.
- Cohen, Harold L. 2,681,142, Cl. 206—46.
- Cohen, Herman, Brookline, Mass., assignor of one-half to Imperial Talc Company, Inc., Hoboken, N. J. Improving plant yields. 2,669,804, Feb. 23.

- Cohen, Joel S.: *See*—
Clevenger, Walton S., and J. S. and S. G. Cohen. 2,679,172.
- Cohen, Martin J., to Radio Corp. of America. 2,686,275, Cl. 315—10.
- Cohen, Martin J., G. P. Wachtell, and G. F. Pieper, Jr., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,762, Cl. 250—27.
- Cohen, Meyer P., 2,692,386, Cl. 2—132.
- Cohen, Milton J., Washington, D. C. Powder dispenser. 2,672,144, Mar. 16.
- Cohen, Milton J., assignor to Miljam Instrument Corporation. 2,679,246, Cl. 128—218.
- Cohen, Milton J. 2,687,130, Cl. 128—272.
- Cohen, Morton D. 2,682,854, Cl. 115—41.
- Cohen, Morton R., to Douglas Furniture Corp. 2,694,443, Cl. 155—196.
- Cohen, Oscar P., and M. J. Scott, assignors to Monsanto Chemical Company. 2,676,896, Cl. 117—62.
- Cohen, Robert, H. F. Storm, and M. Ker, to General Electric Co. 2,682,632, Cl. 321—19.
- Cohen, Robert M., to Radio Corp. of America. 2,692,919, Cl. 179—171.
- Cohen, Samuel A.: *See*—
Rowe, William, and Cohen.
- Cohen, Sanders G.: *See*—
Clevenger, Walton S., and J. S. and S. G. Cohen. 2,679,172.
- Cohen, Saul, assignee: *See*—
Schleicher, Paul E.
- Cohn, Selma L., and F. A. Orlewitz, New York, N. Y. Garment hanger support. 2,672,241, Mar. 16.
- Cohn, Sidney B., assignor to The Sperry Corporation. 2,677,054, Cl. 250—27.
- Cohn, Simon: *See*—
Annis, Richard R., Cohn, and Haselkorn.
- Cohn, William. 2,695,106, Cl. 211—38.
- Coheur, Pierre, assignee: *See*—
Daubersy, Jean.
- Cohn, Morris I., to Elastic Colloid Research Corp. 2,697,699, Cl. 260—41.5.
- Cohn, Seymour B., Flushing, N. Y., assignor to The Sperry Corporation. Wave energy polarization converter. 2,668,191, Feb. 2.
- Cohn, Seymour B., to The Sperry Corp. 2,692,984, Cl. 343—5.
- Coin Counters Corporation, assignee: *See*—
Sheldon, Butler, Jr. 2,678,525.
- Coit, Burton C., Jr., assignor to Tri-State Engineering Company, Washington, Pa. Crate for use with lift-fork trucks. 2,666,552, Jan. 19.
- Coit, Burton C., Jr., Pittsburgh, assignor to Tri-State Engineering Company, Washington, Pa. Combined crate and pallet structure. 2,667,319, Jan. 26.
- Coit, Burton C., Jr., assignor to Tri-State Engineering Company, Washington, Pa. Container. 2,669,373, Feb. 16.
- Coit, Vernon E. 2,690,908, Cl. 268—59.
- Colacello, Michael A.: *See*—
Johnson, Edward O., Curtis, and Colacello. 2,679,016.
- Colbert, Jeremiah J. 2,674,954, Cl. 103—150.
- Colbert, Marlene M. 2,676,597, Cl. 132—73.
- Colbert, William H., W. L. Morgan, and A. R. Weinrich, assignors to Libbey-Owens-Ford Glass Company. 2,676,117, Cl. 117—71.
- Colborne Manufacturing Co., assignee: *See*—
Smith, Dennis W.
- Colburn, Beal E. and L. 2,692,504, Cl. 74—2.
- Colburn, Lee: *See*—
Colburn, Beal E. and L. 2,692,504.
- Colby, Anita, Beauty Chair, Inc.: *See*—
Counihan, Anita C. 2,690,209.
- Colby, Norman C., Mount Holly, N. J., assignor to Radio Corporation of America. Cavity resonator circuit. 2,671,870, Mar. 9.
- Colby Steel & Manufacturing, Inc., assignee: *See*—
Senn, Arthur L. 2,677,141.
- Colclesser, Lorren E., assignor to Mercil Plating Equipment Company, Chicago, Ill. Rotatable work holder for electroplating apparatus. 2,673,076, Mar. 23.
- Cole, Bradford H.: *See*—
Sherman, Vernon C., and Cole.
- Cole, Byron M., assignor to Packard-Bell Company. 2,676,201, Cl. 178—5.4.
- Cole, Clyde C., to Ford Motor Co. 2,685,243, Cl. 97—189.
- Cole, Frederick A. 2,694,798, Cl. 339—126.
- Cole, Harry C. 2,686,041, Cl. 256—18.
- Cole, Howard W., Jr. 2,683,224, Cl. 290—52.
- Cole, James D. 2,691,886, Cl. 73—94.
- Cole, Joseph, Whiting, Ind., and J. Krawetz, Evanston, Ill. Apparatus for testing oils for gum, varnish, sludge, and corrosion. 2,669,865, Feb. 23.
- Cole, Louis W., to Federal Electric Products Co. 2,692,926, Cl. 200—88.
- Cole, Melvin B., assignor to Federal Electric Products Company. 2,680,533, Cl. 220—18.
- Cole, Melvin B., to Federal Electric Products Co. 2,681,400, Cl. 219—4.
- Cole, Norman W. 2,694,647, Cl. 117—22.
- Cole, Percy J.: *See*—
Joseph, Robert T., and Cole. 2,697,117.
- Cole, Quintin P., and J. C. Caprino, to General Electric Co. 2,698,333, Cl. 260—448.2.
- Cole, Raymond S., assignor to Electrical Engineering and Manufacturing Corporation. 2,675,098, Cl. 184—102.
- Cole, Reginald A. L., and A. V. Krause, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electron gun for cathode-ray tubes. 2,672,568, Mar. 16.
- Cole, Richard F.: *See*—
Sisson, Edmond F., Cole, and Krumbein. 2,688,590.
- Cole, Thomas M., Harrison, N. Y., assignor to Federal Electric Products Company, Newark, N. J. Circuit breaker with adjustable thermal and magnetic controls. 2,673,264, Mar. 23.
- Cole, Thomas M., to Federal Electric Products Co. 2,685,009, Cl. 200—88.
- Cole, Thomas M., to Federal Electric Products Co. 2,689,286, Cl. 200—116.
- Cole, Thomas M., and P. M. Christensen, to Federal Electric Products Co. 2,681,396, Cl. 200—116.
- Cole, Thomas M., and W. H. Lantz, Jr., to Federal Electric Products Co. 2,684,417, Cl. 200—144.
- Cole, William F. 2,685,739, Cl. 33—1.
- Coleman, Abraham I., Baltimore, Md. Self-adjusting window shade bracket. 2,669,410, Feb. 16.
- Coleman, Albert T. 2,682,067, Cl. 15—29.
- Coleman, Bernard F., and C. H. Herr, Jr., to Allis-Chalmers Mfg. Co. 2,683,606, Cl. 279—1.
- Coleman, Carl S., Claremore, Okla. Brushless eraser cleaning machine. 2,666,942, Jan. 26.
- Coleman Co., Inc., The: *See*—
Jones, Tillman F. 2,685,306.
McCutchen, John E. 2,685,335.
Redmond, John M., Jr. 2,681,000.
Redmond, John M., Jr. 2,685,245.
St. John, Roscoe N. 2,681,102.
- Coleman, Donald R.: *See*—
Jackson, Donald, and Coleman. 2,681,947.
- Coleman, Elmer W., Jr.: *See*—
Alstadt, Donald M., and Coleman.
- Coleman, Gerald H., and D. B. McCaskey, to The Dow Chemical Co. 2,688,637, Cl. 260—562.
- Coleman, Gordon A., assignor to Allied Chemical & Dye Corporation. 2,680,680, Cl. 71—37.
- Coleman, Gordon A., and L. T. Sutherland, assignors to Allied Chemical & Dye Corporation. 2,674,589, Cl. 260—57.
- Coleman Instruments, Inc.: *See*—
Staunton, John J. J. 2,689,330.
- Coleman, John H., to Radiation Research Corp. 2,696,563, Cl. 250—83.3.
- Coleman, Kenneth R., to Taylor, Taylor & Hobson Ltd. 2,687,063, Cl. 88—57.
- Coleman, Lester F.: *See*—
Casler, John A., Smith, Coleman, and Levenson. 2,693,705.
- Coleman, Ralph M., J. R. Ballentine, and W. H. McDill. 2,675,642, Cl. 46—86.
- Coleman, Reginald L. 2,687,550, Cl. 17—11.
- Coleman, Robert B., Jr., and E. F. Kingsbury, to Bell Telephone Laboratories, Inc. 2,693,734, Cl. 88—1.
- Coleman, Robert S., Burton-on-Trent, England. Conveyor control apparatus. 2,667,957, Feb. 2.
- Coleman, Robert S. 2,690,250, Cl. 198—21.
- Coleman, Roy A., and A. P. Watters. 2,693,970, Cl. 280—512.
- Coleman, Sidney: *See*—
Brody, David, and Coleman. 2,676,348.
- Coler, Myron A.: *See*—
Gottschall, Herbert A. 2,684,397.
Rosenthal, Louis A. 2,680,177.
- Coler, Myron A. 2,683,669, Cl. 106—193.
- Coley, Nelson B., and R. F. Albrighton, assignors to General Railway Signal Company. 2,678,437, Cl. 343—6.
- Colfax Associates: *See*—
Kusiv, James J. 2,690,318.
- Colgan, George T., Bridgeport, Conn. Washcloth provided with pockets for a hand of the user and a cake of soap. 2,668,309, Feb. 9.
- Colgate-Palmolive Co.: *See*—
Alsop, William G. 2,684,971.
Andrews, Herbert W., Carpenter, and Houlton. Brady, Robert F. 2,687,420.
Egan, William T.
Egan, William T., McGhie, Schneider, and Sweet. Fox, Arthur L., and Anderson. 2,678,901.
Gebhart, Arthur I., and Kreams. 2,692,235.
Henkin, Hyman. 2,674,580.
King, William J. 2,689,170.
Kirschenbauer, Hans G. 2,682,549.
Kline, William A., Monick, and Tarika. Kreams, Irving J. 2,687,379.
Kreams, Irving J. 2,692,237.
Kreams, Irving J., and Goldsmith. 2,684,969.
Ledgett, Lowell A. 2,690,446.
McNeill, Oxford D.
Mehaffey, Robert J. 2,678,902.
Mitchell, Joseph E., and Trent. 2,694,086.
Ross, John. 2,682,509.
Ross, John. 2,679,482.
Ross, John. 2,693,479.

- Colgate-Palmolive Co.: *See*—Continued.
 Schneider, Frederick W.
 Scott, James M., and Danielius. 2,696,284.
 Sweet, Warren W., and Mead. 2,692,236.
 Sylvester, Herbert S. 2,698,302.
 Turck, Joseph A. V., Jr. 2,678,921.
 Trusler, Frederick W.
 Vitale, Peter T., and Leonard. Re. 23,840.
- Colgren, Carl T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Package of stacked receptacles. 2,672,981, Mar. 23.
- Colin, Louis. 2,693,985, Cl. 301—47.
- Collingsworth, Donald R., to The Upjohn Co. 2,686,753, Cl. 195—96.
- Collar, Frank R., and E. D. Grizzard, Los Angeles, assignors to Adams Rite Manufacturing Company, Glendale, Calif. Door lock. 2,666,321, Jan. 19.
- Collar, Frank R., Los Angeles, and J. C. Mitchell, La Crescenta, assignors to Adams Rite Manufacturing Company, Glendale, Calif. Latch mechanism. 2,668,073, Feb. 2.
- Collard, John, assignor to Electric & Musical Industries Limited. 2,675,524, Cl. 333—98.
- Collett, Ray T. 2,681,499, Cl. 29—76.
- Collett-Week Corporation, assignee: *See*—
 Myhre, Johan. 2,676,136.
- Colley, Arthur R., Birmingham, Ala. Safety brake system. 2,664,973, Jan. 5.
- Collier, Donald W., to The Sharples Corp. 2,697,724, Cl. 260—527.
- Collier, George H., Cuyahoga Falls, Ohio, assignor, by mesne assignments, to The Goodyear Tire & Rubber Company. Wheel and brake combination. 2,672,220, Mar. 16.
- Collier, Henry O. J.: *See*—
 Campbell, Norman R., Fitzgerald, and Collier.
- Collier, Herbert P., Jr., assignor to Titmus Optical Company, Inc. 2,677,634, Cl. 154—125.
- Collier, John R. 2,675,556, Cl. 2—108.
- Collier, Perceval G.: *See*—
 Terry, Victor J., Dunn, and Collier. 2,694,802.
- Collin, Fredrik C., to Elektrokemisk A/S. 2,694,097, Cl. 13—23.
- Colling, Charles E.: *See*—
 Sherman, Wilbur G., and Colling.
- Collins & Aikman Corporation, assignee: *See*—
 Keen, William R.
- Collins, Arthur R., F. A. Ryder, and R. D. Randall, to Stewart-Warner Corp. 2,691,710, Cl. 200—137.
- Collins, Douglas. 2,685,651, Cl. 290—28.
- Collins, Douglas, and G. R. Ericson. 2,685,650, Cl. 290—28.
- Collins, Edgar G., Birmingham, Ala. Rotary pump. 2,670,690, Mar. 2.
- Collins, Edward J., Westwood, J. L. Collins, Santa Monica, and C. O. Bruner, South Pasadena, Calif. Game device. 2,673,637, Mar. 30.
- Collins, Ernest H., Kelso, assignor to Weyerhaeuser Timber Company, Longview, Wash. Method and apparatus for measuring moisture content. 2,666,897, Jan. 19.
- Collins, Foss P. 2,697,841, Cl. 4—228.
- Collins, Francis N., Washington, D. C. Cleaning apparatus. 2,666,440, Jan. 19.
- Collins, Frank D. 2,676,339, Cl. 5—236.
- Collins, H. L., assignee: *See*—
 Fowler, Alvah W.
- Collins, Harry E.: *See*—
 Livermont, Frank W., Collins and Gresham. 2,688,181.
 Livermont, Frank W., Collins, and Gresham. 2,688,297.
- Collins, Harry J., assignor to David White Company, Milwaukee, Wis. Stereoscopic viewer. 2,666,359, Jan. 19.
- Collins, Harry J., assignor to David White Company, Milwaukee, Wis. Stereoscopic viewer. 2,666,360, Jan. 19.
- Collins, Howard A.: *See*—
 Burger, William H., Collins, and Ruth. 2,688,163.
 Greiner, Charles J., Graef, Collins, Burger, and Sabee. 2,690,597.
- Collins, James L.: *See*—
 Collins, Edward J. and J. L., and Bruner.
- Collins, James M.: *See*—
 Geister, Carl H., and Collins. 2,686,764.
- Collins, James W., and H. G. Murphy. 2,677,764, Cl. 250—33.
- Collins, James W., and H. G. Murphy. 2,677,765, Cl. 250—33.
- Collins Radio Co.: *See*—
 Black, Robert J., and Corbell. 2,685,045.
 Clark, John W. 2,675,222.
 Cox, Robert T.
 Cox, Robert T. 2,685,032.
 De Long, Vincent R.
 Doelz, Melvin L. 2,676,245.
 Doelz, Melvin L. 2,679,006.
 Doelz, Melvin L. 2,693,579.
 Everhart, Thomas H. 2,678,963.
 Fisher, Glen E. 2,675,986.
 Hollis, James L. 2,691,141.
 Kohl, Walter H. 2,674,788.
 Kohl, Walter H. 2,693,544.
 Lippisch, Alexander M. 2,693,325.
- Collins Radio Co.: *See*—Continued.
 Lippisch, Alexander M. 2,696,953.
 Lucking, Walter C., and Owen. 2,693,510.
 McCreary, Ralph L. 2,685,071.
 Noe, William J. 2,684,538.
 Ocnaschek, Frank J.
 Pappenfus, Ernest W., and Craiglow. 2,678,966.
 Passman, Harry M. 2,690,682.
 Peterson, Wesley D. 2,693,580.
 Ringoen, Richard. 2,698,433.
 Ringoen, Richard M.
 Salisbury, Winfield W.
 Salisbury, Winfield W. 2,688,107.
 Salisbury, Winfield W. 2,691,118.
 Schuster, Harry. 2,698,387.
 Schwittek, Elmer W. 2,682,035.
 Sherwood, John R. 2,698,409.
 Sherwood, John R., and Morrison. 2,691,132.
 Skar, Robert C. 2,693,582.
 Thompson, Noel J. 2,697,207.
 Umina, Francis R. 2,691,059.
 Vanous, Joseph A.
 Wallace, Frank C. 2,690,803.
 Ward, Curtis E.
 Weber, David W. 2,691,081.
 Williams, Winston F., and Phillips.
 Wulfsberg, Arthur H., and Schweighofer. 2,676,289.
- Collins, Ralph B., Jr., to Sylvania Electric Products Inc. 2,697,805, Cl. 317—236.
- Collins, Robert F. 2,675,116, Cl. 198—9.
- Collins, Samuel C., Watertown, Mass., assignor to Joy Manufacturing Company, Pittsburgh, Pa. Method and apparatus for the separation of gases. 2,667,043, Jan. 23.
- Collins, Samuel C., Watertown, Mass., assignor to Joy Manufacturing Company, Pittsburgh, Pa. Apparatus for and method of separating gases. 2,667,044, Jan. 26.
- Collins, Samuel C., assignor, by mesne assignments, to Arthur D. Little, Inc. 2,680,357, Cl. 62—175.5.
- Collins, Samuel C., to Joy Mfg. Co. 2,685,174, Cl. 62—2.
- Collins, Samuel C., to Joy Mfg. Co. 2,685,182, Cl. 62—123.
- Collins, Samuel C., to Joy Mfg. Co. 2,685,183, Cl. 62—123.
- Collins, Samuel C., to Joy Mfg. Co. 2,698,211, Cl. 309—23.
- Collins, Samuel C., Watertown, Mass., W. W. Paget, Michigan City, Ind., and L. Tyree, Chicago, Ill., assignors to Joy Manufacturing Company, Pittsburgh, Pa. Oxygen purity improvement method and apparatus. 2,671,318, Mar. 9.
- Collins, Samuel V. 2,678,017, Cl. 114—43.5.
- Collins, Solomon M., Detroit, Mich. Folding closure. 2,667,218, Jan. 26.
- Collins, Tappan, to National Steel Corp. 2,685,354, Cl. 189—37.
- Collins, Whitney, assignor to Continental Aviation & Engineering Corporation. 2,677,232, Cl. 60—35.6.
- Collins, William J. W., New York, N. Y. Protective signal device. 2,669,705, Feb. 16.
- Collinson, Eric S., to Joseph Lucas Ltd. 2,690,213, Cl. 158—1.5.
- Collinson, Frederick B., assignor to Collinson's Patents Limited. 2,679,291, Cl. 164—19.
- Collinson, Richard F., Romford, assignor to Colvern Limited, Romford, Essex, England. Variable electrical impedance components. 2,671,842, Mar. 9.
- Collinson's Patents Limited, assignee: *See*—
 Collinson, Frederick B. 2,679,291.
- Collis, Raymond E.: *See*—
 Carpenter, Warren W., and Collis. 2,688,658.
- Collison, John G., deceased, by M. B. Collison, administratrix. 2,682,265, Cl. 128—92.
- Collison, Marie B.: *See*—
 Collison, John G. 2,682,265.
- Colloid Chemical Laboratories, Inc., assignee: *See*—
 Armitage, Clifford F.
- Collura, Francesco, New York, N. Y., assignor to American Optical Company, Southbridge, Mass. Adjustable chair. 2,672,917, Mar. 23.
- Collyer, John E., Coventry, and E. P. Fairbairn, Copsewood, Coventry, assignors to The General Electric Company Limited, London, England. Radio telephone system. 2,665,375, Jan. 5.
- Colman, Benjamin W., Berkley, assignor to Pakko Laboratories, Inc., Detroit, Mich. Photographic diazotype developing composition. 2,671,728, Mar. 9.
- Colman, Benjamin W., Berkley, assignor, by mesne assignments, to Top-Pop Products Company, Detroit, Mich. Popcorn package. 2,673,805, Mar. 30.
- Colman, Benjamin W., Berkley, assignor, by mesne assignments, to Top-Pop Products Company, Detroit, Mich. Popcorn package. 2,673,806, Mar. 30.
- Colmerauer, Andrew J., $\frac{1}{2}$ to L. T. Langer. 2,690,783, Cl. 153—81.
- Colmerauer, Andrew J., and L. T. Langer. 2,696,264, Cl. 166—235.
- Colmol Co., The: *See*—
 Hill, James M. 2,696,359.
 Snyder, Clifford H., Lamm, Carothers, and McCarthy. 2,694,562.
- Coloma, Helodoro S. 2,685,934, Cl. 180—1.
- Colomb, Gracie H. 2,680,355, Cl. 62—140.
- Colombo, Roberto, to Lavorazione Materie Plastiche (L. M. P.) di M. I. Colombo & C.-Societa in Accomandita Simplic. 2,687,553, Cl. 18—13.

- Colombu, Eugène : *See*—
Karlen, Hermann, and Colombu.
- Colonial Broach Company, assignee : *See*—
Gotberg, Harry H.
- Colonial Sugar Refining Company Limited, The, assignee : *See*—
Howarth, Peter F. W. 2,677,667.
- Colonna, Jerome J. 2,682,985, Cl. 226—84.
- Color Television, Inc. : *See*—
Sleeper, George E., Jr. 2,698,355.
- Colour Separation Techniques, Inc. : *See*—
Sportelli, Frank A. 2,692,825.
- Colovos, George C., to The Upjohn Co. 2,684,322, Cl. 167—81.
- Colpo, Jesse, Orchard Park, N. Y. Tractor-semitrailer coupling device. 2,667,364, Jan. 26.
- Colpo, Jesse, Orchard Park, N. Y. Tractor trailer connection device. 2,670,220, Feb. 23.
- Colquitt, Odie, to The Winter-Weiss Co. 2,682,388, Cl. 255—61.
- Colson, Clem B. 2,675,567, Cl. 5—310.
- Colson Corp., The : *See*—
Burr, Lester H. 2,685,147.
Glass, Joseph E. 2,675,057.
Pehrsson, Sven J.
- Colstad, Charles N., to M. F. Le Clercq, as administratrix of the estate of R. G. Le Clerc, deceased. 2,689,576, Cl. 134—58.
- Colt, Edwin W., to L. Peters. 2,689,183, Cl. 99—171.
- Coltman, John W. : *See*—
Mason, Ruric C., Coltman, Hunter, and Longini. 2,681,868.
- Colton, Frank B., assignor to G. D. Searle & Co., Chicago, Ill. 17-glycyl-estradiols. 2,666,769, Jan. 19.
- Colton, Frank B., to G. D. Searle & Co. 2,691,028, Cl. 260—397.5.
- Colton, Frank B., and J. W. Ralls, to G. D. Searle & Co. 2,694,080, Cl. 260—397.45.
- Colton, Ralph F., assignor to Dry-Freeze Corporation, Chicago, Ill. Drying of materials by infrared radiation. 2,668,364, Feb. 9.
- Colton, Roger B., E. Labin, and G. A. Deschamps, New York, N. Y., assignors to Federal Telecommunication Laboratories, Incorporated, Nutley, N. J. Two-way communication system. 2,666,845, Jan. 19.
- Colton, Roland J., Port Washington, N. Y. Combination nail driver and set. 2,672,610, Mar. 23.
- Colt's Mfg. Co. : *See*—
Oberem, William C. 2,696,769.
- Columbia Broadcasting System, Inc. : *See*—
Bachman, William S. 2,676,806.
Fyler, Norman F., and Rowe. 2,690,518.
Goldmark, Peter C. 2,676,807.
Goldmark, Peter C., and Snepvangers. 2,681,388.
Hollywood, John M. 2,689,880.
Sokolov, David A.
- Columbia Cable & Electric Corp. : *See*—
Marantz, Israel H. 2,683,436.
- Columbia Products Co. : *See*—
Scott, Arthur L. 2,681,081.
- Columbia Ribbon & Carbon Mfg. Co., Inc. : *See*—
Newman, Douglas A., and Schlotzhauer. 2,696,783.
- Columbian Carbon Company, assignee : *See*—
Lichtenfels, Merle F.
Sweetzer, Carl W. 2,680,061.
- Columbia-Southern Chemical Corp. : *See*—
Bissinger, William E. 2,692,900.
Dial, William R. 2,684,381.
Pechukas, Alphonse. 2,684,380.
Pechukas, Alphonse. 2,692,869.
Pechukas, Alphonse. 2,692,870.
Pechukas, Alphonse. 2,692,871.
Rahn, Henry W.
Stevens, Henry C., and Kung. 2,680,109.
Witman, Eugene D. 2,695,225.
- Columbus Auto Parts Company, The, assignee : *See*—
Klages, Reynold E. 2,678,841.
- Columbus McKinnon Chain Corp. : *See*—
Parker, Humphrey F. 2,695,086.
Richards, Sherman L., and Devonshire.
Robins, Erford E., and Parker.
Robins, Erford E., and Parker. 2,681,204.
- Columbus Plastic Products, Inc. : *See*—
Roop, Nathan W.
Roop, Nathan W. 2,695,115.
- Colvern Limited, assignee : *See*—
Collinson, Richard F.
- Colvilles Ltd. : *See*—
Glen, John. 2,693,412.
- Colvin, Cecil M. : *See*—
Rood, William E., Jr., and Colvin.
- Colvin, William L., Saratoga, assignor to Pacific Can Company, San Francisco, Calif. Can opening key. 2,685,821, Jan. 12.
- Coly, Robert R. : *See*—
Martin, Harold W., and Coly. 2,693,522.
- Colyvas, Costantine N. 2,685,081, Cl. 340—268.
- Combust, Clark V. 2,688,069, Cl. 219—38.
- Combined Locks Paper Co., assignee : *See*—
Cram, Hervey G. 2,679,193.
- Combined Metals Reduction Co. : *See*—
Klepetchko, Ernest, and Kaye. 2,689,176.
Marquardt, Carlton M.
- Combs, Melville, to Vitreous Steel Products Co. 2,686,131, Cl. 106—48.
- Combustion Control Corporation, assignee : *See*—
Anderson, Norman C., Bredesen, and Cade. 2,674,677.
MacDougall, Donald J.
- Combustion Engineering, Inc. : *See*—
Armecost, Wilbur H. 2,687,096.
Armecost, Wilbur H. 2,695,599.
Armecost, Wilbur H. 2,697,422.
Blaskowski, Henry J. 2,685,280.
Caracristi, Virginus Z. 2,685,279.
Crites, Joe.
Crites, Joe. 2,697,408.
Crites, Joe, Bogot, and Andresen. 2,698,142.
Epley, Frederic I. 2,677,354.
Henkel, Erich W. 2,679,831.
Huet, André.
Huet, André. 2,689,596.
Nalven, Robert M. 2,697,421.
Powell, Elmo M.
Witzke, Ernest C., Wehmeyer, and Brown. 2,694,385.
- Combustion Processes Co. : *See*—
Urquhart, Norman J. 2,690,390.
- Comeaux, George T. : *See*—
Hutchins, James E., Jr., and Comeaux.
- Comeforo, Jay E. : *See*—
Hatch, Robert A., and Comeforo. 2,675,853.
- Comer, Horace E. : *See*—
Andrews, Harry E., Comer, and Brown. 2,684,751.
- Comer, Thomas F. : *See*—
Greer, Edward M., and Comer. 2,688,981.
- Comey, Charles S. : *See*—
Saxton, Millard F., and Comey. 2,686,071.
- Comiskey, Anthony T., Sr. 2,675,266, Cl. 296—78.1.
- Commerce, United States of America as represented by the Secretary of : *See*—
Carpenter, Frank G., and Deitz. 2,693,706.
Daniels, Howard L., and Hogan. 2,679,035.
Perls, Thomas A. 2,690,469.
Roberts, Elliott B. 2,688,250.
Sulzer, Peter G. 2,680,830.
- Commercial Controls Corporation, assignee : *See*—
Uhl, William H.
- Commercial Solvents Corp. : *See*—
Bennett, Ralph E. 2,681,881.
Brodhacker, John W.
Brown, Weldon G. 2,692,282.
Bull, Willard C. 2,686,811.
Eldred, Earl J., and Johnson.
Felsenfeld, Oscar. 2,676,134.
Giachino, Marcello T. 2,677,706.
Hickey, Richard J.
Hodge, Edward B. 2,681,934.
Johnson, Arnold N.
Johnson, Arnold N. 2,692,889.
Kharasch, Norman, and Cameron.
Mast, George W. 2,692,845.
Nager, Urs F.
Schwartz, Anthony M.
Tryon, Philip F.
Wehrmeister, Herbert L. 2,686,749.
- Commonwealth Engineering Co. of Ohio, The : *See*—
Bench, David E. 2,679,936.
Benschmidt, Newton H., and Pattinson. 2,685,783.
Crosby, Melvin A. 2,682,710.
Davis, Oliver F., and Belitz. 2,685,121.
Deniston, George L. 2,674,517.
Deniston, George L. 2,676,932.
Deniston, George L. 2,687,111.
Erickson, Leonard A. 2,674,231.
Ernst, Walter.
Ernst, Walter. 2,680,191.
Ernst, Walter. 2,681,620.
Ernst, Walter. 2,691,354.
Ernst, Walter. 2,696,779.
Fink, Albert O. 2,682,702.
Hiler, Malvern J.
Nack, Herman. 2,685,535.
Pawlyk, Peter. 2,685,532.
Pawlyk, Peter. 2,694,377.
Pawlyk, Peter. 2,694,651.
Stoycos, George S. 2,687,368.
Stoycos, George S. 2,694,670.
Toulmin, Harry A., Jr.
Toulmin, Harry A., Jr. 2,680,449.
Toulmin, Harry A., Jr. 2,685,124.
Toulmin, Harry A., Jr. 2,689,374.
Wenzelberger, Elwood P. 2,676,469.
- Commonwealth Scientific and Industrial Research Organization : *See*—
Hollway, David L., and Thompson.
Lipson, Menzie, and Jackson. 2,689,193.
- Compagnie des Metaux d'Overpelt-Lommel et de Corphalie S. A., assignee : *See*—
Fassotte, Adolphe D. H. L.
- Compagnie Française de Raffinage (Société Anonyme) : *See*—
Woog, Paul.
Woog, Paul. 2,689,627.
- Compagnie Française des Matières Colorantes S. A. R. L., assignee : *See*—
Petitcolas, Pierre, Richard, Sureau, Roe, and Develotte. 2,675,374.

- Compagnie Generale d'Electricite: *See*—
 Boiteux, Pierre. 2,675,985.
 Bourseau, Jean, and Comte. 2,696,531.
 Domenach, Louis, and Macardier.
 Guelpa, Jean P.
 Lesigne, Henri L.
 Macardier, Louis P. 2,689,878.
- Compagnie Generale de Geophysique (C. G. G.): *See*—
 Geneslay, Raymond H. J. 2,690,512.
- Compagnie Generale de Metrologie (Societe a Responsabilite Limitee), assignee: *See*—
 Friedrichs, Georges.
- Compagnie Generale de Telegraphie Sans Fil: *See*—
 Bernier, Jean. 2,688,106.
 Berterottiere, René. 2,682,011.
 Bleuze, Jacques. 2,682,013.
 Calis, Jean. 2,695,241.
 Cauchois, Jean. 2,695,995.
 Charles, Daniel. 2,694,783.
 Danzin, André, and Dussaussoy. 2,677,920.
 Day, Jean. 2,689,186.
 Döhler, Oscar, and Lerbs. 2,680,823.
 Doehler, Oskar. 2,689,887.
 Guenard, Pierre, and Covert. 2,680,811.
 Reverdin, Daniel. 2,695,929.
 Soyck, Werner. 2,689,185.
 Warnecke, Robert, Bernier, Guénard, and Kleen. 2,687,777.
 Warnecke, Robert, and Charles. 2,680,825.
 Warnecke, Robert, and Kleen. 2,681,951.
- Compagnie Horlogere "Ultra," *See*—
 Langel, Gérard. 2,696,073.
- Compagnie Industrielle des Piles Electriques Cipel, assignee: *See*—
 Portail, Fernand. 2,675,490.
- Compagnie Industrielle des Telephones: *See*—
 Leroy, Robert P. 2,696,591.
- Compagnie Internationale des Pleux Armés Frankignoul, Société Anonyme: *See*—
 Pickman, Edgard. 2,684,576.
- Compagnie pour la Fabrication des Compteurs et Material d'Usines a Gaz, assignee: *See*—
 Dubusc, Roger P.
- Compagnie Radio Cinema: *See*—
 Mathieu, Frédéric C. 2,686,894.
- Companhia Portuguesa Rádio Marconi, S. A. R. L., assignee: *See*—
 Filipowsky, Richard F. J. 2,676,202.
- Compania Uruguaya de Fomento Industrial S. A., assignee: *See*—
 Fehling, Hans R.
- Company, Alvaro. 2,680,986, Cl. 84—1.15.
- Compare, Renato, assignor to International Standard Electric Corporation. 2,678,436, Cl. 340—401.
- Comploier, Frank C., to The Hollinger Corp. 2,690,283, Cl. 224—46.
- Compo Shoe Machinery Corp.: *See*—
 Small, Edward F. 2,686,924.
- Comptoir Industriel d'Etirage et Profilage de Metaux, assignee: *See*—
 Heintze, René, and Delcroix. 2,675,915.
- Compton, James A.: *See*—
 Lauck, John A., and Compton.
 Lauck, John A., and Compton. 2,694,980.
- Compton, James A., to Borg-Warner Corp. 2,695,566, Cl. 103—126.
- Compton, James A., to Borg-Warner Corp. 2,696,172, Cl. 103—126.
- Compton, John D., New Castle County, assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Manufacturing copper phthalocyanine. 2,668,171, Feb. 2.
- Compton, Justin S., to The National Cash Register Co. 2,695,245, Cl. 117—15.
- Compu Corp., The: *See*—
 Lockhart, Marshall L.
 Lockhart, Marshall L. 2,688,325.
 Lockhart, Marshall L. 2,689,566.
 Lockhart, Marshall L. 2,693,183.
 Lockhart, Marshall L. 2,693,184.
 Lockhart, Marshall L. 2,693,185.
 Lockhart, Marshall L. 2,695,614.
- Computer Research Corporation of California, assignee: *See*—
 Wilson, Bernard T.
- Comstock, Alfred E. 2,697,918, Cl. 62—106.
- Comstock, George E., 3rd, to Norton Co. 2,681,944, Cl. 13—25.
- Comstock, George E., 3d, and G. Crompton, Jr., to Norton Co. 2,695,478, Cl. 51—72.
- Comstock, Leslie H. 2,690,226, Cl. 166—145.
- Comstock, Rock L., Weeks, La., assignor to Morton Salt Company, Chicago, Ill. Drying calcium chloride and product produced thereby. 2,671,009, Mar. 2.
- Comte, Georges: *See*—
 Bourseau, Jean, and Comte. 2,696,531.
- Conant, Louis A., to Union Carbide and Carbon Corp. 2,695,945, Cl. 219—8.
- Conant, Louis A., to Union Carbide and Carbon Corp. 2,695,946, Cl. 219—8.
- Conant, Russell W., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Masking of photographic color film. 2,673,150, Mar. 23.
- Conbere, John P., Plainfield, assignor to Merck & Co., Inc., Rahway, N. J. Steroid pyridinium salts. 2,665,274, Jan. 5.
- Concrete Products Co. of America: *See*—
 Petersen, Robert P. 2,689,999.
- Concrete Saw Company, assignee: *See*—
 Coates, Neligh C.
- Conde, Lyall T. 2,674,953, Cl. 103—135.
- Conde, Lyall T. 2,675,821, Cl. 137—103.
- Condello, Vincent: *See*—
 De Padova, Pasquale A., and Condello. 2,680,433.
- Conder, Christopher F., and W. R. Elliott. 2,696,694, Cl. 43—42.48.
- Condo, Fred E., and H. A. Newey, assignors to Shell Development Company. 2,674,585, Cl. 260—23.
- Condo, Fred E., and J. R. Vinograd, assignors to Shell Development Company. 2,674,593, Cl. 260—92.8.
- Condon, Francis B., Bartlesville, Okla., assignor to Phillips Petroleum Company. Olefin isomerization. 2,666,798, Jan. 19.
- Condon, Francis H., to Borg-Warner Corp. 2,681,469, Cl. 16—116.
- Condon, Raymond J., to Minneapolis-Honeywell Regulator Co. Re. 23,844, Cl. 73—304.
- Condra, Elmo L., Long Beach, Calif. Retrievable cementing plug. 2,669,305, Feb. 16.
- Condran, James M.: *See*—
 Baireuther, Edward J., Condran, and Rochwite. 2,694,339.
- Cone Automatic Machine Co. Inc.: *See*—
 Brown, Roger W.
 Brown, Roger W. 2,690,692.
 Miller, Carroll E.
 Miller, Carroll E. 2,696,897.
 Ranney, Herbert H. 2,690,691.
 Rice, Melvin F. 2,690,608.
- Cone, Carroll, to Surface Combustion Corp. 2,694,157, Cl. 310—58.
- Cone, John H., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Structure and preparing same for railroad crossings. 2,672,295, Mar. 16.
- Cone, Joseph H., to Casco Products Corp. 2,682,719, Cl. 38—77.
- Cone, Joseph H., to Casco Products Corp. 2,686,984, Cl. 38—77.
- Cone, Joseph H., to Casco Products Corp. 2,692,938, Cl. 240—2.
- Cone, Joseph H., to Casco Products Corp. 2,695,957, Cl. 250—33.
- Cone, Richard E., assignor to The McBee Company. 2,675,619, Cl. 33—76.
- Conery, William J., to The F. E. Myers & Bro. Co. 2,691,346, Cl. 103—5.
- Congdon, William J., Hopewell, and C. F. Weston, Prince George County, Va., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Purification of waste gases containing chlorine by treatment with an alkaline nitrite solution to effect removal of the chlorine constituent therefrom. 2,665,190, Jan. 5.
- Congdon, William J., Hopewell, and S. W. Grossmann, Petersburg, Va., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Chlorine from HCl. 2,665,195, Jan. 5.
- Congoleum-Nairn, Inc.: *See*—
 Benedict, Walter E., Dobry, and Kelly. 2,694,831.
- Coninx, William A. 2,690,577, Cl. 15—21.
- Conison, Joseph, to The Fluor Corp. Ltd. 2,697,587, Cl. 257—2.
- Conkle, Charles J., to The Homer Laughlin China Co. 2,692,552, Cl. 101—115.
- Conklin, Robert M., and A. Scharf, assignors, by mesne assignments, to Schlage Lock Company. 2,675,577, Cl. 16—52.
- Conkling, William C., assignor to Richmond Manufacturing Company. 2,677,462, Cl. 209—403.
- Conley, Alvin M., Los Angeles, Calif. Hydraulic elevator descent control valve. 2,664,916, Jan. 5.
- Conley, Charles C., to Honan-Crane Corp. 2,696,914, Cl. 210—112.
- Conley, George D., Sweetwater, Tex. Beer can punch. 2,664,623, Jan. 5.
- Conley, Herbert J., Jr., Boston, Mass. Device to hold articles. 2,672,240, Mar. 16.
- Conley, John P.: *See*—
 McGowan, Frank L., and Conley. 2,684,338.
- Conley, Joseph M.: *See*—
 Pressey, Donald E., and Conley.
- Conley, Thomas A., to American Optical Co. 2,692,712, Cl. 224—5.
- Conlogue, James: *See*—
 McDonald, Edwin P., and Conlogue.
- Conly, James C., assignor to Douglas Aircraft Company, Inc. 2,678,953, Cl. 260—653.
- Conmar Products Corp.: *See*—
 Prupis, Robert L., and Bashover. 2,697,227.
 Ulrich, Frederick. 2,694,243.
- Conn, C. G., Ltd.: *See*—
 Kent, Earle L. 2,697,959.
- Conn, Leroy J. 2,692,127, Cl. 259—134.
- Connecticut Bank and Trust Co.: *See*—
 Montgomery, Donald H. 2,697,257.

- Connecticut Hard Rubber Co., The: *See*—
Humphrey, Bingham J., and Wasserman.
Panagrossi, Ahmed, 2,685,459.
Pfenninger, Arnold, Jr., and Calistro, 2,674,505.
- Connecticut Variable Gear Corporation, The, assignee:
See—
Morgan, Porter S. 2,675,898.
- Connell, Evan S., Jr., Santa Cruz, Calif. Bicycle attached to machine gun. 2,667,720, Feb. 2.
- Connell, George A.: *See*—
O'Brien, Patrick J., and Connell, 2,690,387.
- Connell, John M., assignor to Native Footwear, Inc. 2,678,456, Cl. 12—146.
- Connell, Lawrence H. 2,690,882, Cl. 242—54.
- Connell, Lawrence H. 2,694,754, Cl. 179—100.2.
- Connell, Ralph, Los Angeles, assignor to Angelus Engineering Corporation, South Gate, Calif. Conductor system for electrified rails. 2,668,199, Feb. 2.
- Conner, Guy O., to Danly Machine Specialties, Inc. 2,683,487, Cl. 164—25.
- Conner, Harold D., Wichita, Kans. Aromatic device. 2,671,688, Mar. 9.
- Conner, Ray E., to Warren Automatic Tool Co. 2,696,111, Cl. 73—151.
- Conner, Tom E., Elk Grove, Calif. Suction pickup head unit for seed harvesters. 2,667,025, Jan. 26.
- Conner, Willard P., assignor to Hercules Powder Company, Wilmington, Del. Firing electric detonators and circuit therefor. 2,672,813, Mar. 23.
- Conning, James, assignor to British Insulated Callender's Cables Limited. 2,676,389, Cl. 29—148.
- Connolly, John A. 2,691,418, Cl. 166—129.
- Connolly, John A., to Acme Tool & Tester Co., Inc. 2,696,759, Cl. 89—1.
- Connolly, John E.: *See*—
Skillman, Newton, Jr., Connolly, Smith, and Kogstrom, 2,683,637.
Smith, Fred R., and Connolly.
- Connolly, William E.: *See*—
Adams, Harold F., and Connolly. 2,683,002.
- Connor Engineering Corp.: *See*—
Argentieri, Peter A. 2,687,746.
- Connor, John A. 2,696,576, Cl. 317—249.
- Connor, Thomas F. 2,692,408, Cl. 20—2.
- Connor, Tod B. 2,697,462, Cl. 146—16.
- Conord, Auguste. 2,681,557, Cl. 68—23.
- Conover, Alonzo E.: *See*—
Bankauf, William F., and Conover. 2,684,754.
- Conover, Warren C., assignor to Outboard, Marine & Manufacturing Company, Waukegan, Ill. Dual propeller propulsion device. 2,672,115, Mar. 16.
- Conrad, Charles F. 2,685,778, Cl. 62—99.
- Conrad, Harry, and L. Bowers, Mount Morris, Ill. Stitch failure detector. 2,668,289, Feb. 9.
- Conrad, John F., to Deltron Electric Products, Inc. 2,682,588, Cl. 200—132.
- Conrad, Louis J., and H. S. Stiles, to Kind & Knox Gelatin Co. 2,692,201, Cl. 99—130.
- Conrad, Martin B.: *See*—
Baker, Reuben C., and Conrad. 2,674,314.
Baker, Reuben C., and Conrad. 2,681,113.
Baker, Reuben C., and Conrad. 2,690,225.
Baker, Reuben C., and Conrad. 2,695,065.
Ragan, Thomas M., and Conrad. 2,695,064.
- Conrad, Martin B., Downey, assignor to Baker Oil Tools, Inc., Vernon, Calif. Check valve. 2,671,466, Mar. 9.
- Conrad, Martin B., to Baker Oil Tools, Inc. 2,681,114, Cl. 166—63.
- Conrad, Martin B., to Baker Oil Tools, Inc. 2,687,694, Cl. 103—52.
- Conrad, Martin B., to Baker Oil Tools, Inc. 2,692,023, Cl. 166—63.
- Conrad, Martin B., to Baker Oil Tools, Inc. 2,692,066, Cl. 220—55.3.
- Conrad, Martin B., and E. H. Clark, Jr., assignors to Baker Oil Tools, Inc. 2,675,876, Cl. 166—11.
- Conrath, Jules R., to Vickers Inc. 2,683,854, Cl. 321—25.
- Conroy, Addison B., and W. L. Kimmel, to Aeroduct, Inc. 2,697,452, Cl. 138—56.
- Conroy, Charles L.: *See*—
Demlow, Edward J. 2,681,817.
Stranberg, Don F. 2,694,332.
- Conroy, Edward A., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. 1-thiocarbamyl-4-heterocyclic piperazines. 2,666,055, Jan. 12.
- Conroy, Edward A., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Disubstituted piperazines and preparing the same. 2,672,460, Mar. 16.
- Conroy, Edward H., Jr., and H. W. Haines, Jr., to Texas Gulf Sulphur Co. 2,687,344, Cl. 23—294.
- Conso Metal Products, Inc.: *See*—
Loucony, Adolphe W. 2,689,607.
- Consoldane, Anthony V., F. J. Jones, S. M. Kirinec, and E. Ward. 2,678,230, Cl. 294—69.
- Consoletti, Paul C., assignor to Draper Corporation. 2,676,619, Cl. 139—88.
- Consoletti, Paul C., to Draper Corp. 2,690,771, Cl. 139—96.
- Consolidated Electric Co.: *See*—
Ress, Thomas I. 2,676,869.
Ress, Thomas I. 2,692,301.
- Consolidated Engineering Corp.: *See*—
Berry, Clifford E. 2,676,264.
Berry, Clifford E. 2,680,812.
Berry, Clifford E. 2,691,107.
Berry, Clifford E. 2,691,108.
Berry, Clifford E. 2,694,151.
Berry, Clifford E., and Robinson. 2,688,088.
Goodwin, Paul S.
Lahti, Arvo A. 2,676,270.
Lahti, Arvo A. 2,680,383.
Lahti, Arvo A., Goodwin, and Blanchard. 2,696,562.
Richardson, Arthur D. 2,691,142.
Robinson, Charles F.
Robinson, Charles F. 2,683,811.
Robinson, Charles F. 2,688,087.
Robinson, Charles F., and Lahti.
Spaulding, Carl P.
- Consolidated Gas Electric Light and Power Co. of Baltimore: *See*—
Lusby, Oscar W. 2,686,112.
- Consolidated Machine Tool Corporation, assignee: *See*—
Forward, Worthy J. F.
- Consolidated Mining and Smelting Co. of Canada, Ltd., The: *See*—
Middleton, Arthur E., Reynolds, and Peet. 2,676,112.
Mills, James R., Robinson, and Miller. 2,698,344.
Reynolds, Donald C., Middleton, and Peet. 2,676,111.
- Consolidated Molded Products Corp.: *See*—
Swartz, C. Kenneth, Calpin, and Foderaro. 2,688,159.
Swartz, Charles K. 2,679,473.
- Consolidated Packaging Machinery Corp.: *See*—
Dolman, Henry J. 2,684,191.
Gantzer, Howard E. 2,691,473.
- Consolidated Vacuum Corp.: *See*—
Gerow, Gordon P., and Wishart. 2,693,822.
Warren, Horace G. 2,683,614.
Warren, Horace G. 2,684,195.
Warren, Horace G., and Black. 2,678,761.
Wishart, James.
- Consolidated Vultee Aircraft Corp.: *See*—
Curnutt, Clarvel R.
Gunthorp, Seth. 2,679,305.
Larsen, Harry L.
Lee, Webster R.
MacArthur, Arthur, Jr. 2,677,045.
Pall, Francis A., and Pfankuch.
Pickens, William A. 2,675,992.
Powers, Bradford W. 2,697,568.
- Consolo, Michael D., and G. V. Clanton; said Consolo to said Clanton. 2,694,538, Cl. 248—42.
- Constance, Joseph A., assignor to Brightwater Paper Company and Millers Falls Paper Company. 2,676,119, Cl. 117—103.
- Constantakis, George V., assignor to United States Rubber Company. 2,675,073, Cl. 164—17.
- Constantakis, George V., assignor to United States Rubber Company. 2,675,075, Cl. 164—38.
- Constantakis, George V., to United States Rubber Co. 2,696,657, Cl. 29—76.
- Constantinesco, George. 2,677,955, Cl. 72—50.
- Constantino, Constantine S.: *See*—
Barrett, Hillard E., and Constantino. 2,687,868.
- Constructions Electro-Mecaniques de Saint-Etienne Ancienne Usine "Wageor": *See*—
Gerentes, Jean. 2,683,375.
- Container Cap Co.: *See*—
Willis, Sumner C. 2,689,064.
- Container Corp. of America: *See*—
Andrew, James B. W., Jr. 2,689,078.
Chidsey, Francis A., Jr. 2,687,247.
Davidson, George W., Kupfer, and Kilmer.
Freeman, Claude C. 2,684,759.
Freeman, Claude C. 2,687,248.
Foster, Thomas W. 2,675,912.
Johnson, Leonidas E. 2,692,722.
Leavitt, James P. H.
Main, James W. 2,675,166.
Main, James W. 2,689,077.
Main, James W. 2,690,285.
Ohrn, Rudolph E. 2,677,543.
Roshkind, Allan I., Stephenson, Rau, and Foster. 2,675,165.
Shanahan, Curtis M. 2,694,504.
Theobald, Delbert A. 2,675,437.
Turner, William E., and Foster. 2,675,157.
Wagonseller, Earl A. 2,697,547.
- Container Lock Lid Co.: *See*—
Dayley, Carl C. 2,694,589.
- Container Mfg. Co.: *See*—
Sax, Max. 2,682,138.
- Conte, Juliette A. M., Cannes, France. Electric shaver waste collecting means. 2,669,016, Feb. 16.
- Conte, Robert J. 2,683,956, Cl. 46—212.
- Conti, John D., assignor to American Viscose Corporation. 2,675,746, Cl. 93—1.
- Conti, John D., to American Viscose Corp. 2,684,210, Cl. 242—55.
- Conti, John D., to American Viscose Corp. 2,685,769, Cl. 53—55.
- Conti, John D., to American Viscose Corp. 2,685,770, Cl. 53—83.

- Conti, John D., to American Viscose Corp. 2,686,128, Cl. 99—171.
- Conti, John D., to American Viscose Corp. 2,688,356, Cl. 154—1.
- Continental Aviation & Engineering Corporation, assignee: *See—*
- Collins, Whitney. 2,677,232.
- Continental Can Co., Inc.: *See—*
- Baxter, Thomas R.
- Bendix, Gordon H., and Tamm. 2,696,589.
- Bergstrom, Harold A. 2,696,339.
- Bergstrom, Harold A. 2,696,340.
- Blaing-Leisk, Edwin G. 2,696,107.
- Boyd, John M., Simpson, and Mero. 2,693,305.
- Cameron, Allan M., and Walter. 2,686,604.
- Evans, Raymond J., and Schneider. 2,688,776.
- Gordon, Bruce B. 2,695,738.
- Gordon, Bruce B. 2,695,739.
- Hecker, Leonard R., and Clark.
- Henchert, John. 2,688,419.
- Henchert, John. 2,694,502.
- Johnson, Scott R. 2,695,582.
- Laxo, Ed. 2,686,551.
- Pardee, Edward A., and Baxter. 2,695,423.
- Piazzze, Thomas E. 2,676,443.
- Piazzze, Thomas E. 2,682,910.
- Punte, William F. 2,695,736.
- Schneider, Julius L. 2,696,106.
- Simpson, Justin, and Blaing-Leisk. 2,696,296.
- Teague, Walter D., Peltz, and Immermann. 2,690,003.
- Treff, Alfred. 2,695,941.
- Weisenburg, Andrew. 2,695,650.
- Continental Copper & Steel Industries, Inc., assignee: *See—*
- Elling, William E.
- Continental Elastic Corporation, assignee: *See—*
- O'Neill, Harry T., Jr. 2,676,763.
- Continental Foundry & Machine Co.: *See—*
- Hibner, De Los E., Jr. 2,696,631.
- Siegerist, Walter L. 2,697,489.
- Continental Machines, Inc.: *See—*
- Gierlich, Raymond A. 2,680,911.
- Continental Motors Corp.: *See—*
- Bakke, Laurence D. 2,694,117.
- Walker, John L.
- Wiseman, William A.
- Continental Oil Co.: *See—*
- Baker, Edwin R. 2,684,943.
- Doty, William E. N., and Crawford. 2,688,124.
- Elkins, Lincoln F. 2,688,868.
- Hersh, Joseph M. 2,688,013.
- Kirk, James C., and Baker. 2,682,553.
- Messer, Elmer S. 2,679,159.
- Continental Plastics Corporation, assignee: *See—*
- Kiba, Yoneo. 2,677,479.
- Continental Silver Co., Inc.: *See—*
- Kolisch, Emil. 2,686,426.
- Kolisch, Emil. 2,686,634.
- Kolisch, Emil. 2,688,878.
- Kolisch, Emil. 2,689,082.
- Continental Transport Appliances, Ltd.: *See—*
- Dorey, George B.
- Dorey, George B. 2,694,317.
- Dorey, George B. 2,694,471.
- Dorey, George B. 2,694,472.
- Dorey, George B. 2,698,206.
- Dorey, George B. 2,698,207.
- Continental Wire Corp.: *See—*
- Shafer, James C. 2,686,451.
- Continuous Metalcast Co., Inc., assignee: *See—*
- Rossi, Irving, Easton, and Wilson. 2,674,019.
- Control, Inc.: *See—*
- Burris-Meyer, Harold. 2,688,873.
- Control Instrument Co., Inc.: *See—*
- Libman, Earl E. 2,682,370.
- Convert, Guy: *See—*
- Guenard, Pierre, and Convert. 2,680,811.
- Conveyor Co., Inc., The: *See—*
- Saxe, Walter E. 2,675,128.
- Saxe, Walter E. 2,681,763.
- Saxe, Walter E. 2,687,037.
- Saxe, Walter E. 2,687,799.
- Conveyor Engineering Co.: *See—*
- Silver, Joseph B., and Harrod. 2,689,891.
- Convoy, Inc.: *See—*
- Larson, Marvin, Stedman, and Dannemiller. 2,682,362.
- Stedman, Allan L. 2,676,080.
- Conway, Hertsell S., to Standard Oil Co. 2,693,486, Cl. 260—504.
- Conway, Hugh G., assignor to British Messier Limited, Gloucester, England. Follow-up type fluid servomotor. 2,670,715, Mar. 2.
- Conway, Joseph D., Cleveland Heights, Ohio. Nozzle structure for rotary brushing devices. 2,668,310, Feb. 9.
- Conwell, Charles B., to United Aircraft Corp. 2,696,887, Cl. 170—135.74.
- Cook, A. J.: *See—*
- Wooden, Cornelius B. 2,694,588.
- Cook, Alonzo J. 2,691,231, Cl. 39—87.
- Cook, Arnold G., Lombard, Ill., assignor to General Electric Company. Electric terminal block assembly. 2,666,189, Jan. 12.
- Cook, Arthur H.: *See—*
- Heilbron, Ian M., and Cook. 2,678,318.
- Cook, Ben H.: *See—*
- Davidson, Thomas, and Cook. 2,684,113.
- Cook, Charles A.: *See—*
- Keese, Beverly W., and Cook. 2,674,892.
- Cook, Charles A., and E. E. Eaton, to Clark Equipment Co. 2,690,086, Cl. 74—740.
- Cook Chemical Co.: *See—*
- Groschen, George E. 2,697,859.
- Cook, Curtiss L., and A. E. Young, to Deere & Co. 2,695,734, Cl. 222—310.
- Cook, Earle S.: *See—*
- Gorman, Andrew T., and Cook. 2,676,064.
- Cook, Earle S., Forest Hills, Pa., assignor to Westinghouse Air Brake Company. Fluid pressure brake apparatus. 2,672,376, Mar. 16.
- Cook, Earle S., to Westinghouse Air Brake Co. 2,695,817, Cl. 303—60.
- Cook, Earle S., and A. T. Gorman, to Westinghouse Air Brake Co. 2,697,012, Cl. 303—26.
- Cook, Edward, assignor to Edward Cook Machine Company. 2,676,452, Cl. 57—58.38.
- Cook, Edward, Machine Company, assignee: *See—*
- Cook, Edward. 2,676,452.
- Cook Electric Co.: *See—*
- Hasselhorn, Walter C. 2,688,105.
- Kirkman, Robert A. 2,677,058.
- Cook, Elmer A.: *See—*
- Viebrock, Carl H., and Cook. 2,679,436.
- Cook, Elmer W.: *See—*
- Hook, Edwin O., and Cook. 2,683,166.
- Cook, Ernest E.: *See—*
- Sadler, Harry J., and Cook.
- Cook, Ernest P., assignor to Brown Company, Berlin, N. H. Multilength continuous doctor blade. 2,664,792, Jan. 5.
- Cook, Evlin L., to Socony-Vacuum Oil Co., Inc. 2,691,298, Cl. 73—61.
- Cook, Gordon H., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Five component optical objective with the front three components forming a divergent combination. 2,664,783, Jan. 5.
- Cook, Gordon H., assignor to Taylor, Taylor & Hobson Limited. 2,676,517, Cl. 88—57.
- Cook, Henry A. 2,690,707, Cl. 97—15.
- Cook, James E., to The De Laval Separator Co. 2,698,131, Cl. 233—24.
- Cook, John, Grants Pass, Ore. Folding pickup truck top. 2,670,988, Mar. 2.
- Cook, John T., Farmington, and L. E. Willett, assignors to Chamberlin Company of America, Detroit, Mich. Window construction. 2,667,669, Feb. 2.
- Cook, John T., and L. E. Willett, assignors to Chamberlin Company of America, Detroit, Mich. Window construction. 2,667,671, Feb. 2.
- Cook, Keith W. 2,676,028, Cl. 280—95.
- Cook, Leon S., Enid, Okla. Toothbrush holder and toothpaste dispenser. 2,667,287, Jan. 26.
- Cook, Loren, to Loren Cook Co. 2,684,621, Cl. 98—43.
- Cook, Loren C., Benicia, Calif. Nonmetallic mine fuse. 2,667,838, Feb. 2.
- Cook, Loren, Co.: *See—*
- Cook, Loren. 2,684,621.
- Cook, Mel, assignee: *See—*
- Cook, Orville, Louis. 2,680,028.
- Cook, Melvin A.: *See—*
- Burrows, Lawton A., and Cook.
- Cook, Orville L., assignor of $\frac{1}{2}$ to M. Cook. 2,680,028, Cl. 280—150.5.
- Cook, Ralph W., assignor to Clinton Foods Inc. 2,680,708, Cl. 202—186.
- Cook, Ralph W., assignor to Clinton Foods Inc. 2,680,715, Cl. 210—28.
- Cook, Robert F., Jr. 2,683,308, Cl. 30—91.
- Cook, Robert F., Jr. 2,697,956, Cl. 81—9.5.
- Cook, Robert M. 2,692,437, Cl. 33—138.
- Cook, Robert R.: *See—*
- Drumm, Manuel F., and Cook. 2,683,296.
- Cook, Thomas S., Eccleston, St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for grinding flat glass on both faces simultaneously. 2,673,428, Mar. 30.
- Cook, Wilfred J., W. V. Barker, and J. H. Tuck, to The International Nickel Co., Inc. 2,686,757, Cl. 204—113.
- Cook, William H., Jr.: *See—*
- Larson, Thorvald H., Mayer, Pfafman, Cook, and Kirkbride. 2,696,355.
- Cook, William H., Jr., Bellevue, C. E. Pfafman, and G. S. Schairer, assignors to Boeing Airplane Company, Seattle, Wash. Airplane yaw damper. 2,672,307, Mar. 16.
- Cooke, Edward G.: *See—*
- Taylor, James, Lowe, and Cooke. 2,677,605.
- Cooke, Edward V.: *See—*
- Bowden, Cyril H., and Cooke. 2,698,287.
- Cooke, Frank A.: *See—*
- Lees, Edgar, and Cooke.
- Cooke, Garrett H. 2,685,873, Cl. 123—179.
- Cooke, James N., Jr. 2,697,873, Cl. 29—460.
- Cooke, Joseph M.: *See—*
- Leonard, Charles H., and Cooke.
- Cooke, Reginald B. W.: *See—*
- Starr, Arthur T., White, Cinderey, Matthews, and Cooke. 2,680,220.

- Cooke, Roy F., to Gardener's Friend Co., a division of R. F. Cooke Mfg. Co. 2,682,704, Cl. 30—153.
- Cooke, Stuart P.: *See*—
- Willenbrock, Frederick K., and Cooke. 2,677,107.
- Cooke, Theodore F.: *See*—
- Eastes, John W., and Cooke. 2,683,702.
- Cooksley, Ralph D., to Pressure Packaging Corp. 2,686,081, Cl. 299—95.
- Cookson, Leonard T., assignor to The Upjohn Company, Kalamazoo, Mich. Liquid level control. 2,666,109, Jan. 12.
- Cooley, Austin G., assignor to Times Facsimile Corporation, New York, N. Y. Facsimile machine. 2,666,808, Jan. 19.
- Cooley, Austin G., to Times Facsimile Corp. 2,690,473, Cl. 178—6.6.
- Coolidge, Roger S. 2,683,102, Cl. 136—154.
- Coolidge, Sollace B., Jr., and R. A. Sturges, to The Sherwin-Williams Co. 2,694,874, Cl. 41—5.5.
- Coombes, Joseph H., Jenkintown, assignor to The Budd Company, Philadelphia, Pa. Disk brake unit for association with clasp brake trucks. 2,673,623, Mar. 30.
- Coombes, Joseph H., Jenkintown, and C. L. Eksergian, Media, assignors to The Budd Company, Philadelphia, Pa. Brake arrangement on sprung-frame railway truck. 2,673,622, Mar. 30.
- Coombs, Maurice M., and W. H. Gray, to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,691,657, Cl. 260—294.8.
- Coon, Harold R., Sr., and E. J. Rapp, to Lynch Corp. 2,691,218, Cl. 31—8.
- Coon, Harold R., Sr., and E. J. Rapp, to Lynch Corp. 2,694,256, Cl. 31—14.
- Coonan, Warren E. 2,693,726, Cl. 81—15.
- Coonradt, Harry L., C. L. Gutzeit, and B. W. Rope, to Socony-Vacuum Oil Co., Inc. 2,689,266, Cl. 260—672.
- Coonradt, Teall, and F. K. Freundorfer, to International Business Machines Corp. 2,690,550, Cl. 340—248.
- Coop, Agnes M., administratrix: *See*—
- Coop, William L. 2,685,824.
- Coop, William L., assignee: *See*—
- Cornelius, George W. 2,677,231.
- Coop, William L., deceased, by A. M. Coop, administratrix. 2,685,824, Cl. 90—59.
- Cooper, Adrian L. 2,687,318, Cl. 292—114.
- Cooper, Anthony D., Wembley, E. H. Nelson, Harrow Weald, and A. H. Willoughby, Rickmansworth, England, assignors to General Electric Company. Discharge lamp flashing circuit. 2,673,943, Mar. 30.
- Cooper, Basil P., K. J. B. Clark, and A. Bradshaw, to United Shoe Machinery Corp. 2,693,740, Cl. 92—54.
- Cooper, Benjamin: *See*—
- Gilmont, Roger, and Schwartz. 2,683,793.
- Cooper, Benjamin, New York, N. Y. Treadle controlled toll checking system. 2,672,393, Mar. 16.
- Cooper, Benjamin, and A. F. Hohmann; said Hohmann assignor to said Cooper. 2,683,870, Cl. 340—332.
- Cooper, Benjamin, and A. Hohmann; said Hohmann assor. to said Cooper. 2,687,691, Cl. 101—80.
- Cooper, Benjamin, and A. Hohmann; said Hohmann assor. to said Cooper. 2,687,849, Cl. 235—58.
- Cooper, Benjamin, and A. Hohmann; said Hohmann assor. to said Cooper. 2,687,936, Cl. 346—87.
- Cooper, Benjamin, and A. Hohmann; said Hohmann assor. to said Cooper. 2,687,937, Cl. 346—141.
- Cooper-Bessemer Corp.: *See*—
- Crooks, William R.
- Gehress, Hewitt A. 2,690,868.
- Ramsey, Robert P., Morain, and Bovard. 2,676,578.
- Rhoades, Warren A., Jr. 2,682,866.
- Cooper, Charles G. 2,696,745, Cl. 81—9.3.
- Cooper, Dexter P., Jr., assignor to Polaroid Corporation, Cambridge, Mass. Electric projection lamp. 2,666,158, Jan. 12.
- Cooper, Douglas E., and I. C. Cheney, to Bristol Laboratories, Inc. 2,683,618, Cl. 260—256.
- Cooper, George L.: *See*—
- Laviana, Donald W., Arnold, and Cooper. 2,684,825.
- Cooper, Gilbert N. 2,691,286, Cl. 66—192.
- Cooper, Harry E.: *See*—
- Howe, Everett W., Cooper, and Homeier.
- Cooper, Henry J. 2,684,084, Cl. 139—224.
- Cooper, Henry J. 2,695,040, Cl. 139—13.
- Cooper, Hugh S., assignor to W. M. Weil. 2,678,870, Cl. 23—14.5.
- Cooper, James J., and O. A. Vordtriede, St. Louis, assignors, by mesne assignments, to A. B. Chance Company, Centralia, Mo. Fuse cutout. 2,668,209, Feb. 2.
- Cooper, Joseph. 2,676,863, Cl. 312—246.
- Cooper, Joseph H.: *See*—
- Seeloff, Melvin M., and Cooper.
- Cooper, Kenneth A., and T. C. H. Hill, assignors, by mesne assignments, to National Research Development Corporation. 2,680,674, Cl. 23—207.5.
- Cooper, Lawrence O., Schumacher, Ontario, Canada. Device for recording the total quantity of material passing over conveyor belts. 2,671,657, Mar. 9.
- Cooper, Lowell, Pasadena, and B. L. McNulty, Altadena, Calif. Fuse holder. 2,669,181, Feb. 16.
- Cooper, Lyle M., Rahway, N. J., assignor to the United States of America as represented by the Secretary of War. Fuze. 2,666,389, Jan. 19.
- Cooper, May A., executrix: *See*—
- De Whalley, William R. M. 2,678,651.
- Cooper, Nelson D.: *See*—
- Siekemann, Harold J., Kasselmann, Luning, and Cooper. 2,697,373.
- Cooper, Orin N. 2,689,471, Cl. 68—22.
- Cooper, Robert B., and R. C. Shipman, to United Co-Operatives, Inc. 2,690,324, Cl. 254—185.
- Cooper, Robert H., and A. J. Greene, to Monsanto Chemical Co. 2,695,904, Cl. 260—306.6.
- Cooper, Robert S.: *See*—
- Skeeters, Maxwell J., and Cooper. 2,688,592.
- Cooper, Samuel A.: *See*—
- Frey, Erik, and Cooper. 2,680,507.
- Cooper, Victor J., Writtle, assignor to Marconi's Wireless Telegraph Company Limited, London, England. Thermionic amplifier. 2,670,409, Feb. 23.
- Cooper, Victor J., to Marconi's Wireless Telegraph Co. Ltd. 2,693,500, Cl. 178—7.1.
- Cooper, Victor J., and N. N. P. Smith, to Marconi's Wireless Telegraph Co. Ltd. 2,689,886, Cl. 179—171.
- Cooper, Virgil K., Hollywood, Calif. Self-wringing mop. 2,668,970, Feb. 16.
- Cooper Weymouth Inc.: *See*—
- Weymouth, George J., and Cooper. 2,694,994.
- Cooper, William C.: *See*—
- Weymouth, George J., and Cooper. 2,694,994.
- Cooper, William, & Nephews, Inc.: *See*—
- Carson, Nathan B., and Banks. 2,685,793.
- Cooper, William M., to Champion Mfg. Co. 2,695,015, Cl. 125—13.
- Cooper, William S.: *See*—
- Bagwell-Purefoy, John, and Cooper. 2,677,308.
- Cooperative Utilities Co., Inc.: *See*—
- Miller, William J. 2,689,437.
- Cooperrider, Myron T.: *See*—
- Swenson, Marcus O. and P. F. 2,692,759.
- Cooper's, Incorporated, assignee: *See*—
- Phillips, John W., and Roush.
- Cootes, Harold E., to Aircraft-Marine Products Inc. 2,690,562, Cl. 1—177.
- Coover, Harry W., Jr.: *See*—
- Dickey, Joseph B., and Coover.
- Dickey, Joseph B., and Coover. 2,682,527.
- Dickey, Joseph B., and Coover. 2,691,616.
- Coover, Harry W., Jr., to Eastman Kodak Co. 2,682,521, Cl. 260—47.
- Coover, Harry W., Jr., to Eastman Kodak Co. 2,685,581, Cl. 260—248.
- Coover, Harry W., Jr., and J. B. Dickey, assignors to Eastman Kodak Company. 2,675,371, Cl. 260—79.3.
- Coover, Harry W., Jr., and J. B. Dickey, assignors to Eastman Kodak Company. 2,675,372, Cl. 260—88.7.
- Coover, Harry W., Jr., and M. A. McCall, to Eastman Kodak Co. 2,682,522, Cl. 260—47.
- Coover, Harry W., Jr., and J. B. Dickey, to Eastman Kodak Co. 2,682,556, Cl. 260—498.
- Coover, Harry W., Jr., J. B. Dickey and N. H. Shearer, to Eastman Kodak Co. 2,697,092, Cl. 260—85.5.
- Cope, John E., and E. O. Holland, to Pye Ltd. 2,693,531, Cl. 250—27.
- Cope, John Q., El Cerrito, and W. H. Claussen, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Selective solvent extraction of petroleum. Re. 23,768, Jan. 12.
- Cope, John Q., El Cerrito, and W. H. Claussen, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Selective solvent extraction of petroleum. Re. 23,779, Feb. 9.
- Copeland, Paul L.: *See*—
- De Lany, Beatrice P., and Copeland.
- De Lany, Beatrice P., and Copeland. 2,675,495.
- De Lany, Beatrice P., and Copeland. 2,679,020.
- Copeland, Randolph F., Park Ridge, assignor to Certain-Teed Products Corporation, Chicago, Ill. Producing acoustical tile. 2,668,123, Feb. 2.
- Copeland Refrigeration Corporation, assignee: *See*—
- Curtis, Charles L.
- Copelin, Harry B., to E. I. du Pont de Nemours and Co. 2,682,546, Cl. 260—347.8.
- Copelin, Harry B., to E. I. du Pont de Nemours and Co. 2,694,093, Cl. 260—615.
- Copeman Laboratories Co.: *See*—
- Copeman, Lloyd G. 2,688,236.
- Kisselle, John M.
- Copeman, Lloyd G., to Copeman Laboratories Co. 2,688,236, Cl. 62—108.5.
- Copen, Simon I. 2,687,728, Cl. 128—218.
- Copenhaver, James E., B. D. Clarkson, and A. Woods, Jr., assignors to Sonoco Products Company. 2,677,165, Cl. 25—118.
- Copenhaver, John W., assignor to General Aniline & Film Corporation. 2,677,707, Cl. 260—609.
- Copenhaver, John W., assignor to General Aniline & Film Corporation. 2,677,708, Cl. 260—609.
- Copenhaver, John W., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Preparing bisulfite addition products of malonaldehyde. 2,671,800, Mar. 9.
- Copenhaver, John W., and D. E. Sargent, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Producing a-halo- ω -trihalopropyl ethers. 2,666,083, Jan. 12.

- Copenhagen, Roy T. 2,687,267, Cl. 248—349.
- Copes, Joseph P., and D. L. Fuller, Easton, Pa., and C. McKinley, Westfield, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Production of N-phenyl pyrrole. 2,671,789, Mar. 9.
- Copes, Joseph P., and C. McKinley, to General Aniline & Film Corp. 2,686,817. Cl. 260—635.
- Copley, Harold E.: *See*—
Walkup, Lewis E., and Copley. 2,689,179.
- Copp, Daniel N.: *See*—
Bowers, James F. 2,688,445.
Bowers, James F. 2,690,117.
- Copp, Frederick C., to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,691,677, Cl. 260—567.6.
- Copp, Harry N.: *See*—
Garman, Leo H., and Copp. 2,685,361.
- Coppard, Anthony H., L. Hallas, G. H. King, and E. Searles, to Southern United Telephone Cables Ltd. 2,689,334, Cl. 324—57.
- Coppell, Clement L.: *See*—
Racine, Marcel J., and Coppell.
- Copper Research, assignee: *See*—
Furness, William H.
- Copping, Brian, to Atkron, Inc. 2,696,927, Cl. 214—309.
- Coppinger, Galvin M.: *See*—
Campbell, Tod W., and Coppinger. 2,686,123.
- Coppock, Philip D., to The Distillers Co. Ltd. 2,687,287, Cl. 261—124.
- Coppock, Philip D., and J. T. McCombie, to The Distillers Co. Ltd. 2,695,285, Cl. 260—210.
- Coppock, Walter J., Ridley Park, assignor to Sun Oil Company, Philadelphia, Pa. Oxidation inhibited mineral oil. 2,665,254, Jan. 5.
- Corban, A. A., & Sons Ltd.: *See*—
McIntosh, William N., Ataya, and Corban. 2,697,972.
- Corban, Najib A.: *See*—
McIntosh, William N., Ataya, and Corban. 2,697,972.
- Corbell, Paul I.: *See*—
Black, Robert J., and Corbell. 2,685,045.
- Corbett, Gerald M., G. C. Wiggins and W. S. Thurber, assignors to The Dow Chemical Company, Midland, Mich. Esters of aralkylated cyclohexanols. 2,668,177, Feb. 2.
- Corbett, Harold. 2,680,880, Cl. 18—12.
- Corbett, Harold, to Halco Plastics, Inc. 2,688,769, Cl. 18—12.
- Corbett, Herbert A.: *See*—
De Witt, William J., and Corbett.
- Corbett, Herbert A., to Auburn Fishhook Co., Inc. 2,688,790, Cl. 29—9.
- Corbett, James P., to The English Electric Co. Ltd. 2,686,475, Cl. 103—1.
- Corbett, Joseph R., to Nu Tone, Inc. 2,689,906, Cl. 219—39.
- Corbett, Thomas H. 2,693,852, Cl. 161—7.
- Corbitt, Howard E. 2,691,104, Cl. 250—36.
- Corbitt, Robert A.: *See*—
Dickey, Joseph B., and Corbitt. 2,685,599.
- Corbo, Robert L., Van Nuys, Calif., assignor to Hughes Tool Company, Houston, Tex. Terminal link for flexible feed chutes. 2,673,634, Mar. 30.
- Corby, John S., Old Windsor, England. Appliance for pressing neckties or strip material. 2,669,045, Feb. 16.
- Corcoran, Ethel J., and E. P. Cashman, to Standard Oil Development Co. 2,690,445, Cl. 260—399.
- Corcoran, John F. 2,692,804, Cl. 308—83.
- Corcoran, Laurence E. 2,676,587, Cl. 128—38.
- Cord, Howard O., Chicago, Ill., B. G. Morten, Munster, Ind., and C. J. Ryant, Jr., assignors to Standard Oil Company, Chicago, Ill. Immersion heater. 2,669,435, Feb. 16.
- Corderman, Roy C., assignor to Western Electric Company, Incorporated. 2,676,303, Cl. 332—28.
- Cordier, David E., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. 2,680,104, Cl. 260—39.
- Cordier, Lucien, Arnouville les Gonesse, France. Reed trimmer. 2,669,778, Feb. 23.
- Cordier, Otto: *See*—
Flatz, Emil, Hövel, and Cordier. 2,687,714.
- Cordingly, Norman C., assignor to General Electric Company. 2,679,608, Cl. 313—60.
- Cordola, Fred. 2,692,807, Cl. 311—83.
- Cordova, William. 2,674,507, Cl. 312—15.
- Corelle, Alfred, Beverly, Mass. Pry type vacuum cover opener. 2,670,641, Mar. 2.
- Corey, Donald W., to Buxton Inc. 2,685,550, Cl. 154—116.
- Corey, George H.: *See*—
Kurland, Morris, Slaff, and Corey. 2,696,872.
- Corey, Nicholas, assignor to Alexander Smith, Incorporated. 2,677,959, Cl. 73—9.
- Corey, Norris W. 2,684,714, Cl. 160—199.
- Corff, Edward V.: *See*—
Michaelis, Harold A., and Corff. 2,696,162.
- Corhart Refractories Co.: *See*—
Magri, Ralph J., Jr. 2,690,974.
- Cork, Frank: *See*—
Probert, Leslie E., Sutton, and Cork. 2,680,081.
- Corlett, Webster D.: *See*—
Voorhies, Carl, and Corlett. 2,688,318.
- Corlett, Webster D., River Forest, and C. G. Mackie, Chicago, Ill., assignors to Standard Screw Company, Hartford, Conn. Making self-locking screws having mismatched threaded sections. 2,668,966, Feb. 16.
- Corley, Mark H., B. A. Arvidson, and R. F. Barber, to Miller Wrapping & Sealing Machine Co. 2,687,604, Cl. 53—120.
- Corley, Quentin D., Jr., to L. A. Young Spring & Wire Corp. 2,683,539, Cl. 214—77.
- Cormack, Alan, Kenton, assignor to The General Electric Company Limited, London, England. Electrical oscillation generator. 2,671,856, Mar. 9.
- Corman, Julian, H. M. Tsuchiya, and H. J. Koepsell, assignors to the United States of America as represented by the Secretary of Agriculture. 2,676,905, Cl. 195—66.
- Cormany, David R., assignor to C & C Tool Corporation, Long Beach, Calif. Automatic power tongs. 2,668,689, Feb. 9.
- Cormany, David R., Long Beach, assignor, by mesne assignments, to Jamieson & Gabriel, Los Angeles, Calif. Fluid balanced valve. 2,672,158, Mar. 16.
- Cormier, George J., Fitchburg, Mass. Lock for liquid dispensing devices. 2,673,569, Mar. 30.
- Corn Products Refining Co.: *See*—
Baldoni, Bernard. 2,676,169.
Gapon, Clark C., and Bond. 2,678,903.
Hach, William, and Benjamin. 2,681,352.
Kerr, Ralph W., and Katzbeck.
Kite, Francis E.
Kool, Earl R. 2,689,816.
Newkirk, William B. 2,680,082.
Segel, Edward.
Wilson, Alexander L., and Mark. 2,683,150.
- Cornell, Carmen S. 2,691,294, Cl. 72—89.
- Cornell, Ernest R., to E. I. du Pont de Nemours and Co. 2,693,624, Cl. 22—57.2.
- Cornellison, Herbert L., Athens, Ga. Safety cover for tractor cylinders. 2,673,107, Mar. 23.
- Cornelius Co., The: *See*—
Cornelius, Nelson F. 2,693,821.
Cornelius, Nelson F. 2,685,382.
- Cornelius, Frank H., Shade Gap, Pa. Fuel burner. 2,665,748, Jan. 12.
- Cornelius, Gail, assignor to R. M. Wade & Co. 2,677,558, Cl. 285—170.
- Cornelius, Gail, assignor to R. M. Wade & Co. 2,677,560, Cl. 285—197.
- Cornelius, George W., assignor of $\frac{1}{2}$ to W. L. Coop and $\frac{1}{4}$ to T. V. Cornelius. 2,677,231, Cl. 60—30.
- Cornelius, Nelson F.: *See*—
Cornelius, Richard T. and N. F.
- Cornelius, Nelson F., to The Cornelius Co. 2,685,382, Cl. 220—3.
- Cornelius, Nelson F., to The Cornelius Co. 2,693,821, Cl. 137—508.
- Cornelius, Paul D., assignor to Byron Jackson Co. 2,677,393, Cl. 137—796.
- Cornelius, Richard T., Minneapolis, Minn. Check valve. 2,673,062, Mar. 23.
- Cornelius, Richard T. 2,693,764, Cl. 103—133.
- Cornelius, Richard T., Minneapolis, and N. F. Cornelius, Anoka, Minn. Motor-driven compressor. 2,673,028, Mar. 23.
- Cornelius, Tina V., assignee: *See*—
Cornelius, George W. 2,677,231.
- Cornell Aeronautical Laboratory, Inc., assignee: *See*—
Dye, Edward R. 2,677,905.
Dye, Edward R. 2,678,507.
Dye, Edward R. 2,679,046.
- Cornell-Dubilier Electric Corp.: *See*—
Bennett, Arthur E. C.
Dubilier, William.
Dubilier, William. 2,683,792.
Dubilier, William. 2,696,546.
Jordan, Orval H. 2,694,805.
Tregoning, William C.
Weiss, Felix, and Seybold. 2,687,334.
- Cornell, Elton S., assignor to Abrasive Machine Tool Company, East Providence, R. I. Hydraulically driven machine tool. 2,671,294, Mar. 9.
- Cornell, George V. 2,692,933, Cl. 219—8.
- Cornell, James S., assignor to the United States of America as represented by the Secretary of the Army. 2,675,256, Cl. 287—58.
- Cornell, Marvin S. 2,685,992, Cl. 224—45.
- Cornell, Roy C., and J. E. Dean. 2,689,408, Cl. 33—169.
- Cornell, Warren A., to Bell Telephone Laboratories, Inc. 2,691,729, Cl. 250—27.
- Cornell, Warren A., Beechhurst, N. Y., N. I. Hall, West Los Angeles, Calif., G. Hecht, Astoria, C. D. Koechling, Floral Park, N. Y., F. A. Korn, Westfield, and H. E. Powell, Clifton, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic discharge-tube controlled telephone switching system. 2,666,096, Jan. 12.
- Cornell, Warren A., N. I. Hall, and H. E. Powell, to Bell Telephone Laboratories, Inc. 2,697,140, Cl. 179—175.2.
- Corner, Eugene S., assignor to Standard Oil Development Company. 2,678,264, Cl. 48—196.
- Cornet, Genevieve G. 2,690,565, Cl. 2—108.
- Cornett, Walter V., Los Angeles, Calif. Concrete breaking machine. 2,672,331, Mar. 16.
- Corney, Harold D., Dumont, N. J., assignor to United States Rubber Company, New York, N. Y. Wrapped tire. 2,665,001, Jan. 5.
- Cornick, Carrington R., Richmond, Va. Combined stool and cabinet. 2,667,658, Feb. 2.

- Cornilleau, Marcel: *See*—
Violet, André, and Cornilleau.
- Corning Glass Works: *See*—
Armistead, William H. 2,688,559.
Armistead, William H. 2,688,560.
Armistead, William H. 2,688,561.
Armistead, William H. 2,691,855.
Armistead, William H. 2,692,833.
Crawford, Clark A., and Frazier.
Dahlman, Frederick A., and Tingley. 2,685,765.
Dann, Guy E. 2,685,152.
Gitten, James W. 2,696,699.
Goodrich, Levi F.
Kelm, Everett F. 2,686,027.
Pascucci, Emilio. 2,686,255.
Smith, Gail P. 2,696,577.
Stokey, Stanley D. 2,682,134.
Stokey, Stanley D. 2,684,911.
White, Harvey J. 2,694,500.
- Cornish, Don, and R. L. Pottberg. 2,676,018, Cl. 273—130.
- Cornthwaite, William R.: *See*—
Bryant, Harold W., and Cornthwaite.
- Cornwell, Earl D., Downers Grove, assignor to Armour and Company, Chicago, Ill. Sticker composition for insecticides and fungicides. 2,666,712, Jan. 19.
- Cornwell, Ralph T. K., to American Viscose Corp. 2,686,725, Cl. 99—176.
- Cornwell, Ralph T. K., to American Viscose Corp. 2,686,744, Cl. 154—50.
- Corona, Antonio, Milan, Italy. Printing pressure device for alcohol duplicators. 2,670,678, Mar. 2.
- Coroniti, Joseph D. 2,686,054, Cl. 273—51.
- Corpeny, Elbert J., assignor of one-half to C. J. Klein, Kansas City, Mo. Basement clothesline hanger. 2,670,169, Feb. 23.
- Corrado, Victor M., to Mergenthaler Linotype Co. 2,683,525, Cl. 199—50.
- Corrosion Control Company, The, assignee: *See*—
Vallett, Walter I.
- Corsiglia, John, to Surface Combustion Corp. 2,685,333, Cl. 158—7.
- Corson, Eve L. 2,690,930, Cl. 299—83.
- Corson, James B. 2,697,265, Cl. 26—31.
- Corson, William G., Akron, Ohio. Valve for inflatable articles. 2,671,633, Mar. 9.
- Corson, William G., Akron, Ohio. Nonskid tire and making the same. 2,672,910, Mar. 23.
- Corssen, James E. 2,683,782, Cl. 200—81.4.
- Corteggiano, William L.: *See*—
Redmond, John A., and Corteggiano. 2,689,900.
- Cortland Industries, Inc.: *See*—
Seever, John B. 2,696,609.
- Corum, Charles A.: *See*—
Gordon, Carroll M., and Corum.
- Corum, Gordon L.: *See*—
Saunders, Gerald B., and Corum. 2,683,019.
- Corwin, Alfred W.: *See*—
Frerer, Paul G., and Corwin. 2,685,657.
- Cory Corp.: *See*—
Clark, Jesse H. 2,692,937.
Karlen, Harvey R. 2,683,442.
Peters, Herbert W.
- Cory, Ellwood R., and G. B. Warren. 2,684,429, Cl. 219—26.
- Cory, George L., to American Hard Rubber Co. 2,686,142, Cl. 154—106.
- Cory, Samuel I., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal distortion indicating and measuring device. 2,668,192, Feb. 2.
- Corydon, Jeff, II, to Bump-Air Inc. 2,681,246, Cl. 293—67.
- Cosby, John N.: *See*—
Eberts, Richard K., Cosby, and Porter. 2,688,635.
- Cosmetto, Aristodeme J. 2,688,858, Cl. 65—53.
- Cosmocord Plastics Limited, assignee: *See*—
Sturm, Robert H.
- Cosmos, William J., Chicago, Ill. High-speed, low-vibration drive pulley for flat belts. 2,673,470, Mar. 30.
- Cosom Industries, Inc., assignee: *See*—
Carlson, Clinton V., and Schober.
- Cosper, Dale L., assignor to Versal Inc., South Bend, Ind. Folding wheel chair. 2,665,743, Jan. 12.
- Cossor, A. C., Ltd.: *See*—
Allen, Alaric. 2,691,161.
Covill, Dennis H.
Fleming-Williams, Brian C., and Woodward. 2,677,090.
- Costa, Frank. 2,688,137, Cl. 2—116.
- Costa, William. 2,692,570, Cl. 114—77.
- Costa, William J., assignee: *See*—
Bridy, Victor M.
- Costarella, Anthony R. 2,683,324, Cl. 15—93.
- Costello, John P., to Fred'k H. Levey Co., Inc. 2,696,168, Cl. 101—416.
- Costello, Vincent A., to Nor-Cos Corp. 2,694,333, Cl. 84—93.
- Coster, Allan A., Lewisboro, N. Y., assignor to The Reflectone Corporation, Stamford, Conn. Moving target generating device. 2,671,612, Mar. 9.
- Coster, Allan A., to The Reflectone Corp. 2,696,595, Cl. 339—112.
- Coster, Lloyd R., Pine Bluff, Ark., assignor to Food Machinery & Chemical Corporation, San Jose, Calif. Manufacture of chloral. 2,669,585, Feb. 16.
- Costikyan, Kent R., Montclair, N. J. Luggage carriage harness. 2,670,969, Mar. 2.
- Costner, Durward: *See*—
Weisz, Herman, and Costner. 2,691,602.
- Coston, Joseph E. 2,697,436, Cl. 128—214.
- Cosulich, Donna B., to American Cyanamid Co. 2,688,018, Cl. 260—251.5.
- Cosulich, Donna B., to American Cyanamid Co. 2,694,065, Cl. 260—251.5.
- Cotchett, Louis M.: *See*—
Swanson, Kenneth P., and Butler. 2,691,402.
- Cotchett, Louis M., assignor to Textile Engineering Corporation. 2,678,475, Cl. 19—142.
- Cote, Omer E., and G. H. Nilsen, to United States Automatic Box Machinery Co., Inc. 2,697,968, Cl. 93—51.
- Cote, Ovilla R. 2,678,620, Cl. 113—1.
- Cote, Willcord W. 2,682,302, Cl. 158—76.
- Cotsworth, Albert, III, to Zenith Radio Corp. 2,692,909, Cl. 178—5.8.
- Cotter, Milton A. 2,675,858, Cl. 155—79.
- Cotter, Perry G., assignor to the United States of America as represented by the Solicitor of the Department of the Interior. 2,679,452, Cl. 51—309.
- Cotterell, Frampton: *See*—
Bickell, Stanley F., Cotterell, and Jackson. 2,683,319.
- Cotterell, Maurice S.: *See*—
Fox, Clarence D. 2,689,093.
- Cotterill, Ernest, and E. Robinson, to Courtaulds Ltd. 2,696,847, Cl. 139—420.
- Cotterman, Frank D., assignor to Crane Co. 2,680,251, Cl. 4—292.
- Cottingham, Morrison, Shreveport, La., assignor to W. R. Stephens Investment Company, Inc., Little Rock, Ark. Doughnut making machine. 2,669,949, Feb. 23.
- Cottle, Delmer L.: *See*—
Morway, Arnold J., Young, and Cottle.
Morway, Arnold J., Young, and Cottle. 2,680,719.
Young, David W., and Cottle. 2,683,132.
- Cottle, Delmer L., assignor to Standard Oil Development Company. 2,678,332, Cl. 260—475.
- Cottle, Delmer L., D. W. Young, and F. Knoth, Jr., to Standard Oil Development Co. 2,692,233, Cl. 252—56.
- Cotton, Robert B., and D. B. Doolittle, to All American Engineering Co. 2,692,120, Cl. 258—1.2.
- Cotton, Robert H., G. O. Rorabaugh, and W. A. Harris, assignors to Holly Sugar Corporation. 2,678,288, Cl. 127—46.
- Cotton, William, Ltd.: *See*—
Lynam, John E., and McCarthy. 2,692,489.
- Cotton, William J., to Mathleson Chemical Corp. 2,689,217, Cl. 204—164.
- Cottrell, C. B., & Sons Company, assignee: *See*—
Luehrs, Hans J.
Meyer, Joseph E., and Luehrs.
Ziebell, Theodore R.
- Cottrell, Robert B.: *See*—
Heater, Charles L., and Cottrell. 2,697,406.
- Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,670,856, Mar. 2.
- Cottrell, Robert B., to American Steel Foundries. 2,683,426, Cl. 105—197.
- Cottrell, Robert B., Chicago, and A. T. Richardson, Jr., St. Charles, assignors to American Steel Foundries, Chicago, Ill. Spring group. 2,668,050, Feb. 2.
- Coty, Inc.: *See*—
Crocé, Santy M. 2,689,150.
Martin, Jean R. L.
Martin, Jean R. L. 2,689,665.
- Couch, Glenn F., assignor to The Symington-Gould Corporation. 2,676,069, Cl. 308—84.
- Couch, Robert R. 2,678,019, Cl. 115—50.
- Couffignal, Pierre L., assignor to Societe Civile d'Etudes de Calcul Automatique (S. C. E. C. A.). 2,675,962, Cl. 235—61.
- Coughlan, G. N., Co.: *See*—
Ferro, Michael J. 2,693,864.
- Coughlan, Standly T., Dearborn, assignor to King Paint Roller Inc., Detroit, Mich. Paint roller. 2,669,742, Feb. 23.
- Coughlan, Standly T., Dearborn, assignor to King Paint Roller Inc., Detroit, Mich. Paint roller. 2,669,743, Feb. 23.
- Coughlan, Standly T., assignor to King Paint Roller Inc., Detroit, Mich. Paint roller loading device. 2,669,965, Feb. 23.
- Coughlin, Harry A., assignor to John S. Swift Co., Inc. 2,677,320, Cl. 95—89.
- Coughlin, Leo C., Toronto, Ontario, Canada. Heater for spark plugs. 2,665,672, Jan. 12.
- Coulbourn, William C., and H. J. Sandberg, to The Norden Laboratories Corp. 2,694,927, Cl. 73—182.
- Coulliette, James H., assignor to Industrial Research Institute of the University of Chattanooga, Chattanooga, Tenn. Carpet manufacturing device. 2,671,494, Mar. 9.
- Coulombe, Edwin C., Jr.: *See*—
Johnston, Leith, and Coulombe. 2,691,342.
- Coulombe, Edwin C., Jr., to Automatic Electric Laboratories, Inc. 2,691,692, Cl. 174—50.
- Coulson, John F. 2,685,012, Cl. 200—116.
- Coulter, Albert L. 2,689,582, Cl. 137—484.

- Coulter, Clarence D., to Southwestern Engineering Co. 2,693,205, Cl. 140—109.
- Coulter, Harold B., assignor to The Dorr Company. 2,678,730, Cl. 210—55.
- Coulter, Harold B., to The Dorr Co. 2,681,151, Cl. 210—51.
- Council of Scientific and Industrial Research, The: *See*—Aggarwal, Joti S., Sharma, and Gupta. 2,685,593.
- Siddiqui, Salimuzzaman, and Dhar.
- Counihan, Anita C., to Anita Colby Beauty Chair, Inc. 2,690,209, Cl. 155—49.
- Courchene, Theodore P., to United Shoe Machinery Corp. 2,680,864, Cl. 12—14.2.
- Courcier, Louis K. 2,683,476, Cl. 144—238.
- Coursen, John W.: *See*—Clark, John R., Coursen, and Jordan.
- Court, Jean, Chatelaine-Geneva, assignor to Mefina S. A., Fribourg, Switzerland. Sewing machine. 2,667,133, Jan. 26.
- Courtaulds Ltd.: *See*—Aldred, Fred C., and Turner. 2,683,090.
- Bamford, Clement H., and Hanby. 2,697,085.
- Cotterill, Ernest, and Robinson. 2,696,847.
- Curtis, Geoffrey. 2,674,418.
- Curtis, Geoffrey. 2,697,561.
- Davoud, John G. 2,684,360.
- Reeder, Frank, and Wallsgrove. 2,680,728.
- Wormell, Robert L. 2,691,568.
- Wormell, Robert L., and Williams. 2,684,282.
- White, George. 2,680,280.
- Williams, Harold M., Gordon, and Dyson.
- Courtillot, Emmanuel P., Paris, France, assignor to General Electric Company. Phase modulation system. 2,666,181, Jan. 12.
- Courtney, Arthur W., Jr., to Westinghouse Electric Corp. 2,697,195, Cl. 318—152.
- Courtney, Helen E.: *See*—Courtney, Joseph F. 2,690,481.
- Courtney, Joseph F. 2,694,920.
- Courtney, Joseph F., to International Harvester Co. 2,686,018, Cl. 242—151.
- Courtney, Joseph F., deceased; H. E. Courtney, executrix. 2,690,481, Cl. 200—11.
- Courtney, Joseph F., $\frac{1}{3}$ to T. L. Hedgpeth, $\frac{1}{3}$ to R. L. Berkson, and $\frac{1}{3}$ to H. E. Courtney, by decree of distribution. 2,694,920, Cl. 70—264.
- Courtney, Joseph F., Chicago, and A. C. Radtke, Oak Park, Ill., assignors to International Harvester Company. Receiving mechanism for drawn glass strands. 2,664,671, Jan. 5.
- Courtney, Joseph F., and A. C. Radtke, to International Harvester Co. 2,685,763, Cl. 49—17.
- Courtney, Joseph F., and A. C. Radtke, to International Harvester Co. 2,690,628, Cl. 49—17.
- Courtney, Raymond M.: *See*—Prestidge, Marion T., and Courtney. 2,677,350.
- Courtney, William F. 2,676,015, Cl. 272—58.
- Courtney, William R. 2,674,395, Cl. 226—88.1.
- Courtney, William R. 2,696,939, Cl. 226—86.
- Courtois, Francis, to Société Genevoise d'Instruments de Physique. 2,687,188, Cl. 188—77.
- Courtois, Wilfred U. 2,686,308, Cl. 2—1.
- Courtot, Louis B., assignor to The Weatherhead Company. 2,678,834, Cl. 284—4.
- Courtot, Louis B., assignor to The Weatherhead Company. 2,678,836, Cl. 285—115.
- Courtot, Louis B., to The Weatherhead Co. 2,687,315, Cl. 285—122.
- Coury, Joseph J.: *See*—Smith, Harry G., and Coury. 2,698,012.
- Couse, Kibbey W., Newark, N. J., assignor to Reconstruction Finance Corporation, New York, N. Y. Tail gate for enclosing the rear end of a trailer. 2,669,481, Feb. 16.
- Couse, Kibbey W. 2,677,588, Cl. 312—258.
- Couse, Kibbey W. 2,686,060, Cl. 280—30.
- Cousino, Walter P.: *See*—Hunter, William A., and Cousino. 2,684,692.
- Cousins, Edward, to The Goodyear Tire & Rubber Co. 2,690,780, Cl. 152—349.
- Cousins, Sydne. 2,679,646, Cl. 2—42.
- Couste, Jacqueline H. J.: *See*—Lafeuillade, Marcel. 2,694,305.
- Coutant, Edward R., Stratford, Conn., assignor to General Electric Company. Roll type mercury switch. 2,670,421, Feb. 23.
- Couturier, Tracy F. 2,684,509, Cl. 20—99.
- Covan, Morton. 2,695,130, Cl. 229—73.
- Coven, Benjamin I., C. J. Wintergreen, and L. C. Oliver; said Wintergreen and said Oliver assignors to said Coven. 2,683,507, Cl. 190—12.
- Covert, Claude J., Glen Rock, and J. L. Raffetto, Jr., Ramsey, N. J., assignors to Racine Confectioners' Machinery Co., Racine, Wis. Vacuum system of manufacturing chocolate shells. 2,670,696, Mar. 2.
- Covert, John N., and E. Schoij, to Union Special Machine Co. 2,694,373, Cl. 112—181.
- Covert, William V., to Diamond Chain Co., Inc. 2,683,993, Cl. 74—219.
- Covill, Dennis H., assignor to A. C. Cossor Limited, London, England. Voltage stabilizing apparatus. 2,667,614, Jan. 26.
- Covington, Carl A.: *See*—Earle, Clarence E., and Covington. 2,674,469.
- Covington, James D., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Expandable grounding electrode. 2,670,397, Feb. 23.
- Covington, James M., to Union Oil Co. of California. 2,688,520, Cl. 308—187.1.
- Cowan Boyden Corp.: *See*—Cowan, Clifton J. 2,687,157.
- Cowan, Charles D.: *See*—Nichols, Ralph M., and Cowan.
- Cowan, Charles V., Sacramento, Calif. Folding table. 2,668,089, Feb. 2.
- Cowan, Clifton J., to Cowan Boyden Corp. 2,687,157, Cl. 150—0.5.
- Cowan, Eugene W., assignor to California Institute Research Foundation. 2,676,266, Cl. 250—47.
- Cowan, John C.: *See*—Croston, Clarence B., Teeter, and Cowan.
- Cowan, John V., assignor to Sperry Products, Inc. 2,678,538, Cl. 60—54.5.
- Cowan, William H. B. 2,674,141, Cl. 81—3.3.
- Cowan, William P., assignor to McGraw Electric Company. 2,680,175, Cl. 200—170.
- Cowell, Elmer E.: *See*—Darby, Joseph R., and Cowell. 2,689,837.
- Darby, Joseph R., and Cowell. 2,689,838.
- Cowell, Elmer E., St. Louis County, assignor to Monsanto Chemical Company, St. Louis, Mo. Reduction of extraction of diethylphthalates from plasticized vinyl chloride polymer compositions. 2,671,769, Mar. 9.
- Cowell, Elmer E., St. Louis County, and J. R. Darby, Richmond Heights, assignors to Monsanto Chemical Company, St. Louis, Mo. Stabilizing halogen containing resins with cadmium salts and epoxy esters. 2,671,064, Mar. 2.
- Cowie, Charles T. Y., to Imperial Chemical Industries Ltd. 2,681,271, Cl. 44—74.
- Cowles Chemical Co.: *See*—Moore, Clark M. 2,687,136.
- Cowles Co., The: *See*—Infanger, Arthur W. 2,682,811.
- Cowles, Logan B., to General Electric Co. 2,697,445, Cl. 137—492.
- Cowles, Raymond H., to The General Tire and Rubber Co. 2,690,001, Cl. 29—149.5.
- Cowles, Raymond H., to The General Tire and Rubber Co. 2,693,848, Cl. 155—179.
- Cowlishaw, Frank: *See*—Muschamp, Norman J., and Cowlishaw. 2,690,904.
- Cox, Alvon R., Cuyahoga Falls, assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Making rubbery articles. 2,670,502, Mar. 2.
- Cox, Andrew W., Chase City, Va. Rural mailbox and package support. 2,669,408, Feb. 16.
- Cox, Bradley G., to Baker Perkins Inc. 2,686,595, Cl. 210—73.
- Cox, Charles W., St. Albans, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Treating a running blanket of staple length artificial fibers. 2,665,189, Jan. 5.
- Cox, Charles W., to American Viscose Corp. 2,682,137, Cl. 53—6.
- Cox, Charles W., to American Viscose Corp. 2,682,139, Cl. 53—57.
- Cox, David C.: *See*—Cox, William M., and D. C. 2,696,021.
- Cox, David C., to Electric Sorting Machine Co. 2,690,258, Cl. 209—111.
- Cox, Duncan B. 2,680,184, Cl. 219—19.
- Cox, Duncan B. and J. L. 2,682,596, Cl. 201—69.
- Cox, Frederic L. 2,676,814, Cl. 280—80.
- Cox, George C. 2,687,993, Cl. 204—34.
- Cox, Irvin W., West Allis, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. User-adjustable automatic control. 2,671,839, Mar. 9.
- Cox, Irvin W., assignor to Cutler-Hammer, Inc. 2,677,877, Cl. 29—179.5.
- Cox, John L.: *See*—Cox, Duncan B. and J. L. 2,682,596.
- Cox, John W., to General Package Corp. 2,687,208, Cl. 198—37.
- Cox, Lawrence A., assignor to Airmed Limited. 2,674,999, Cl. 128—195.
- Cox, Martha: *See*—Harrison, Robert E., and Cox. 2,681,967.
- Cox, Martin: *See*—Stevens, Raymond K. P., and Cox. 2,678,193.
- Cox, Robert E.: *See*—Silver, Walter H., and Cox.
- Silver, Walter H., and Cox. 2,690,622.
- Silver, Walter H., and Cox. 2,697,974.
- Cox, Robert T., assignor to Collins Radio Company, Cedar Rapids, Iowa. Shaft control mechanism. 2,669,615, Feb. 16.
- Cox, Robert T., to Collins Radio Co. 2,685,032, Cl. 250—36.
- Cox, Stephen G. 2,695,621, Cl. 132—56.
- Cox and Stevens Aircraft Corporation, assignee: *See*—Muldoon, William J., and Thurston. 2,678,206.
- Thurston, Arthur L.

- Cox, Thomas O., Burbank, H. C. Rankin, North Hollywood, and S. A. Trott, Long Beach, Calif., assignors, by mesne assignments, to T. S. Ansel, Wichita, Kans. Rotatable quick opening valve. 2,672,885, Mar. 23.
- Cox Tire Machinery Co.: See—
Cox, William M., and D. C. 2,696,021.
- Cox, Walter J., Amarillo, Tex. Detachable center armrest for automobile seats. 2,673,591, Mar. 30.
- Cox, Walter L. 2,694,771, Cl. 219—45.
- Cox, William A.: See—
Aguilar, John G., and Cox.
- Cox, William M. and D. C., to W. M. Cox, d. b. a. Cox Tire Machinery Co. 2,696,021, Cl. 18—18.
- Coxe, Edward H., to Ethyl Corp. 2,688,653, Cl. 174—156.
- Coxhead, Ralph C., Corp., assignee: See—
Canham, George E.
- Coyle, William E. 2,695,673, Cl. 166—170.
- Coyne, André, J. Géhin, and J. Bellier, Paris, France. Dam. 2,666,296, Jan. 19.
- Coyner, James M. 2,685,272, Cl. 119—10.
- Coyner, James M. 2,697,414, Cl. 119—71.
- Cozzo, Giuseppe, to Hydropress, Inc. 2,692,421, Cl. 29—155.
- Cozzoli, Frank J., Plainfield, N. J. Machine for washing bulk lots of ampoules, vials, tubes, and the like. 2,671,457, Mar. 9.
- Cozzoli, Frank J., Plainfield, N. J. Handling for processing ampoules in bulk lots. 2,671,742, Mar. 9.
- Cozzoli, Frank J. 2,680,331, Cl. 49—7.
- Cozzoli, Frank J. 2,696,174, Cl. 103—227.
- Cozzoli, Michael, to Fairchild Engine and Airplane Corp. 2,684,218, Cl. 244—137.
- Crabtree, David, & Son Ltd.: See—
Felton, William. 2,684,083.
- Crabtree, George W., Cleveland Heights, Ohio. Spring controlling member. 2,673,625, Mar. 30.
- Crabtree, J. A., & Co., Ltd.: See—
Alter, Siegfried. 2,674,672.
- Besag, Ernst, and Wintle. 2,678,981.
- Besag, Ernst, and Wintle. 2,688,674.
- Crabtree, John I.: See—
Henn, Richard W., and Crabtree. 2,691,588.
- Henn, Richard W., Rasch, and Crabtree. 2,685,513.
- Craddock, Charles I., assignor of 1/2 to F. Schunk. 2,675,827, Cl. 137—560.
- Craft, Chester R., St. Louis, Mo. Hydraulic oil well pump jack. 2,668,517, Feb. 9.
- Crafton, Henry H., to H. H. Robertson Co. 2,693,256, Cl. 189—34.
- Crafton, Henry H., to H. H. Robertson Co. 2,694,475, Cl. 189—34.
- Crafts, Curtis S., assignor to The Goss Printing Press Company. 2,679,802, Cl. 101—378.
- Crafts, Walter, assignor to Union Carbide and Carbon Corporation. 2,674,529, Cl. 75—12.
- Cragg, Richard E., Wilmette, assignor to Teletype Corporation, Chicago, Ill. Error detector for deciphering apparatus. 2,672,507, Mar. 16.
- Cragoe, Edward J., Jr.: See—
Sprague, James M., and Cragoe.
- Craig, Adrian W.: See—
Sears, Robert L., and Craig.
- Craig, Alfred B.: See—
Ham, George E., and Craig.
- Ham, George E., and Craig. 2,691,641.
- Craig, Alfred B., to The Chemstrand Corp. 2,696,478, Cl. 260—30.2.
- Craig, Burnie J., Los Angeles County, Calif. Key. 2,672,747, Mar. 23.
- Craig, Burnie J. 2,686,416, Cl. 70—285.
- Craig, Burnie J. 2,686,417, Cl. 70—285.
- Craig, Burnie J. 2,686,418, Cl. 70—285.
- Craig, Burnie J. 2,686,419, Cl. 70—285.
- Craig, Burnie J. 2,687,031, Cl. 70—264.
- Craig, Burnie J. 2,687,032, Cl. 70—285.
- Craig, Clarence M. and H. B. 2,688,233, Cl. 61—75.
- Craig, Frederick E. 2,683,798, Cl. 240—51.11.
- Craig, Henry B.: See—
Craig, Clarence M. and H. B. 2,688,233.
- Craig, Hugh R. M., C. Morris, and A. Frankel, to The English Electric Co. Ltd. 2,682,991, Cl. 230—116.
- Craig, James W., assignor to Canadian Refractories Limited, Montreal, Quebec, Canada. Thermoplastic refractories. 2,668,775, Feb. 9.
- Craig, Kenneth A., and C. L. Roux De Wet, to Paper Patents Co. 2,697,384, Cl. 92—20.
- Craig, Lester M., and C. D. Bush, to Standard Oil Development Co. 2,696,362, Cl. 251—205.
- Craig, Louis E., to General Aniline & Film Corp. 2,693,471, Cl. 260—294.7.
- Craig, Ollison: See—
Andrews, L. V., and Craig. 2,679,833.
- Cramer Posture Chair Co., Inc.: See—
Cramer, Roy A. 2,692,012.
- Craig, Ruth M. 2,697,646, Cl. 312—229.
- Craig, W E.: See—
Van Hook, John O., and Craig. 2,675,387.
- Craig, W E., and J. O. Van Hook, assignors to Rohm & Haas Company. 2,675,381, Cl. 260—247.5.
- Craig, W E., and C. Lo, assignors to Rohm & Haas Company. 2,680,745, Cl. 260—309.6.
- Craig, W E., and L. S. Luskin, to Dohm & Haas Co. 2,689,255, Cl. 260—454.
- Craig, W E., Chien-Pen Lo, and E. Y. Shropshire, to Rohm & Haas Co. 2,696,496, Cl. 260—455.
- Craighead, Charles M., to The Battelle Development Corp. 2,687,350, Cl. 75—177.
- Craighead, Charles M., to Battelle Development Corp. 2,688,537, Cl. 75—177.
- Craiglow, Robert L.: See—
Pappenfus, Ernest W., and Craiglow. 2,678,966.
- Craiglo, Helen E., assignee: See—
Craiglo, John M. 2,674,798.
- Craiglo, John M., assignor to H. E. Craiglo and J. R. Craiglo. 2,674,798, Cl. 32—19.
- Craiglo, John M. 2,680,295, Cl. 32—19.
- Craiglo, John R., assignee: See—
Craiglo, John M. 2,674,798.
- Craigon, Adam. 2,687,613, Cl. 60—39.37.
- Crake, Wilfred S., Kilgore, Tex., assignor to Shell Development Company, Emeryville, Calif. Sucker rod sand trap. 2,669,940, Feb. 23.
- Crake, Wilfred S., Kilgore, Tex., assignor to Shell Development Company, San Francisco, Calif. Jet-type drilling jar. 2,673,070, Mar. 23.
- Crake, Wilfred S., assignor to Shell Development Company. 2,678,190, Cl. 254—145.
- Crake, Wilfred S., assignor to Shell Development Company. 2,678,696, Cl. 166—18.
- Crake, Wilfred S., to Shell Development Co. 2,695,670, Cl. 166—43.
- Cram, Hervey G., assignor to Combined Locks Paper Co. 2,679,193, Cl. 92—34.
- Cram, Hervey G. 2,696,679, Cl. 34—119.
- Cramer, Clifford H.: See—
Cannon, William D., Newell, and Cramer. 2,683,188.
- Cramer, David L., to Texaco Development Corp. 2,697,062, Cl. 195—3.
- Cramer Posture Chair Co., Inc., assignee: See—
Cramer, Roy A.
- Cramer, Roy A., assignor to Cramer Posture Chair Co., Inc., Kansas City, Mo. Molding for chair backs or the like. 2,673,600, Mar. 30.
- Cramer, Roy A., to Cramer Posture Chair Co., Inc. 2,692,012, Cl. 155—156.
- Cramer, William J., Jr., C. F. Horn, and F. E. Lizer, to Celanese Corp. of America. 2,684,586, Cl. 68—176.
- Crampton Manufacturing Company, assignee: See—
Jacobson, Edwin B.
- Crandall, Elly M.: See—
Crandall, William J. and E. M. 2,680,621.
- Crandall, Eugene L., assignor to General Electric Company. 2,679,677, Cl. 28—80.
- Crandall, Eugene L., and V. A. Sheals, to General Electric Co. 2,690,984, Cl. 154—2.27.
- Crandall, Frank F., assignor to Photo Research Corporation. 2,674,154, Cl. 88—22.5.
- Crandall, John N., St. Louis, and G. A. Richardet, St. Louis County, assignors to Brown Shoe Company, Inc., St. Louis, Mo. Shoe and foot length comparator. 2,672,688, Mar. 23.
- Crandall, Roland E.: See—
Feeney, Thomas A., Glenn, Degenfelder, Crandall, and Ripley.
- Crandall, Ronald E., to Northrop Aircraft, Inc. 2,682,381, Cl. 244—42.
- Crandall, William J. and E. M., assignors to Click, Inc. 2,680,621, Cl. 273—150.
- Crane & Breed Casket Co., The: See—
Slaughter, Bernard J., Jr.
- Slaughter, Bernard J., Jr., and Murnahan. 2,691,807.
- Crane, Carl J. 2,685,226, Cl. 88—24.
- Crane, Carlton L.: See—
Malm, Carl J., and Crane. 2,675,377.
- Crane, Carlton L., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of high acetyl cellulose acetate. 2,673,202, Mar. 23.
- Crane, Clarence L.: See—
Carris, James M., and Crane.
- Crane Co.: See—
Cantalupo, Francis J.
- Carr, Edward W. 2,693,825.
- Carr, Edward W., and Daehler. 2,676,607.
- Cotterman, Frank D. 2,680,251.
- Dopp, Carl A., Schmidt, and De Craene. 2,681,787.
- Fredrickson, Edward A., and Stone. 2,675,017.
- Hansen, George E. 2,676,058.
- Hansen, George E. 2,680,649.
- Hansen, George E. 2,698,160.
- Hjulian, Julius A. 2,684,268.
- Hjulian, Julius A. 2,685,115.
- Hjulian, Julius A. 2,694,349.
- Magos, John P., and Hansen. 2,689,145.
- Schmidt, Edward G., and Yant. 2,694,901.
- Svabek, John E., Jr.
- Crane, Denis P.: See—
Ford, Ronald M., and Crane. 2,679,801.
- Ford, Ronald M., and Crane. 2,692,575.
- Crane, Edward S.: See—
Ford, Ronald M., and Crane. 2,695,091.
- Sharp, Allen W., and Crane. 2,688,765.

- Crane, Grant, and W. S. Barnhart, to The Firestone Tire & Rubber Co. 2,686,207, Cl. 260—653.
- Crane, Harold C., Toronto, Ontario, Canada. Control for operating elevator systems. 2,664,971, Jan. 5.
- Crane, Harold S., assignor to Shellmar Products Corporation. 2,677,490, Cl. 229—15.
- Crane, Henry M., to General Motors Corp. 2,692,135, Cl. 267—52.
- Crane Packing Co.: *See—*
Haake, Paul T. Re. 23,898.
McElvenny, William H.
Roshong, Raymond G., and Peickil. 2,688,215.
Stack, Theodore T. 2,688,720.
Voytech, Charles F.
White, Fred L. 2,687,603.
- Crane, Victor S., assignor to Delpark Corporation, Lebanon, Ind. Liquid filter device. 2,665,812, Jan. 12.
- Crane, Walton B., Los Angeles County, assignor to Max Factor & Co., Los Angeles, Calif. Container. 2,672,274, Mar. 16.
- Crane, William B., Jr. 2,694,488, Cl. 206—65.
- Cranston, Albert E., Jr. 2,674,959, Cl. 107—21.
- Cranston, Albert E., Sr. 2,687,082, Cl. 100—28.
- Cranston, Albert E., Sr. 2,687,083, Cl. 100—28.
- Cranston, Margaret S.: *See—*
Cranston, Robert A. 2,687,180.
- Cranston Print Works Co.: *See—*
Jones, Albert S. 2,695,653.
- Cranston, Robert A., deceased (M. S. Cranston, administratrix), to Grinnell Corp. 2,687,180, Cl. 169—1.
- Crapuchettes, Paul W., Palo Alto, assignor to Litton Industries Inc., San Carlos, Calif. Compensating circuit for cavity resonator devices. 2,673,296, Mar. 23.
- Crary, Jay D., to Paper Strap Inc. 2,682,990, Cl. 229—37.
- Crask, James A., and R. L. McIntire, to Phillips Petroleum Co. 2,687,343, Cl. 23—288.
- Crauland, Marc J. L., assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain. 2,674,573, Cl. 204—163.
- Craven, Robert L., to E. I. du Pont de Nemours and Co. 2,694,076, Cl. 260—340.
- Craven, Robert L., and W. V. Patton, to E. I. du Pont de Nemours & Co. 2,694,016, Cl. 117—46.
- Craven, Tillard, assignee: *See—*
Edwards, Mitchell. 2,673,990.
- Craver, William J., Fayetteville, Ohio. Single wheel garden and truck tractor drive. 2,670,052, Feb. 23.
- Cravotta, Samuel A. 2,680,643, Cl. 294—50.6.
- Crawford, Arthur C. 2,676,422, Cl. 36—3.
- Crawford, Carlos E. 2,677,387, Cl. 137—202.
- Crawford, Clark A., and J. F. Frazier, assignors to Corning Glass Works, Corning, N. Y. Electric appliance stand. 2,666,128, Jan. 12.
- Crawford, Claud F., to The Scholl Mfg. Co., Inc. 2,689,348, Cl. 2—2.
- Crawford, Claud F., to The Scholl Mfg. Co. Inc. 2,689,350, Cl. 2—268.
- Crawford, Duffer B.: *See—*
Jurgensen, Delbert F., Jr., and Crawford. 2,694,246.
- Crawford, Duffer B., assignor, by mesne assignments, to E. T. Oakes Corporation. 2,679,866, Cl. 138—44.
- Crawford, Howard E., Toledo, Ohio. Foot control for dental engines. 2,671,268, Mar. 9.
- Crawford, James H.: *See—*
Christian, Raymond A., Ganger, Crawford, and Johnson.
- Crawford, John M.: *See—*
Doty, William E. N., and Crawford. 2,688,124.
- Crawford, Louis L., Western Springs, assignor to The Allbright-Nell Company, Chicago, Ill. Container with removable cover and cover clamping means for securing the cover in place. 2,665,822, Jan. 12.
- Crawford, Perry, Jr.: *See—*
Gore, Owen L., Crawford, and Gams. 2,686,470.
- Crawford, Richard A., and R. T. Morrissey, to The B. F. Goodrich Co. 2,681,899, Cl. 260—45.7.
- Crawford, Russell F.: *See—*
Nuessle, Albert C., and Crawford. 2,692,182.
- Crawford, Thomas J. 2,687,464, Cl. 219—6.
- Crawford, Thomas J. 2,687,465, Cl. 219—6.
- Crawford, William F., to Edward Valves, Inc. 2,690,004, Cl. 29—423.
- Crawley, Arthur, J. N. Binns, and T. E. Dugle, Cincinnati, Ohio; said Binns and said Dugle assignor to said Crawley. Automatic discharge apparatus for book rounding machines and the like. 2,670,090, Feb. 23.
- Crawley, Charles H., assignor to The Weatherhead Company. 2,674,785, Cl. 29—157.
- Crawley, Charles H., assignor to The Weatherhead Company. 2,674,786, Cl. 29—157.
- Crawley, James B., Campbellsville, Ky. Apparatus for electronically locating nerve irritations. 2,669,986, Feb. 23.
- Crayford, Robert M. 2,693,501, Cl. 178—69.5.
- Creamer, Edgar M., Jr.: *See—*
Boothroyd, Wilson P., and Creamer. 2,680,153.
- Creamer, Edgar M., Jr., assignor to Philco Corporation. 2,674,651, Cl. 178—5.4.
- Creamer, Edgar M., Jr., assignor to Philco Corporation. 2,680,152, Cl. 179—15.
- Creamer, Edgar M., Jr., to Philco Corp. 2,681,381, Cl. 178—5.4.
- Creamer, Edgar M., Jr., and M. E. Partin, assignors to Philco Corporation, Philadelphia, Pa. Electrical system. 2,667,534, Jan. 26.
- Creamer, Everett C.: *See—*
Gleason, Wayne E., and Creamer. 2,675,987.
- Creamery Package Mfg. Company, The, assignee: *See—*
Franz, Henry H. 2,679,347.
- Crececius, Harry G., to Owens-Illinois Glass Co. 2,692,503, Cl. 73—425.4.
- Crececius, Samuel B., to Devoe & Reynolds Co., Inc. 2,698,308, Cl. 260—18.
- Crede, Charles E., assignor to The Barry Corporation. 2,680,585, Cl. 248—21.
- Creed and Company Limited, assignee: *See—*
Salmon, Reginald D. 2,675,425.
Salmon, Reginald D., Munck, and Turner.
- Creed, William J. 2,678,142, Cl. 215—100.
- Creedon, Neil J. 2,678,735, Cl. 211—74.
- Creek, John O., to A. V. Roe Canada Ltd. 2,690,703, Cl. 90—11.
- Creek, John O., and E. W. Dawson, assignors to A. V. Roe Canada Limited. 2,676,521, Cl. 90—24.3.
- Creelman, Raymond C. 2,692,599, Cl. 128—303.
- Crego, Francis T., East Orange, and H. R. Fisher, Metuchen, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y. Desulfurization and decarburization of iron and iron alloys. 2,665,982, Jan. 12.
- Crehan, William J.: *See—*
Gutzeit, Gregoire, Crehan, and Krieg. 2,690,401.
Gutzeit, Gregoire, Crehan, and Krieg. 2,690,403.
- Crehan, William J., to General American Transportation Corp. 2,690,402, Cl. 117—47.
- Creighton, Allen M., Jr., to Motorola, Inc. 2,695,979, Cl. 317—235.
- Creighton, Charles, assignee: *See—*
Thompson, Tom H.
- Creighton, Charles W., Jr., assignee: *See—*
Fredericks, Robert W.
- Creighton, Russell, and T. H. Speller, to The American Laundry Machinery Co. 2,681,556, Cl. 68—18.
- Creighton, Stephen M.: *See—*
Baker, Harold G., and Creighton. 2,697,105.
- Crelo Mfg. Co., Inc.: *See—*
Lime, Ermal J., and Hedges. 2,684,782.
- Cremer, Frederick. 2,693,411, Cl. 75—46.
- Crenshaw, William H.: *See—*
Dehn, George L. C., and Crenshaw. 2,682,032.
- Creo-Dipt Company, Inc., assignee: *See—*
Fink, Carl J., and Heintz.
- Crepeau, Wilfred J., and V. A. Sullivan, Jr., to The Stepan Chemical Co. 2,694,658, Cl. 134—26.
- Cresale Inc.: *See—*
Reichenbach, Howard F. 2,683,899.
- Crescent Insulated Wire & Cable Co., Inc.: *See—*
Staller, Alfred W. 2,689,713.
- Crescenzo, Francis C., assignor to Package Machinery Company. 2,675,658, Cl. 53—129.
- Creson, William K., C. V. Gagen, and E. C. Knight, to Ross Gear & Tool Co. 2,682,778, Cl. 74—388.
- Crespi, Giovanni, and F. D. Bella; said Bella assignor to said Crespi. 2,684,842, Cl. 266—43.
- Cresswell, Arthur, assignor to American Cyanamid Company. 2,676,161, Cl. 260—31.2.
- Crest Specialty (Not Inc.): *See—*
Jones, Charles E. 2,693,194.
- Cretzler, Donald J., to Milwaukee Gas Specialty Co. 2,696,350, Cl. 236—75.
- Creveling, Catherine B., and E. V. Pennell, Patterson, N. Y. Clothes hanger. 2,672,989, Mar. 23.
- Crewson, George G., and M. E. Bretschger, to Buffalo Electro-Chemical Co., Inc. 2,684,889, Cl. 23—207.
- Cribben and Sexton Co.: *See—*
Nelson, James A., Algiro, and Webber. 2,682,922.
Nelson, James A., Kamin, and Wolske. 2,676,582.
- Crim, Wilbur C.: *See—*
Shaw, Willard C., and Crim. 2,696,321.
- Criner, Harry E., assignor to Heyl & Patterson, Inc., Pittsburgh, Pa. Drier system. 2,671,968, Mar. 16.
- Criner, Harry E., to Heyl & Patterson, Inc. 2,696,588, Cl. 324—40.
- Criner, Harry J., assignor of 1/2 to A. G. Bush. 2,679,274, Cl. 146—150.
- Cripe, Gene H., and R. J. Petersen, to Utility Appliance Corp. 2,692,749, Cl. 248—240.
- Cripe, Maxwell L., to Bendix Aviation Corp. 2,686,651, Cl. 251—263.
- Crippen, John K. 2,674,018, Cl. 21—127.
- Crippen Mfg. Co.: *See—*
Frevort, Albert A. 2,692,047.
- Cripps, Harry N.: *See—*
Coffman, Donald D., and Cripps.
- Cris Trust: *See—*
Hering, Willy. 2,687,373.
- Crisafulli, Peter G., Newark, N. J. Weight actuated mechanism. 2,667,254, Jan. 26.
- Crisanti, Joseph. 2,687,539, Cl. 7—14.55.
- Crisp, Phillip L. 2,678,018, Cl. 114—123.
- Crisp, Wilbur C. 2,694,572, Cl. 273—1.5.
- Cristalerias Rigolleau Sociedad Anonima, assignee: *See—*
Zampieri, Carlos F. 2,676,436.
- Cristy, Charles O. 2,685,750, Cl. 36—17.

- Criswell, Byron R. : *See*—
Gustafson, Gilbert E., and Criswell.
- Criswell, Cash V. : *See*—
Masterson, Melvin I., Jr., and Criswell. 2,692,753.
- Criswell, Chesney H. : *See*—
Oxnard, Benjamin A., Criswell, and Thomas.
- Criswell, Ralph E., 50% to L. B. Kingsley. 2,683,937, Cl. 33—217.
- Criswell, Walter H. 2,695,150, Cl. 248—101.
- Critch, John H. G., assignor to International Standard Electric Corporation. 2,678,171, Cl. 242—5.
- Crites, Joe, Larchmont, assignor to Combustion Engineering, Inc., New York, N. Y. Cyclone separator. 2,667,944, Feb. 2.
- Crites, Joe, to Combustion Engineering, Inc. 2,697,408, Cl. 110—106.
- Crites, Joe, A. Bogot, and L. J. Andresen, to Combustion Engineering, Inc. 2,698,142, Cl. 241—53.
- Critoph, David I., Lancaster, and A. A. Gradisar, Snyder, N. Y., assignors to American Optical Company, Southbridge, Mass. Incandescent light source and condensing system for optical projectors. 2,673,489, Mar. 30.
- Crittendon, Lexie R., assignor to Remington Arms Company, Inc. 2,675,638, Cl. 42—69.
- Crittendon, Lexie R., and W. Gail, Jr., to Remington Arms Co., Inc. 2,685,754, Cl. 42—16.
- Croce, Michele, and C. G. Shuttleworth, to Certain-Teed Products Corp. 2,681,863, Cl. 106—109.
- Croce, Santy M., to Coty, Inc. 2,689,150, Cl. 299—86.
- Crockett, Clarence V., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Heating system for automobiles. 2,672,294, Mar. 16.
- Crockett, Donald P. 2,685,978, Cl. 215—78.
- Crockett, Ernest L. 2,682,888, Cl. 137—416.
- Crockett, Ernest L. 2,692,610, Cl. 137—413.
- Crockett, Thomas W., Williamston, N. C., assignor to Mathieson Chemical Corporation. Irrigation pipe line coupling. 2,672,356, Mar. 16.
- Crockett, William G., Jr. 2,679,420, Cl. 292—300.
- Crocambe, Frederick F., Gerrard's Cross, England, and G. T. Hill, Londonderry, Northern Ireland, assignors to Blackburn and General Aircraft Limited, Brough, England. Selective dual aileron control for aircraft. 2,665,085, Jan. 5.
- Croft, Charles P. : *See*—
Gladfelter, Wiltie L., and Croft.
- Croft, Harry P., Greens Farms, Conn., assignor to Kenne-cott Copper Corporation, New York, N. Y. Machinable titanium base tellurium alloy. 2,668,109, Feb. 2.
- Croker, Arthur W. : *See*—
Doeg, Paul R., and Croker.
- Croley, Donald R. : *See*—
Wachtel, Jacques L., Croley, and Murtaugh. 2,684,361—3.
- Crom, Jack : *See*—
Crom, John M., and J. Crom. 2,696,040.
- Crom, John M. and J.; said J. M. Crom, assor. to The Preload Co., Inc. 2,696,040, Cl. 29—452.
- Cromeans, John S., and N. C. Carter, to Phillips Petroleum Co. 2,696,495, Cl. 260—450.
- Cromie, David : *See*—
Sutton, Robert J., and Cromie. 2,691,147.
- Crompton, Arthur : *See*—
Bell, William T., and Crompton. 2,677,442.
- Crompton, George, Jr. : *See*—
Comstock, George E., 3d, and Crompton. 2,695,478.
- Crompton & Knowles Jacquard & Supply Company, assignee : *See*—
Foster, Herbert V. 2,675,833.
- Crompton & Knowles Loom Works : *See*—
Darwin, Clifford. 2,685,307.
- Herard, Archibald J., Jr., and Turner. 2,679,267.
- Holmes, Elbridge R. 2,685,896.
- Nims, Philip A. 2,693,828.
- Turner, Richard G. 2,675,028.
- Turner, Richard G. 2,693,829.
- Turner, Richard G. 2,693,831.
- Wakefield, Walter H. 2,675,027.
- Cromwell, Herbert F., and S. J. Galla, to Ford Motor Co. 2,693,616, Cl. 16—85.
- Cronberger, Luther C. 2,680,296, Cl. 33—41.
- Cronheim, Georg E., and P. Lucas, to The S. E. Massengill Co. 2,681,341, Cl. 260—295.5.
- Cronin, Leo J., Natick, assignor to Raytheon Manufacturing Company. 2,675,498, Cl. 313—343.
- Cronin, Leo J., to Raytheon Mfg. Co. 2,682,511, Cl. 252—488.
- Cronin, Leo J., to Raytheon Mfg. Co. 2,696,652, Cl. 25—157.
- Cronkrite, John T., Tulsa, Okla. Device for controlling flow in pipe lines. 2,666,445, Jan. 19.
- Cronshey, Raymond W. : *See*—
Ehrbar, Edward J., and Cronshey.
- Crook, William C. H., Hounslow, assignor to D. Napier & Son Limited, London, England. Apparatus for tracing the profiles of devices. 2,672,690, Mar. 23.
- Crooke, Harry H., Jr. 2,676,661, Cl. 166—1.
- Crooker, David E. : *See*—
Sprigg, Edward A. 2,683,317.
- Crooker, David E., 1/2 to Lloyd L. Felker. 2,696,864, Cl. 152—211.
- Crooks, Earl G., to Lestershire Spool Mfg. Co. 2,690,885, Cl. 242—124.
- Crooks, Harry M., Jr., assignor to Parke, Davis & Company, Detroit, Mich. Composition of matter. 2,671,748, Mar. 9.
- Crooks, Harry M., Jr., to Parke, Davis & Co. 2,692,896, Cl. 260—562.
- Crooks, Louis G., assignor to General Motors Corporation. 2,678,345, Cl. 136—178.
- Crooks, Ralph K., assignor to Westinghouse Air Brake Company. 2,677,050, Cl. 250—20.
- Crooks, William R., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Gas fueled supercharged four cycle engine. 2,670,594, Mar. 2.
- Crookston, Robert R., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Air pilot valve. 2,672,886, Mar. 23.
- Crookston, Robert R., assignor, by mesne assignments, to Standard Oil Development Company. 2,678,065, Cl. 137—793.
- Crookston, Robert R., to Standard Oil Development Co. 2,687,742, Cl. 137—115.
- Crookston, Robert R., to Standard Oil Development Co. 2,688,386, Cl. 188—196.
- Crookston, Robert R., to Standard Oil Development Co. 2,690,847, Cl. 214—25.
- Crookston, Robert R., and A. L. Seljos, Houston, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Control valve. 2,665,713, Jan. 12.
- Crookston, Robert R., and A. L. Seljos, Houston, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Device for giving angular motion when shifting jaw clutches. 2,668,450, Feb. 9.
- Crookston, Robert R., and I. Moser, to Standard Oil Development Co. 2,697,999, Cl. 116—34.
- Croome, Clifford : *See*—
Bourne, Joseph B., and Croome. 2,696,280.
- Crop King Co., a division of the Richey and Gilbert Co. : *See*—
Cameron, Eric C., and Woods. 2,686,572.
- Cropley, William D., Canton, assignor to The Hoover Company, North Canton, Ohio. Filter and making the same. 2,672,213, Mar. 16.
- Crosby, Edward L., Jr., Baltimore, assignor to Bendix Aviation Corporation, Towson, Md. Maximum gain-band width amplifier system. 2,668,881, Feb. 9.
- Crosby, Gilmore E., and J. A. Markoski, to Radio Corp. of America. 2,697,668, Cl. 117—33.5.
- Crosby, Hartzell L. : *See*—
Gray, Kenneth R., Crosby, and Steinberg. 2,675,297.
- Crosby, John W., assignee : *See*—
Crosby, Wilbur D.
- Crosby, Lawrence E., and C. F. Hayden, to Bendix Aviation Corp. 2,697,940, Cl. 73—118.
- Crosby, Melvin A., to The Commonwealth Engineering Co. of Ohio. 2,682,710, Cl. 33—181.
- Crosby, Murray G. 2,684,438, Cl. 250—15.
- Crosby, Wilbur D. : *See*—
Giusto, Joseph F. 2,695,355.
- Crosby, Wilbur D., assignor of twenty-five per cent to W. L. Hillman, Orinda, and twenty-five per cent to J. W. Crosby, Modesto, Calif. Hair vacuum cleaner. 2,668,315, Feb. 9.
- Crosby, William H. 2,685,399, Cl. 229—22.
- Crosman, Loring P., assignor to Remington Rand Inc. 2,676,249, Cl. 250—27.
- Crosman, Loring P., to Remington Rand Inc. 2,693,593, Cl. 340—347.
- Crosman, Loring P., Darien, Conn., and H. J. Chall, San Leandro, Calif., assignors to Remington Rand Inc., New York, N. Y. Accounting machine. 2,668,494, Feb. 9.
- Crosnoe, Ted F. : *See*—
Crouch, Willie W., and Crosnoe. 2,688,009.
- Cross Company, The, assignee : *See*—
Cross, Ralph E., and Jessen. 2,679,038.
- Cross, Frank, to Hawker Aircraft Ltd. 2,696,143, Cl. 89—37.5.
- Cross, James H., Lewis, Kans. Cylinder with variable stop mechanism. 2,669,972, Feb. 23.
- Cross, James M., and R. L. Mayhew, to General Aniline & Film Corp. 2,692,837, Cl. 117—65.
- Cross, James M., and R. L. Mayhew, to General Aniline & Film Corp. 2,693,430, Cl. 117—121.
- Cross, James M., and M. E. Chiddix, to General Aniline & Film Corp. 2,694,727, Cl. 260—508.
- Cross, Joseph A., Westerville, Ohio, assignor to Mojonnier Bros., Inc., Chicago, Ill. Evaporator. 2,672,926, Mar. 23.
- Cross, June C. 2,694,204, Cl. 2—174.
- Cross, Lawrence P. 2,674,004, Cl. 17—34.
- Cross, Lawrence P. 2,689,972, Cl. 17—34.
- Cross, Lawrence P. 2,697,850, Cl. 17—34.
- Cross, Mary F., executrix : *See*—
Cross, Roy.
- Cross, Neville M. : *See*—
Tozer, Harold, Cross, and Goodey.
- Cross, Ralph E., Grosse Pointe, Mich. Locating and clamping mechanism. 2,672,675, Mar. 23.
- Cross, Ralph E., Grosse Pointe Shores, Mich. Traverse-and-feed-valve assembly. 2,672,884, Mar. 23.
- Cross, Ralph E., Grosse Pointe Shores, Mich. Locating and clamping mechanism. 2,673,386, Mar. 30.

- Cross, Ralph E., Grosse Pointe Shores, and K. O. Tech, East Detroit, Mich.; said Tech assignor to said Cross. Cutter driver for machine tools. 2,672,789, Mar. 23.
- Cross, Ralph E., and W. H. Jessen, assignors to The Cross Company. 2,679,038, Cl. 340—267.
- Cross, Roy, deceased; M. F. Cross and First National Bank of Kansas City, executors, assignors to Kansas City Testing Laboratory, Kansas City, Mo. Brush and synthetic bristles for imparting antiseptic properties. 2,670,489, Mar. 2.
- Cross, Sherwood T., Elsmere, assignor to Atlas Powder Company, Wilmington, Del. Agents for preventing loss of gloss in candy coatings. 2,671,027, Mar. 2.
- Cross, Sherwood T., to Atlas Powder Co. 2,684,948 Cl. 252—311.5.
- Cross, Sherwood T., to Atlas Powder Co. 2,690,978, Cl. 106—277.
- Cross, Walter M., Jr., assignor to Kansas City Testing Laboratory, Kansas City, Mo. Winning potassium chloride from underground deposits. 2,665,124, Jan. 5.
- Cross, Walter M., Jr., to Kansas City Testing Laboratory. 2,685,438, Cl. 262—3.
- Cross, Walter M., Jr., and J. G. Hawthorne, to Kansas City Testing Laboratory. 2,685,523, Cl. 106—14.
- Cross, Willard R. 2,685,900, Cl. 146—118.
- Cross, Willis J., Jr.: *See*—
King, Alfred S., and Cross.
- Crossan, Jesse R.: *See*—
Pfeiffer, Fred B. 2,693,618.
- Crosse & Blackwell Co., The: *See*—
Bruns, Lawrence A. 2,684,167.
- Crosset Company, The, assignee: *See*—
Crosset, Richard B.
- Crosset, Richard B., assignor to The Crosset Company, Cincinnati, Ohio. Method and apparatus for processing leafy vegetables. 2,666,711, Jan. 19.
- Crossland, Theodore K., to M. G. Flynn. 2,688,881, Cl. 74—412.
- Crossley, James E., to Allied Chemical & Dye Corp. 2,685,369, Cl. 210—42.5.
- Crossley, Moses L., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Therapeutic composition containing triethylene melamine. 2,671,044, Mar. 2.
- Crossley, Moses L., C. M. Hofmann, and P. F. Dreisbach, assignors to American Cyanamid Company. 2,677,684, Cl. 260—244.
- Crossley, Moses L., C. M. Hofmann, and P. F. Dreisbach, assignors to American Cyanamid Company. 2,677,685, Cl. 260—244.
- Crosslin, William M. 2,695,759, Cl. 248—46.
- Crosswell, Flay D.: *See*—
Schacht, Clifford A., Jr., and Crosswell. 2,686,926.
- Crost, Munsey E., to the United States of America as represented by the Secretary of the Army. 2,682,045, Cl. 340—324.
- Crosti, Piero. 2,679,238, Cl. 122—75.
- Croston, Clarence B., H. M. Teeter, and J. C. Cowan, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Polymerization process using hydrogen fluoride. 2,670,361, Feb. 23.
- Croston, Edward L., to American Mfg. Co., Inc. 2,685,374, Cl. 214—1.
- Crosswell, Althos M., and B. G. Winstrom, to A. O. Smith Corp. 2,692,159, Cl. 294—81.
- Crothers, Volney M., Lambert, Miss. Tube puncture testing machine. 2,672,752, Mar. 23.
- Crotty, Francis W., and E. M. Roschke, to Zenith Radio Corp. 2,691,061, Cl. 178—5.1.
- Crotty, Jack E., to The Aetna-Standard Engineering Co. 2,688,680, Cl. 201—56.
- Crouch, Harry G., and C. B. Richey, to Ford Motor Co. 2,690,110, Cl. 97—47.62.
- Crouch, Marshall C., Jr., Golden, assignor to Pipeline Protection Company, Denver, Colo. Protective coating for ferrous metal surfaces. 2,671,007, Mar. 2.
- Crouch, Willie W., to Phillips Petroleum Co. 2,686,171, Cl. 260—79.3.
- Crouch, Willie W., and R. T. Werkman, assignors to Phillips Petroleum Company. 2,676,973, Cl. 260—455.
- Crouch, Willie W., and R. T. Werkman, assignors to Phillips Petroleum Company. 2,676,974, Cl. 260—455.
- Crouch, Willie W., and R. T. Werkman, to Phillips Petroleum Co. 2,682,554, Cl. 260—461.
- Crouch, Willie W., and W. B. Reynolds, to Phillips Petroleum Co. 2,687,444, Cl. 260—763.
- Crouch, Willie W., and T. F. Crosnoe, to Phillips Petroleum Co. 2,688,009, Cl. 260—47.
- Croucher, Antony H., Esher, assignor to Wildt and Company Limited, Bookham, England. Pirn winding machine. 2,673,039, Mar. 23.
- Croucher, Antony H. 2,681,703, Cl. 164—86.
- Croucher, Henry G., assignor to William Clowes & Sons Limited, Beccles, England. Apparatus for controlling sequences of operations by traveling record-bearing means for typographical composing, printing, and like operations. 2,672,973, Mar. 23.
- Croucner, Henry G., assignor to William Clowes & Sons Limited, Beccles, England. Mold arrangement, especially for typographical composing apparatus or machines. 2,672,975, Mar. 23.
- Crouse-Hinds Co.: *See*—
Avery, Leon M.
Griffin, Guy G. 2,682,952.
Jeffers, Walter M. 2,691,126.
Jeffers, Walter M. 2,697,217.
- Crovatto, Milziada. 2,690,718, Cl. 105—354.
- Crow, Amos E. 2,696,790, Cl. 103—120.
- Crow, Robert J. H. 2,695,717, Cl. 214—330.
- Crowder, Alexander N.: *See*—
Rabkin, Samuel, and Crowder.
Roberts, Lawrence M., Crowder, and Rabkin. 2,689,019.
- Crowder, John H. 2,696,240, Cl. 153—32.
- Crowder, Wilbert L. 2,678,675, Cl. 152—313.
- Crowe, Charles G., to General Motors Corp. 2,682,968, Cl. 220—29.
- Crowe, John A., to Bird & Son, Inc. 2,686,009, Cl. 238—283.
- Crowell, Arnold B., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Record controlled printing means. 2,669,178, Feb. 16.
- Crowell, Arnold B., to International Business Machines Corp. 2,687,087, Cl. 101—93.
- Crowell Consulting Company, assignee: *See*—
Crowell, John H.
- Crowell, Gordon W. 2,684,080, Cl. 137—515.5.
- Crowell, Henry M. 2,692,326, Cl. 219—19.
- Crowell, John H., assignor to Crowell Consulting Company, Houston, Tex. Earth drilling apparatus. 2,669,431, Feb. 16.
- Crowell, Sidney H.: *See*—
Kutzler, Robert J., Di Vette, and Crowell. 2,684,074.
- Crowley, Cornelius J., to The Seamless Rubber Co. 2,688,488, Cl. 273—65.
- Crowley, Duncan J.: *See*—
James, Melvin J., and Crowley. 2,690,413.
- Crowley, John A., Jr., assignor to Socony-Vacuum Oil Company, Incorporated. 2,676,142, Cl. 196—52.
- Crowley, Raymond P.: *See*—
Morin, Joseph R., Midgley, and Crowley.
- Crowley, Richard J. 2,678,096, Cl. 164—17.5.
- Crown Controls Co., Inc.: *See*—
Dicke, Carl H.
Dicke, Carl H. 2,678,432.
Dicke, Paul A., and Gilbert. 2,693,255.
- Crown Cork & Seal Co., Inc.: *See*—
Breeback, Rudolph H. 2,679,346.
Day, Carl L., and Breeback. 2,692,075.
Day, Carl L., and Fauth. 2,676,742.
Day, Carl L., and Fauth. 2,692,671.
Day, Carl L., and Fauth. 2,696,338.
Day, Carl L., and Pahl. 2,685,396.
Duhan, Frederick W. 2,684,627.
Erhardt, John E., Jr.
Moore, William H. 2,693,782.
Wilckens, Eibe A.
- Crown Hosiery Mills, Inc.: *See*—
Wagoner, Bruce G. 2,685,185.
- Crown Zellerbach Corp.: *See*—
Erdtman, Holger G. H. 2,680,748.
King, Glengarry D., and Harkema.
Linehan, James W. 2,685,150.
- Crowther, Edmond C., to Illinois Tool Works. 2,684,703, Cl. 151—21.
- Crowther, Edmond C., to Illinois Tool Works. 2,684,704, Cl. 151—21.
- Crowther, Edmond C., to Illinois Tool Works. 2,687,862, Cl. 248—27.
- Crowther, James L. 2,692,939, Cl. 240—46.41.
- Croxen, Donald J. 2,690,215, Cl. 160—173.
- Croze, Martin W., and P. L. Hedrick, to Minnesota Mining & Mfg. Co. 2,689,805, Cl. 117—65.
- Crozier, William D., to the United States of America as represented by the Secretary of the Navy. 2,687,094, Cl. 102—70.2.
- Crucible Steel Co. of America: *See*—
Ferm, John F. 2,675,720.
Payson, Peter. 2,676,098.
Schempp, Reinhold, Payson, and Chow. 2,686,116.
- Cruckshank, Ira G., to General Electric Co. 2,695,055, Cl. 158—36.4.
- Crum, Stephen, to Minneapolis-Honeywell Regulator Co. 2,698,159, Cl. 251—129.
- Crumbley, Cecil F.: *See*—
Buck, Mortimer P., Crumbley, and Leaberry. 2,686,860.
- Crumling, Wayne S. 2,695,821, Cl. 308—6.
- Crummett, Alan: *See*—
Speakman, John B., and Crummett. 2,692,420.
- Crummett, Warren B., and V. A. Stenger, assignors to The Dow Chemical Company. 2,677,598, Cl. 23—87.
- Crump, Clifford D. 2,682,670, Cl. 5—82.
- Crump, Elmo E.: *See*—
Foster, Harry R., and Crump. 2,677,804.
- Crump, Joseph R.: *See*—
Broyles, Otis T. 2,688,369.
- Crump, William B.: *See*—
Harju, Walter A., and Crump. 2,680,480.
- Cruse, Margaret J., assignee: *See*—
McDaniel, Quinten G. 2,678,112.
- Crutcher-Rolfs-Cummings Co.: *See*—
Cummings, James D. 2,692,565.
Cummings, James D., and Jones. 2,692,006.

- Crystal Tissue Company, The, assignee: *See*—
Fleischer, Leo S., and Tackenberg.
- Csaki, Joachim. 2,686,682, Cl. 279—51.
- Csiesla, Peter. 2,685,714, Cl. 20—19.
- Cuban-American Sugar Company, The, assignee: *See*—
Swenson, Oscar J.
- Cuddeback, Nelson C., to The Hoover Co. 2,688,343, Cl. 138—56.
- Cuddington, Edward L. 2,684,156, Cl. 210—165.
- Cue, Frank E., Hollis, N. Y. Adjustable taper ripping jig. 2,672,897, Mar. 23.
- Cue, Frank E. 2,697,458, Cl. 143—132.
- Cuff, Robert J.: *See*—
Morley, James P., and Cuff. 2,696,369.
- Cuffe, Kenneth W.: *See*—
Strauss, John N., and Cuffe. 2,676,614.
- Culbertson, George R., Norfolk, Va. Synchronized vehicle motion controlled record reproducing talking unit. 2,669,457, Feb. 16.
- Culhane, Frank R. 2,687,780, Cl. 183—22.
- Cull, Robert R.: *See*—
Ludwig, Sidney, and Cull. 2,693,372.
- Cullen-Freistadt Co., The: *See*—
Hooker, Howard H. 2,695,809.
- Culligan, Inc.: *See*—
Hintz, Donald M.
- Clumb, George H. 2,677,655.
- Clumb, George H. 2,698,293.
- Tice, Gordon P. 2,684,942.
- Culnane, Charles H.: *See*—
Dilworth, John P., Culnane, and Ashburn. 2,690,998.
- Culp, Arthur J. 2,688,957, Cl. 123—124.
- Culp, Chester F., and G. A. Rolfe. 2,684,668, Cl. 126—110.
- Culp, Grafton E. 2,683,822, Cl. 310—32.
- Culp, Harry R. 2,689,160, Cl. 312—235.
- Culpepper, Frank M., Newark, N. J., assignor to Celanese Corporation of America, New York, N. Y. Braking mechanism. 2,670,522, Mar. 2.
- Culver, Perrin C., South Gate, and J. G. Kelly, Los Angeles, Calif.: said Culver assignor to said Kelly. Perlite popping furnace. 2,666,632, Jan. 19.
- Cuming, John G.: *See*—
Dessart, Franklyn M., Cuming, Becker, and Watkins. 2,684,104.
- Cuming, William R.: *See*—
Emerson, Cherry L., Jr., and Cuming.
- Cumming, Helen J., executrix: *See*—
Ludwig, Leon R., Leeds, Baker, and Cumming.
- Van Sickle, Roswell C., and Cumming.
- Cumming, James M.: *See*—
Ludwig, Leon R., Leeds, Baker, and Cumming.
- Van Sickle, Roswell C., and Cumming.
- Cummings, Ira J.: *See*—
Stilbert, Elmer K., Jr., Cummings, and Guerrant. 2,684,953.
- Cummings, James D., to Crutcher-Rolfs-Cummings Co. 2,692,565, Cl. 104—236.
- Cummings, James D., and I. L. Jones, to Johns-Manville Corporation and Crutcher-Rolfs-Cummings. 2,692,006, Cl. 154—41.
- Cummings, Leland W. T., to Sun Oil Co. 2,696,114, Cl. 73—299.
- Cummings, Leland W. T., Wyncote, and H. G. Shimp, Springfield, assignors to Sun Oil Company, Philadelphia, Pa. Contact material elevating conduit. 2,673,764, Mar. 30.
- Cummings, Linn F.: *See*—
Wood, Cyrus F., and Cummings. 2,692,797.
- Cummings, Lowell O., H. A. Vogel, and A. R. Bader, to Pittsburgh Plate Glass Co. 2,693,476, Cl. 260—397.2.
- Cummings, Lowell O., H. A. Vogel, and A. R. Bader, to Pittsburgh Plate Glass Co. 2,693,484, Cl. 260—483.
- Cummings, William W., Bradford, Vt. Balancing steam consumption in air conditioning. 2,667,766, Feb. 2.
- Cummings, William W. 2,690,656, Cl. 62—176.
- Cummins-Chicago Corp.: *See*—
Mantonya, William G. 2,698,053.
- Miller, Nicholas S. 2,682,308.
- Cummins, Clessie L., Palo Alto, Calif., assignor to Cummins Engine Company, Inc., Columbus, Ind. Fuel supply apparatus for internal-combustion engines. 2,670,725, Mar. 2.
- Cummins Engine Company, Inc., assignee: *See*—
Cummins, Clessie L.
- Cummins, Harry D., 60% to T. H. Coffey, and 40% to W. D. Sellers. 2,693,725, Cl. 76—108.
- Cummins, Rufus D., Harrodsburg, Ky. Tape tensioning attachment for sewing machines. 2,664,839, Jan. 5.
- Cumpston, Edward H., Jr.: *See*—
Jones, Dwight E., and Cumpston. 2,690,098.
- Cundiff, Charles W., Owensboro, Ky. Terracer-grader. 2,670,552, Mar. 2.
- Cundiff, Charles W., Sr. 2,684,543, Cl. 37—98.
- Cuni, Albert J. 2,697,511, Cl. 206—082.
- Cuni, Maurice C. E. 2,686,098, Cl. 312—311.
- Cunniff, Thomas W., to International Telephone and Telegraph Corp. 2,681,989, Cl. 250—27.
- Cunningham, Donald F., Whitefish Bay, Wis., assignor, by mesne assignments, to Clinton Foods Inc., New York, N. Y. Partition locking construction. 2,673,656, Mar. 30.
- Cunningham, Eldon R., and L. W. Wightman, to General Electric Co. 2,683,823, Cl. 310—52.
- Cunningham, Eleanor M. 2,683,457, Cl. 128—290.
- Cunningham, Emily S. 2,687,628, Cl. 65—13.
- Cunningham, Frederic, Jr., Springfield Center, N. Y. Supersonic inspection device. 2,667,063, Jan. 26.
- Cunningham, Frederic, Jr., Belmar, N. J., and A. G. Emslie, Boston, Mass., assignors to The United States of America as represented by the Secretary of War. Cathode-ray storage tube. 2,666,137, Jan. 12.
- Cunningham, George L., assignor to Waterloo Corporation. 2,679,489, Cl. 260—15.
- Cunningham, Hal M., Branford, Conn., assignor, by decree of distribution, to Helen M. and J. L. Cunningham. Adjusting device. 2,665,489, Jan. 12.
- Cunningham, Harry C., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electric heating. 2,667,564, Jan. 26.
- Cunningham, Harry C., to Edwin L. Wiegand Co. 2,684,431, Cl. 219—37.
- Cunningham, Helen M., assignee: *See*—
Cunningham, Hal M.
- Cunningham, James L.: *See*—
Ashwill, James H. 2,695,949.
- Cunningham, Jeanne L., assignee: *See*—
Cunningham, Hal M.
- Cunningham, Joseph A., assignor to Perrault Bros., Tulsa, Okla. Coating shoe. 2,670,240, Feb. 23.
- Cunningham, M. E., Company, assignee: *See*—
Hauer, Leon C.
- Cunningham, Marion M., Woonsocket, R. I., assignor to United States Rubber Company, New York, N. Y. Method and apparatus for building collapsible containers. 2,673,587, Mar. 30.
- Cunningham, Marion M., assignor to United States Rubber Company. 2,677,406, Cl. 150—1.
- Cunningham, Marion M. 2,680,501, Cl. 189—82.
- Cunningham, Marion M., to United States Rubber Co. 2,690,284, Cl. 226—68.
- Cunningham, Omar L.: *See*—
Miller, William F., Cunningham, and Maki. 2,682,740.
- Miller, William F., Cunningham, and Maki. 2,690,040.
- Cunningham, Orin D.: *See*—
Polly, Orville L., and Cunningham. 2,681,921.
- Cunningham, Paul, and W. M. King, Odessa, Tex. Slush pump valve with clip retaining means. 2,673,570, Mar. 30.
- Cunningham, Raymond W., B. K. Harned, and M. C. Clark, assignors to American Cyanamid Company. 2,678,296, Cl. 167—65.
- Cunningham, Russell E., to Melpar, Inc. 2,683,766, Cl. 174—52.
- Cunningham, Russell E., to Melpar, Inc. 2,683,767, Cl. 174—52.
- Cunningham, William E., Visalia, Calif. Automatic film loop restorer mechanism. 2,673,486, Mar. 30.
- Cuno Engineering Corporation, The, assignee: *See*—
Ashton, Philip E.
- Cuny, Ernest A. 2,691,349, Cl. 103—120.
- Quonz, Daniel, and R. Tamborini. 2,690,309, Cl. 242—84.4.
- Cuozzo, Michele. 2,673,993, Cl. 12—8.3.
- Cupery, Harold E., assignor to E. I. du Pont de Nemours and Company. 2,675,403, Cl. 260—471.
- Cupery, Martin E., to E. I. du Pont de Nemours and Co. 2,692,876, Cl. 260—86.7.
- Cupery, Martin E., and S. R. Detrick, assignors to E. I. du Pont de Nemours & Company. 2,678,287, Cl. 117—141.
- Cüppers, Paul K. A., assignor to Württembergische Metallwarenfabrik, Geislingen (Steige), Germany. Finishing of workpieces. 2,664,676, Jan. 5.
- Cupples Co.: *See*—
Hughes, Richard D., and Kountzman. 2,684,116.
- Curci, Raymond L., and R. E. Smith, to North American Aviation, Inc. 2,692,582, Cl. 121—38.
- Curcio, Michael, Whitestone, N. Y. Food delivery box. 2,669,385, Feb. 16.
- Curcuro, Robert T. 2,691,920, Cl. 88—77.
- Curgan, Mark N.: *See*—
Klein, David X., and Curgan. 2,692,203.
- Curl, Mark I.: *See*—
Bricker, Carl E., and Curl. 2,698,021.
- Curlator Corporation, assignee: *See*—
Coghill, James T. 2,674,928.
- Curlee, Harvey P., to Curlee Machinery Co., Inc. 2,686,612, Cl. 221—81.
- Curlee Machinery Co., Inc.: *See*—
Curlee, Harvey P. 2,686,612.
- Curless, James M., Jr. 2,686,247, Cl. 219—19.
- Curley, James B., to American Viscose Corp. 2,692,419, Cl. 28—1.
- Curley, Robert S., assignor to Saco-Lowell Shops. 2,678,172, Cl. 242—55.1.
- Curnutt, Clarvel R., Fort Worth, Tex., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Control and monitoring device. 2,671,894, Mar. 9.
- Curran, Russell E. 2,696,236, Cl. 151—16.
- Currie, Bert F., to Currie Bros. 2,693,724, Cl. 76—31.
- Currie Bros.: *See*—
Currie, Bert F. 2,693,724.
- Currie, Chester C.: *See*—
Hommel, Maurice C., and Currie.

- Currie, Chester C., to Dow Corning Corp. Re. 23,879, Cl. 260—29.1.
- Currie, Chester C., assignor to Dow Corning Corporation, Midland, Mich. Leather water repellent. 2,672,455, Mar. 16.
- Currie, Frank L.: See—
Light, George G., and Currie.
- Currie, Gilbert, to Westinghouse Electric Corp. 2,685,945, Cl. 188—75.
- Currie, Grover C., assignor to Dacam Corporation. 2,675,956, Cl. 229—37.
- Currie, Grover C., assignor to Dacam Corporation. 2,680,556, Cl. 229—37.
- Currie, Grover C., B. D. Dans, L. F. Wilkens, and M. B. Dunn, assignors to Dacam Corporation. 2,677,221, Cl. 53—34.
- Currie, Grover C., B. D. Dans, L. F. Wilkens, and M. B. Dunn, to Dacam Corp. 2,683,959, Cl. 53—91.
- Currier Co.: See—
Boyen, John L. 2,681,308.
- Currier, Loren C. 2,697,345, Cl. 73—66.
- Curriuan, John F., to Embart Mfg. Co. 2,685,993, Cl. 226—14.
- Curriuan, John F., to Embart Mfg. Co. 2,689,636, Cl. 198—26.
- Curry, Charles H., and A. Shacikoski. 2,692,758, Cl. 255—76.
- Curry, Herman H., Inverness, Fla. Engine room telegraph. 2,668,285, Feb. 2.
- Curry, John J., Philadelphia, Pa. Proportioning device. 2,670,878, Mar. 2.
- Curry, Paul N. 2,691,917, Cl. 88—24.
- Curry, Robert S., Jr. to The Sperry Corp. Re. 23,865, Cl. 192—02.
- Curry, Victor A. G.: See—
Bell, William C., and Curry.
- Curtet, Charles L. 2,674,158, Cl. 88—41.
- Curtin, John L., Kenmore, and D. M. Yenni, Williams-ville, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Inert gas shielded magnetic field controlled electric arc metal working process and apparatus. 2,666,122, Jan. 12.
- Curtin, Leonard S., and F. N. Lee, to United Shoe Machinery Corp. 2,692,997, Cl. 12—7.8.
- Curtin, William J. 2,685,614, Cl. 179—1.
- Curtis, Charles E.: See—
Johnson, Edward O., Curtis, and Colacello. 2,679,016.
- Curtis, Charles L., Pasco, assignor to Copeland Refrigeration Corporation, Sidney, Ohio. Rupturable apparatus for sealing fluid system elements. 2,667,760, Feb. 2.
- Curtis, Franklin E., to Addressograph-Multigraph Corp. 2,689,522, Cl. 101—141.
- Curtis, Geoffrey, assignor to Courtaulds Limited. 2,674,418, Cl. 242—121.
- Curtis, Geoffrey, to Courtaulds Ltd. 2,697,561, Cl. 242—46.5.
- Curtis, Gerard W., Edgewater, and S. A. De Lorenzo, Lawrence Township, Mercer County, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Insoluble methyl-benzodiazepin salts of penicillin. 2,666,760, Jan. 19.
- Curtis, Helene, Industries, Inc., assignee: See—
Nowakowski, Edward.
- Curtis, John C., Claremont, N. H., assignor to Joy Manufacturing Company, Pittsburgh, Pa. Apparatus for drilling holes for roof anchors. 2,670,931, Mar. 2.
- Curtis, John C., assignor to Joy Manufacturing Company. 2,674,441, Cl. 255—53.
- Curtis, John C., to Joy Manufacturing Co. 2,689,109, Cl. 255—64.
- Curtis, John C., and E. A. Rice, Claremont, N. H., assignors to Joy Manufacturing Company. Rock drill. 2,673,071, Mar. 23.
- Curtis, Kenneth L. 2,678,394, Cl. 250—33.65.
- Curtis Lighting, Inc.: See—
Le Brock, Glen R. 2,682,321.
- Curtis Mfg. Co.: See—
Ackerman, Frank. 2,684,659.
- Curtis, Perry. 2,682,401, Cl. 272—58.
- Curtis, Russell H., assignor to Hawley Products Company, St. Charles, Ill. Disposable liquid filter element. 2,670,851, Mar. 2.
- Curtis, Russell H., to Hawley Products Co. 2,685,969, Cl. 210—169.
- Curtis, Thomas E., to Southern States Equipment Corp. 2,689,944, Cl. 339—9.
- Curtis, Thomas E., and H. E. Lichtwardt, assignors to Southern States Equipment Corporation. 2,680,171, Cl. 200—114.
- Curtis, Thomas H., to Hanson-Van Winkle-Munning Co. 2,685,954, Cl. 198—19.
- Curtis, Truman P., to General Electric Co. 2,683,863, Cl. 333—98.
- Curtiss Candy Co., The: See—
Hornish, Mars M. 2,695,729.
- Spohr, Carl W. 2,695,569.
- Curtiss Companies Inc.: See—
Patton, Edward A. 2,682,083.
- Curtiss, George E., Jr., and L. G. Bobrowski, to The Stanley Works. 2,690,923, Cl. 292—332.
- Curtiss, Gordon W., Atlanta, Ga. Mold for typecasting machines. 2,672,974, Mar. 23.
- Curtiss-Wright Corp.: See—
Anderson, James N., and Viall.
- Baldanza, Nicholas T. 2,679,875.
- Baldanza, Nicholas T. 2,682,234.
- Baldanza, Nicholas T., and Castelli. 2,682,196.
- Barrett, Hillard E., and Constantino. 2,687,868.
- Blair, Richard W. 2,696,412.
- Chilson, Charles W., and Mergen. 2,696,888.
- Enos, Louis H.
- Gallo, Elia A., and Hoffman. 2,675,818.
- Holben, Martin M. 2,680,601.
- Jaeger, Charles A. 2,678,401.
- Le Compte, Frank M. 2,681,595.
- Leggett, Joseph H., and Moyer. 2,684,819.
- Lundquist, Wilton G.
- Lundquist, Wilton G. 2,675,791.
- Lundquist, Wilton G. 2,681,760.
- Lundquist, Wilton G. 2,684,591.
- Robbins, William P.
- Schaffer, William C. 2,693,675.
- Schaffer, William C., and Stark. 2,678,657.
- Smith, Lawrence A., and Gamble.
- Spaulding, Harold K.
- Tiedeman, Robert K. 2,687,181.
- Curutchet, Pedro D., Buenos Aires, Argentina. Tetra-digital grip for long lever pivoted surgical instruments. 2,669,991, Feb. 23.
- Curutchet, Pedro D., Loberia, Argentina. Grip for lever pivoted instruments. 2,669,992, Feb. 23.
- Curutchet, Pedro D., Loberia, Argentina. Bicapsular grip for pivoted surgical instruments. 2,669,993, Feb. 23.
- Curutchet, Pedro D. 2,685,880, Cl. 128—321.
- Curyea, Kevin M., to O. M. Franklin Serum Co. 2,692,600, Cl. 128—352.
- Cusano, Dominic A., and F. J. Studer, assignors to General Electric Company. 2,675,331, Cl. 117—33.5.
- Cusano, Dominic A., and F. J. Studer, to General Electric Co. 2,685,530, Cl. 117—33.5.
- Cusano, Paul. 2,695,174, Cl. 273—128.
- Cushing, George B., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,673,272, Mar. 23.
- Cushing, Huston C. 2,677,382, Cl. 134—167.
- Cushman Chuck Co., The: See—
Sloan, Harry E. 2,697,612.
- Sloan, Harry E. 2,698,185.
- Cushman, Clifford E., assignor to Sturgess, Inc. 2,675,861, Cl. 155—161.
- Cushman, Walton W., Webb City, Mo. Industrial truck. 2,668,602, Feb. 9.
- Cushman, Walton W., Webb City, Mo., assignor to United States of America as represented by the Secretary of the Army. Resilient wheel mounting. 2,669,448, Feb. 16.
- Cushman, Walton W. 2,675,415, Cl. 123—148.
- Cushman, Walton W., assignor to The United States of America as represented by the Secretary of the Army. 2,680,026, Cl. 280—47.2.
- Cushman, Walton W. 2,696,198, Cl. 123—16.
- Cushman, Walton W., to the United States of America as represented by the Secretary of the Army. 2,697,509, Cl. 198—183.
- Cushman's Sons, Inc.: See—
Lemrow, Mary F. 2,697,042.
- Cusic, John W.: See—
Dornfeld, Clinton A., and Cusic. 2,681,932.
- Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Derivatives of 3-amino-2,3-dihydroxythionaphthene-1,1-dioxide and preparing the same. 2,666,762, Jan. 19.
- Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Derivatives of 3-amino-2,3-dihydrothionaphthene-1,1-dioxide. 2,666,763, Jan. 19.
- Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. N-acyloxyalkyl substituted derivatives of aminoalkoxydiarylmethanes and salts thereof. 2,669,577, Feb. 16.
- Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Basically substituted amides of dicarboxylic acids. 2,669,582, Feb. 16.
- Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Basically substituted derivatives of N-alkylcycloalkylalkanamides and their salts. 2,670,349, Feb. 23.
- Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Basic alkyl substitution products of N-indanyl and N-tetrahydronaphthyl-monocarbocyclamides and their salts. 2,670,371, Feb. 23.
- Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. N-dialkylaminoalkyl-N-cycloalkylcycloalkylalkanamides. 2,670,372, Feb. 23.
- Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Halogenated N-aryl-N-dialkylaminoalkyl-arylcarboxamides. 2,670,373, Feb. 23.
- Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. N-dialkylaminoalkyl aminobenzanilides and N-alkylaminobenzamides and their salts. 2,670,374, Feb. 23.
- Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Derivatives of basically substituted 1-alkyl-3-aryl ureas. 2,673,878, Mar. 30.

- Cusic, John W., assignor to G. D. Searle & Co. 2,674,597, Cl. 260—240.
- Cusic, John W., R. A. Robinson, and C. A. Dornfeld, assignors to G. D. Searle & Co. 2,676,966, Cl. 260—279.
- Cusic, John W., R. A. Robinson, and C. A. Dornfeld, assignors to G. D. Searle & Co. 2,676,971, Cl. 260—328.
- Cusic, John W., to G. D. Searle & Co. 2,681,911, Cl. 260—287.
- Cusic, John W., to G. D. Searle & Co. 2,681,912, Cl. 260—287.
- Cusic, John W., to G. D. Searle & Co. 2,681,913, Cl. 260—294.3.
- Cusic, John W., to G. D. Searle & Co. 2,681,929, Cl. 260—553.
- Cusic, John W., to G. D. Searle & Co. 2,683,735, Cl. 260—468.
- Cusic, John W., to G. D. Searle & Co. 2,683,737, Cl. 260—471.
- Cusic, John W., to G. D. Searle & Co. 2,683,742, Cl. 260—567.6.
- Cusic, John W., to G. D. Searle & Co. 2,687,414, Cl. 260—243.
- Cusic, John W., to G. D. Searle & Co. 2,694,705, Cl. 260—243.
- Cusic, John W., to G. D. Searle & Co. 2,694,706, Cl. 260—243.
- Cusic, John W., to G. D. Searle & Co. 2,698,327, Cl. 260—295.
- Cusick, Will E. 2,698,009, Cl. 66—169.
- Cuskie, Herman C., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Shock absorber. 2,670,812, Mar. 2.
- Cussotti, Joseph N., assignor of 50 per cent to Vittorio Cussotti, Farmingdale, N. J. Poultry feeder. 2,667,858, Feb. 2.
- Cussotti, Vittorio, assignee: *See—*
Cussotti, Joseph N.
- Custer, Willard R., Hagerstown, Md. Jet-propelled channel aircraft. 2,665,083, Jan. 5.
- Custer, Willard R. 2,687,262, Cl. 244—12.
- Custer, Willard R. 2,691,494, Cl. 244—12.
- Custom Built Fixtures, Inc.: *See—*
Schmitz, Cornelius J., and Stephens. 2,689,159.
- Cusumano, Frank R., assignor to Multibiotics Corporation of America. 2,680,701, Cl. 167—84.
- Cutforth, Howard G., assignor to Phillips Petroleum Company. 2,674,320, Cl. 166—22.
- Cutforth, Howard G., assignor to Phillips Petroleum Company. 2,674,321, Cl. 166—22.
- Cuthbert, Stuart V.: *See—*
Marden, John W., and Cuthbert.
- Cuthbertson, Alexander R. and G. A. 2,678,482, Cl. 25—118.
- Cuthbertson, George A.: *See—*
Cuthbertson, Alexander R. and G. A. 2,678,482.
- Cuthbertson, John T. 2,686,484, Cl. 112—218.
- Cutler, Cassius C., Gillette, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic lens. 2,669,657, Feb. 16.
- Cutler, Cassius C., assignor to Bell Telephone Laboratories, Incorporated. 2,674,692, Cl. 250—27.
- Cutler, Cassius C., to Bell Telephone Laboratories, Inc. 2,690,508, Cl. 250—33.65.
- Cutler-Hammer, Inc.: *See—*
Ball, Hugh E., and Pell. 2,697,200.
- Brown, William E.
- Brown, William E. 2,675,707.
- Brown, William E. 2,693,514.
- Charbonneau, Allan P. 2,690,490.
- Cox, Irvin W.
- Cox, Irvin W. 2,677,877.
- Elliot, William H.
- Fath, Douglas W.
- Feldhausen, Cyril P. 2,686,895.
- Gajewski, Stefan, and Konle. 2,691,706.
- Hansen, Kenneth H., and Ormsby. 2,697,388.
- Howdle, Frederic E., and Jochem. 2,683,195.
- Hunter, Richard B., Pell, and Schmitz.
- Jochem, Theodore B.
- Kuhn, Clarence W.
- Kuhn, Clarence W., and Rosing.
- Kuhn, Clarence W., and Rosing. 2,689,896.
- Kuhn, Clarence W., and Welch. 2,680,178.
- Pell, Eric.
- Pell, Eric. 2,697,807.
- Radley, Guy R. 2,689,903.
- Robbins, Clyde F., and Williams. 2,689,486.
- Rosing, Theodore F., and Seeger.
- Schmidt, Edwin X. 2,677,276.
- Schmidt, Edwin X. 2,682,884.
- Seeger, Edwin W.
- Cutler, Herbert J.: *See—*
Epstein, Samuel, and Cutler.
- Cutler, Leonard S., and B. Diener, to Gertsch Products, Inc. 2,691,762, Cl. 324—79.
- Cutler Mail Chute Company, assignee: *See—*
Bridgman, George A.
- Cutler, Phil, Brooklyn, assignor of one-half to K. F. Ross, Bronx, N. Y. Remote-control and indicating system. 2,672,603, Mar. 16.
- Cutler, Royal A.: *See—*
Surrey, Alexander R., and Cutler. 2,677,687.
- Cutler, Royal A., to Sterling Drug Inc. 2,695,317, Cl. 260—609.
- Cutliff, Norman J., and E. V. Brogan, Louisville, Ky., assignors to International Harvester Company. Induction heating unit. 2,665,368, Jan. 5.
- Cutsinger, Elie, and T. F. Watson, to Phillips Petroleum Co. 2,683,991, Cl. 74—8.
- Cutter Laboratories: *See—*
Butler, William F.
- Ford, Glen M. 2,675,000.
- McQuarrie, Ernest B. 2,684,983.
- Pilcher, Karl S., and Seeborg. 2,675,340.
- Cutter Laboratories, Inc.: *See—*
Beacham, Robert C.
- Ogle, Robert W. 2,693,803.
- Sahyun, Melville, Faust, and Jules. 2,694,088.
- Cutting, Herbert A. 2,693,093, Cl. 64—17.
- Cutting Room Appliances Corp.: *See—*
Gilbert, Herman W., and Deichmann. 2,686,565.
- Gilbert, Herman W., and Deichmann. 2,690,308.
- Cuttino, William H., to Westinghouse Electric Corp. 2,689,937, Cl. 323—66.
- Cutts, Richard M.: *See—*
Clarke, Phillips H., and Cutts. 2,697,273.
- Cuyler, David D., Mamaroneck, N. Y. Hand soap flaking and dispensing apparatus. 2,670,019, Feb. 23.
- Cybulski, Stephen F. 2,677,169, Cl. 29—57.
- Cybulski, Stephen F. 2,679,694, Cl. 33—178.
- Cycloptic Anstalt fur Optik und Mechanik: *See—*
Schulz, Hans, and Seibert. 2,685,229.
- Cymara, Hermann K. 2,679,720, Cl. 56—370.
- Cymara, Hermann K. 2,694,839, Cl. 20—12.
- Cyphers, Elmer B.: *See—*
Fischl, Fred B., and Cyphers. 2,694,044.
- Cyphers, Elmer B., and R. H. Jones, to Standard Oil Development Co. 2,687,984, Cl. 196—44.
- Cyphers, Elmer B., and D. W. Young, to Standard Oil Development Co. 2,691,001, Cl. 252—52.
- Cyr, Rob R., Los Angeles, Calif., assignor to The Regents of the University of California, Berkeley, Calif. Regulated low-voltage power supply. 2,665,405, Jan. 5.
- Cyril Bath Company, The, assignee: *See—*
Yurka, August, Jr. 2,678,078.
- Cyrus Shank Company, assignee: *See—*
Konwal, Nick I.
- Czaja, John J., assignor to Weltronic Company. 2,676,230, Cl. 219—4.
- Czarnecki, John D.: *See—*
Kaiser, Edward W., and Czarnecki. 2,690,255.
- Czarnecki, Kamil B., to The Ohio State University Research Foundation. 2,693,018, Cl. 25—156.
- Czarnecki, Kamil B., and G. A. Bole, to The Ohio State University Research Foundation. 2,693,017, Cl. 25—156.
- Czarnikow, George K., to Wollensak Optical Co. 2,696,052, Cl. 33—46.
- Czarnocki, Witold: *See—*
Senkowski, Alexander, and Czarnocki.
- Czarnocki, Witold, to Massey-Harris-Ferguson (Sales) Ltd. 2,688,320, Cl. 123—191.
- Dabbs, Rose, New York, N. Y. Dry mop cleaner. 2,671,237, Mar. 9.
- Dabringhaus, Gustav H., Jr. 2,689,767, Cl. 299—84.
- Dabrowski, Sigmund S. 2,677,275, Cl. 73—150.
- Dacam Corp.: *See—*
Currie, Grover C. 2,675,956.
- Currie, Grover C. 2,680,556.
- Currie, Grover C., Dans, Wilkens, and Dunn. 2,677,221.
- Currie, Grover C., Dans, Wilkens, and Dunn. 2,683,949.
- Dacey, Edward J., to A. & M. Karagheusian, Inc. 2,681,083, Cl. 139—406.
- Dacey, George C., and P. W. Foy, to Bell Telephone Laboratories, Inc. 2,697,052, Cl. 148—15.
- Daco, Inc.: *See—*
Lindgren, Robert F. 2,684,561.
- Daehler, Robert F.: *See—*
Carr, Edward W., and Daehler. 2,676,607.
- Da Fano, Ettore, to John B. Pierce Foundation. 2,684,945, Cl. 252—78.
- Dafforn, Kenneth B., and R. I. Huffman, Dover, Ohio, assignors, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo. Steam iron with movable heating element. 2,666,998, Jan. 26.
- Dafoe, Leslie R., assignor to Kenworth Motor Truck Corporation. 2,680,490, Cl. 180—54.
- Daggett, Homer M. 2,677,178, Cl. 30—202.
- Dahl, Edward T., Warwick Neck, and O. Kneisel, Cranston, R. I., assignors to Hammel-Dahl Company. Water-steam mixing valve. 2,670,003, Feb. 23.
- Dahl, Gustav S. A., and S. B. Almer, Stockholm, Sweden. Dental prosthesis. 2,672,687, Mar. 23.
- Dahl, Haldor A., assignor to Tacoma Boatbuilding Co., Inc. 2,677,528, Cl. 254—137.
- Dahl, Karl E., and J. C. Hoiby, assignors to D. W. Onan and Sons, Inc. 2,674,643, Cl. 136—182.
- Dahlberg, Jonas F. 2,682,707, Cl. 33—58.
- Dahle, Gerald, to Wilhelm Dahle. 2,688,312, Cl. 120—96.
- Dahle, Wilhelm: *See—*
Dahle, Gerald. 2,688,312.
- Dahlkvist, Karl H. 2,673,991, Cl. 9—1.
- Dahlman, Eben D., Grandy, Minn. Material handling and unloading device for vehicles. 2,668,629, Feb. 9.
- Dahlman, Frederick A., and D. J. Tingley, to Corning Glass Works. 2,685,765, Cl. 49—55.
- Dahlstrom, Frank P. 2,677,978, Cl. 80—38.

- Dahlstrom Mfg. Co.: *See*—
Olson, John L. 2,690,087.
- Dahlstrom, Roy, Westfield, and G. E. Bronson, Matawan, N. J., assignors to National Lead Company, New York, N. Y. Production of a fire retardant solution. 2,670,297, Feb. 23.
- Dahm, Thomas M., and M. F. George, Jr., to Lockheed Aircraft Corp. 2,686,244, Cl. 201—63.
- Dahms, Arthur J., to Emhart Mfg. Co. 2,698,166, Cl. 259—134.
- Daiber, Ome C. 2,675,840, Cl. 145—66.
- Daiger, George P., assignor to The Hoover Company. 2,677,845, Cl. 15—333.
- Daigle, Bert J., 1/64 to E. W. Thompson. 2,680,908, Cl. 32—35.
- Dailey, Hampton J., deceased (R. M. Dailey, executrix), to Westinghouse Electric Corp. 2,692,298, Cl. 174—17.07.
- Dailey, Joe W., Las Vegas, Nev. Cooling unit for refrigerator systems. 2,673,074, Mar. 23.
- Dailey, Ruth M.: *See*—
Dailey, Hampton J. 2,692,298.
- Daily, Arthur M., and M. B. Arisman, Elkhart, and D. A. Pierce, South Bend, assignors to Chicago Telephone Supply Corporation, Elkhart, Ind. Preset electrical control instrumentality with plug-in shaft. 2,669,634, Feb. 16.
- Daily, Arthur M., M. B. Arisman, and D. A. Pierce, to Chicago Telephone Supply Corp. 2,695,933, Cl. 200—16.
- Daily, Arthur M., J. G. Veatch, Jr., and L. E. Hileman, to Chicago Telephone Supply Corp. 2,698,369, Cl. 200—166.
- Daily, John L. 2,674,914, Cl. 85—11.
- Daimler-Benz Aktiengesellschaft: *See*—
Abrens, Hermann H. F. 2,696,155.
- Bensinger, Wolf D. 2,696,201.
- Bensinger, Wolf-Dieter. 2,696,201.
- Forster, Hans J. M. 2,683,997.
- Förster, Hans J. M. 2,688,256.
- Förster, Hans J. M. 2,693,721.
- Kosche, Rudolf L. H. 2,674,983.
- Kraus, Ludwig. 2,674,983.
- Links, Heinrich K. 2,688,926.
- Müller, Josef. 2,688,260.
- Müller, Josef. 2,688,260.
- Nallinger, Friedrich K. H. 2,678,034.
- Nallinger, Friedrich K. H. 2,685,212.
- Nallinger, Friedrich K. H. 2,686,513.
- Nallinger, Friedrich K. H. 2,687,311.
- Nallinger, Friedrich K. H. 2,689,015.
- Nallinger, Friedrich K. H. 2,690,168.
- Nallinger, Friedrich K. H. 2,691,489.
- Nallinger, Friedrich K. H. 2,692,511.
- Nallinger, Friedrich K. H. 2,696,203.
- Nallinger, Friedrich K. H., and Dauben. 2,689,014.
- Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Naumann, Willy R. 2,684,600.
- Pfaff, Egon L. H. 2,687,477.
- Roller, Franz T. 2,681,118.
- Rothweiler, Alfred F. 2,676,840.
- Schmidt, Ekhart O., and Siegle. 2,696,199.
- Schwaiger, Odilo. 2,692,080.
- Stump, Eugen. 2,692,778.
- Stump, Eugen, and Heim. 2,691,972.
- Uhlenhaut, Rudolf E. 2,678,035.
- Wagner, Max. 2,689,746.
- Wilfert, Karl. 2,688,447.
- Dairy Equipment Co.: *See*—
Markley, Richard. 2,690,061.
- Daisy Mfg. Co.: *See*—
Wesley, Robert O., and Scalingi. 2,691,526.
- Daitch, Sidney, and I. Friedman, Chicago, Ill. Parallel pane sash having a removable pane. 2,670,507, Mar. 2.
- Dakin, Frederick W., Montreal, Quebec, Canada. Window constructions of the sliding sash type. 2,671,540, Mar. 9.
- Dakin, Leonard F. 2,680,554, Cl. 228—60.
- Dale, Colin B., Oak Park, assignor to Webster-Chicago Corporation, Chicago, Ill. Adapter for phonograph records. 2,666,647, Jan. 19.
- Dale, Colin B., Oak Park, assignor to Webster-Chicago Corporation, Chicago, Ill. Adapter for phonograph spindles having internally powered record push-off mechanism. 2,666,648, Jan. 19.
- Dale, Eldon L., Long Beach, Calif. Target moving and control mechanism. 2,670,207, Feb. 23.
- Dale, Eldon L. 2,680,620, Cl. 273—101.2.
- Dale, Eugene H. 2,685,078, Cl. 340—159.
- Dale, Glenn H.: *See*—
Shelton, Russell O., and Dale. 2,689,819.
- Dale Hydraulic Controls, Inc., assignee: *See*—
Dale, Joseph S. 2,675,221.
- Dale, James A., to the United States of America as represented by the Tennessee Valley Authority. 2,690,553, Cl. 340—359.
- Dale, Joseph S., assignor to Dale Hydraulic Controls, Inc., Rockford, Ill. Hydraulic speed governor. 2,667,345, Jan. 26.
- Dale, Joseph S., assignor to Dale Hydraulic Controls, Inc. 2,675,221, Cl. 264—7.
- Dale, Paul A.: *See*—
Frieberg, Nelson R., and Dale. 2,675,960.
- Dale, Wallace S. 2,675,815, Cl. 137—43.
- Dale, Wilfred E.: *See*—
Allan, George W. C., Dale, Sparham, and Brown. 2,696,019.
- D'Alelio, Gaetano F., Pittsburgh, Pa., assignor to Koppers Company, Inc. Anion-exchange resins from aminated aryl acetylene. 2,670,334, Feb. 23.
- D'Alelio, Gaetano F., Pittsburgh, Pa., assignor to Koppers Company, Inc., Anion-exchange resins from an aminated alkylene aryl acetylene. 2,670,335, Feb. 23.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,683,124, Cl. 260—2.1.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,683,125, Cl. 260—2.1.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,683,128, Cl. 260—32.6.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,683,130, Cl. 260—43.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,686,773, Cl. 260—78.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,686,774, Cl. 260—78.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,687,383, Cl. 260—2.2.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,687,400, Cl. 260—78.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,687,401, Cl. 260—78.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,689,801, Cl. 117—9.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,692,251, Cl. 260—47.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,692,260, Cl. 260—88.7.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,694,690, Cl. 260—31.6.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,695,894, Cl. 260—19.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,697,079, Cl. 260—2.1.
- D'Alelio, Gaetano F., to Koppers Co., Inc. 2,697,080, Cl. 260—2.1.
- Daley, Charles W., Indianapolis, Ind., assignor to Radio Corporation of America. Glassworking apparatus and method. 2,671,291, Mar. 9.
- Daley, Horace S.: *See*—
Zeek, Elwood R., and Daley. 2,685,979.
- Daley, Roger J., J. J. Gosney, and W. N. Neiman, assignors to The Wayne Pump Company. 2,675,943, Cl. 222—23.
- Dalibor, Lisbeth: *See*—
Von Skene, Robert, Lenkeit, and Dalibor. 2,698,283, Cl. 202—6.
- Dalin, David, to A/B Svenska Maskinverken. 2,681,047, Cl. 122—1.
- Dalin, David, and G. V. Hagby. 2,681,047, Cl. 122—1.
- Dalin, David, and T. J. Hedbäck, to A/B Svenska Maskinverken. 2,689,212, Cl. 202—12.
- Da-Lite Screen Co., Inc.: *See*—
Prokop, Frank J., and Pellar. 2,696,249.
- Dall, Robert C., and R. G. Breitenbach. 2,678,083, Cl. 155—36.5.
- Dalmo Victor Co.: *See*—
Hahn, Stuart H. 2,682,491.
- Dalphone, Louis J., assignor to Certain-Teed Products Corporation, Chicago, Ill. Providing perforations in acoustical tiles. 2,667,925, Feb. 2.
- Dalrymple, William P., to American Brake Shoe Co. 2,682,788, Cl. 74—752.
- Dalrymple, William P., to American Brake Shoe Co. 2,691,437, Cl. 192—105.
- Dalton, Bruce H., Los Angeles, Calif., assignor, by mesne assignments, to Houston-Fearless Corporation. Folding tripod construction. 2,668,682, Feb. 9.
- Dalton, Ernest T., to American Optical Co. 2,683,342, Cl. 51—277.
- Dalton, John N., Providence, R. I., and W. B. Kaupin, assignors to Pacific Mills, Lawrence, Mass. Setting wool fabrics. 2,669,002, Feb. 16.
- Dalton, John N., and W. B. Kaupin, to Pacific Mills. 2,689,806, Cl. 117—93.
- Dalton, Lester F. 2,676,040, Cl. 286—5.
- Dalton, Norris D.: *See*—
Quirk, Justin P., Dalton, and Hafner. 2,695,640.
- Dalton, Thomas B., assignor to West Michigan Steel Foundry Co. 2,674,438, Cl. 254—86.
- Daly, Edgar F., to Unicam Instruments Ltd. 2,690,093, Cl. 88—14.
- Daly, John F.: *See*—
Hicke, Gerald E., and Daly. 2,694,553.
- Daly, Lawrence E., assignor to United States Rubber Company. 2,677,674, Cl. 260—45.5.
- Daly, Lawrence E., to United States Rubber Co. 2,681,898, Cl. 260—45.5.
- Daly, Lawrence E., to United States Rubber Co. 2,698,313, Cl. 260—45.5.
- Dalzell, Clarence W., assignor to Bendix Aviation Corporation. 2,680,562, Cl. 235—144.
- Daman, Arthur C., to Mining Process and Patent Co. 2,684,154, Cl. 209—17.
- Damar Products, Inc.: *See*—
Polkosnik, B. Leonard. 2,698,038.

- Damaske, Frederick G., assignor to Hoodswing Corporation. 2,676,803, Cl. 273—35.
- D'Amato, Vitangelo : *See*—
Carrara, Gino, and D'Amato. 2,694,710.
- D'Ambrosio, Anthony, Long Island City, N. Y. Making compact holders. 2,671,384, Mar. 9.
- D'Amico, John J., to Monsanto Chemical Co. 2,693,408, Cl. 71—25.
- D'Amico, John J., to Monsanto Chemical Co. 2,695,901, Cl. 260—249.5.
- Damm, Helmut : *See*—
Gündel, Wolfgang, and Damm. 2,684,917.
- Dammers, Bernhardus G., assignor to Hartford National Bank and Trust Company, as trustee. 2,676,247, Cl. 250—20.
- Damon, Neil F., to Raytheon Mfg. Co. 2,685,073, Cl. 339—217.
- D'Amore, Michael. 2,686,934, Cl. 18—30.
- Damrow Brothers Co. : *See*—
Schulze, William G. 2,690,011.
- Dana Corporation, assignee : *See*—
Thelander, W. Vincent. 2,674,863.
- Dana, Homer J., and R. L. Albrook, assignors to State College of Washington. 2,677,651, Cl. 204—2.
- Dancey, Edgar S. 2,686,362, Cl. 30—95.
- Dancik, Paul J., Media, assignor to Piasecki Helicopter Corporation, Morton, Pa. Throttle control and pitch synchronizing device. 2,664,958, Jan. 5.
- Danco, Léon A., Jr., to The Risdon Mfg. Co. 2,685,722, Cl. 24—113.
- Dancy, William B., to International Minerals & Chemical Corp. 2,684,285, Cl. 23—121.
- Dancy, William B., to International Minerals & Chemical Corp. 2,689,041, Cl. 209—3.
- Dancy, William B., and R. A. MacDonald, to International Minerals & Chemical Corp. 2,687,339, Cl. 23—38.
- Dan Dee Pretzel & Potato Chip Co., The : *See*—
Pike, Charles P. 2,682,956.
- Dandridge, Paul, Philadelphia County, assignor of forty per cent to Mrs. J. V. Ondo, Philadelphia, Pa. Record stack inverter for automatic phonographs and disk record players. 2,667,355, Jan. 26.
- Dandurand, Leo C., and D. W. Kerr. 2,693,838, Cl. 152—223.
- Danel, Pierre F., assignor to Etablissements Neyrpic. 2,677,240, Cl. 61—4.
- Danelius, Tor : *See*—
Scott, James M., and Danelius. 2,696,284.
- Danenberg, Alex, assignee : *See*—
Johnson, Willard J.
- Danenberg, Hans, to Shell Development Co. 2,687,397, Cl. 260—45.2.
- Danenberg, Louis, assignee : *See*—
Johnson, Willard J.
- Danforth, Edward A. : *See*—
Everhart, George R., McKay, and Danforth. 2,674,768.
Toothman, Earl. 2,693,678.
Toothman, Earl. 2,693,683.
- Danforth, John L., and L. R. McIntosh, assignors, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. 2,674,698, Cl. 250—49.5.
- Danforth, Richard S., assignor to R. H. Eckhoff, as trustee. 2,674,968, Cl. 114—207.
- Danforth, Richard S., assignor to R. H. Eckhoff, as trustee. 2,674,969, Cl. 114—207.
- Daniel, Arthur F., assignor to the United States of America as represented by the Secretary of the Army. 2,678,343, Cl. 136—136.
- Daniel, Frederick K. : *See*—
Midgett, Ernst L., and Daniel. 2,687,852.
- Daniel, Nathan V. 2,694,262, Cl. 33—201.
- Daniel Orifice Fitting Co. : *See*—
Holdenried, Joseph G. 2,688,985.
Whalen, John W. 2,687,748.
Whalen, John W. 2,688,987.
Whalen, John W. 2,689,102.
- Daniel, Richard M., to Houdry Process Corp. 2,690,955, Cl. 23—1.
- Daniel, Thomas H. 2,691,841, Cl. 43—42.06.
- Daniell, John B., assignor of one-third to E. A. Bodine, Santa Monica, Calif. Rotary brush construction and mounting therefor. 2,670,486, Mar. 2.
- Daniels, Anthony J., Philadelphia, Pa. Device for dispensing liquids from tanks by either pumping means or pneumatic means. 2,667,289, Jan. 26.
- Daniels, Arthur W., and J. P. Murtaugh, assignors to American Brake Shoe Company. 2,674,816, Cl. 37—142.
- Daniels, Arthur W., and J. P. Murtaugh, to American Brake Shoe Co. 2,689,419, Cl. 37—142.
- Daniels, Elijah R., El Monte, Calif. Apparatus for postural correction. 2,673,737, Mar. 30.
- Daniels, Gordon E. 2,689,542, Cl. 115—29.
- Daniels, Harold V., and J. B. Adrian. 2,688,971, Cl. 128—393.
- Daniels, Howard L., St. Paul, and J. W. Hogan, Minneapolis, Minn., assignors to Engineering Research Associates, Inc., Arlington, Va. Means for winding and reeling. 2,670,906, Mar. 2.
- Daniels, Howard L., and J. W. Hogan, assignors, by mesne assignments, to the United States of America as represented by the Secretary of Commerce. 2,679,035, Cl. 340—165.
- Daniels, Howard L., and J. W. Hogan, assignors to Engineering Research Associates, Inc. 2,680,239, Cl. 340—174.
- Daniels, John W. : *See*—
Willyard, Leslie A., and Daniels. 2,684,142.
- Daniels, Joseph. 2,675,295, Cl. 23—1.
- Daniels, Joseph. 2,687,945, Cl. 23—78.
- Daniels, Joseph S. 2,689,196, Cl. 117—103.
- Daniels, Paul J. 2,694,984, Cl. 103—149.
- Daniels, Paul J. 2,695,117, Cl. 222—214.
- Daniels, Paul J. 2,695,121, Cl. 226—19.
- Daniels, Paul S. 2,681,822, Cl. 294—20.
- Daniels, Veronica T. 2,679,049, Cl. 2—83.
- Daniels, William T. 2,691,425, Cl. 183—48.
- Danielson Manufacturing Company, The, assignee : *See*—
Chadbourne, Joseph H.
- Danielson, Vernon S. : *See*—
Anderson, Carl A., and Danielson. 2,697,616.
- Danielson, Vernon S., assignor to W. H. Miner, Inc. 2,676,046, Cl. 292—218.
- Danielson, Vernon S., and W. D. Wallace, to W. H. Miner, Inc. 2,687,219, Cl. 213—24.
- Danielson, Vernon S., and W. D. Wallace, to W. H. Miner, Inc. 2,687,220, Cl. 213—34.
- Danielsson, Nils J., and H. Sundin. 2,680,260, Cl. 15—50.
- Danison, Robert C. : *See*—
Olson, Harry S., and Danison. 2,680,691.
- Danks, Alfred C., Vermilion, Ohio. Fluid pressure sealed butterfly valve. 2,673,708, Mar. 30.
- Danly, George I. : *See*—
Danly, Philo H. and G. I., and Georgeff.
- Danly, George I., B. B. Jones, and J. C. Danly, to Danly Machine Specialties, Inc. 2,695,383, Cl. 318—365.
- Danly, James C. : *See*—
Danly, George I., Jones, and Danly. 2,695,383.
- Danly Machine Specialties, Inc. : *See*—
Conner, Guy O. 2,683,487.
Danly, George I., Jones, and Danly. 2,695,383.
Danly, Philo H. and G. I., and Georgeff.
Danly, Philo H., and Georgeff. 2,688,296.
Danly, Philo H., and Georgeff. 2,693,158.
Georgeff, Vasil. 2,683,825.
Georgeff, Vasil. 2,688,382.
Georgeff, Vasil. 2,693,157.
- Danly, Philo H., Hinsdale, G. I. Danly, Elmhurst, and V. Georgeff, assignors to The Danly Machine Specialties, Inc., Chicago, Ill. Air-cooled press brake and clutch assembly. 2,667,954, Feb. 2.
- Danly, Philo H., and V. Georgeff, to Danly Machine Specialties, Inc. 2,688,296, Cl. 113—38.
- Danly, Philo H., and V. Georgeff, to Danly Machine Specialties, Inc. 2,693,158, Cl. 113—38.
- Dann, Guy E., to Corning Glass Works. 2,685,152, Cl. 49—79.
- Dann, Morris : *See*—
Heisterkamp, Charles A., Dann, and Dura.
- Dann, Morris, Philadelphia, Pa., assignor to American Home Products Corporation, New York, N. Y. Cartridge-syringe unit. 2,671,449, Mar. 9.
- Dann, Morris, Philadelphia, Pa., assignor to American Home Products Corporation, New York, N. Y. Injection syringe and cartridge. 2,671,450, Mar. 9.
- Dannemiller, Franklin T. : *See*—
Larson, Marvin, Stedman, and Dannemiller. 2,682,362.
- Dannenberg, Hans : *See*—
Deming, Philip H., and Dannenberg.
- Dannenberg, Hans, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Method and apparatus for high vacuum distillation. 2,671,053, Mar. 2.
- Dannhardt, Harry C., to The Sperry Corp. 2,690,192, Cl. 137—620.
- Dannöhl, Walter, Bochum, assignor to Deutsche Edelstahlwerke Aktiengesellschaft, Krefeld, Germany. Permanent magnet. 2,673,310, Mar. 23.
- Dan River Mills, Inc. : *See*—
Gagarine, Dmitry M., and Repokis. 2,696,477.
Newton, Russell B.
Spangler, Myrtle J., and Wayland. 2,690,404.
Williamson, Ollie, and Higgins.
- Dans, Bernard D. : *See*—
Currie, Grover C., Dans, Wilkens, and Dunn. 2,677,221.
Currie, Grover C., Dans, Wilkens, and Dunn. 2,683,959.
- Dant & Russell, Inc. : *See*—
Kirksey, Frank B. 2,690,594.
- Danulat, Friedrich W. S., to Metallgesellschaft Aktiengesellschaft. 2,687,347, Cl. 48—87.
- Danuskie, Frank T., Pittsfield, Pa. Chain socket wrench. 2,672,065, Mar. 16.
- Danyluke, Ostap, assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Screen bar. 2,666,589, Jan. 19.
- Danziger, Leonard, New York, N. Y. Apron tying means. 2,670,469, Mar. 2.
- Danziger, Philip F., Millbrae, assignor to Market Industries Co., Inc., San Francisco, Calif. Shirt packaging form. 2,671,581, Mar. 9.
- Danzin, André, and P. Dussaussoy, assignors to Compagnie Generale de Telegraphie Sans Fil. 2,677,920, Cl. 49—82.

- Danzin, Andre, E. Despois, and P. Patriarche, to Societe Francaise Radio-Electrique. 2,684,777, Cl. 220—2.1.
- Daum, Rene, to Yankee Metal Products Corp. 2,693,511, Cl. 200—61.34.
- Dapag (1943) Ltd.: *See—*
Briggs, Frederick J. 2,694,974.
- D'Aquin, Esler L., J. Pominski, L. J. Molaison, and H. L. E. Vix, to the United States of America as represented by the Secretary of Agriculture. 2,687,155, Cl. 146—231.
- Darash, Nicholas P., to The Warner & Swasey Co. 2,693,830, Cl. 139—126.
- Darby, Joseph R.: *See—*
Cowell, Elmer E., and Darby.
Dazzi, Joachim, and Darby. 2,683,701.
- Darby, Joseph R., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilized halogen-containing resins. 2,669,549, Feb. 16.
- Darby, Joseph R., assignor to Monsanto Chemical Company. 2,674,582, Cl. 252—456.
- Darby, Joseph R., Richmond Heights, and L. D. Frederickson, assignors to Monsanto Chemical Company, St. Louis, Mo. Stabilized halogen-containing resins. 2,669,548, Feb. 16.
- Darby, Joseph R., and E. E. Cowell, to Monsanto Chemical Co. 2,689,837, Cl. 260—30.8.
- Darby, Joseph R., and E. E. Cowell, to Monsanto Chemical Co. 2,689,838, Cl. 260—30.8.
- Darby, Paul F.: *See—*
Evans, Richard E., Darby, and Catlin. 2,686,822.
Evans, Richard E., Darby, and Owen.
Evans, Richard E., Darby, and Owen. 2,686,824.
- Darby, Paul F., Fairfield, and T. R. Kinraide, Bridgeport, Conn., and R. A. A. Hentschel, Iliou, and J. Hammond, Sauquoit, N. Y., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Sabot projectile. 2,669,930, Feb. 23.
- D'Arcey, Alfred C.: *See—*
Fitzgerald, Charles F., and D'Arcey. 2,694,820.
- D'Arcey, Ellis W., assignor to De Vry Corporation, Chicago, Ill. Magnetic sound pickup recorder head and support therefor. 2,668,879, Feb. 9.
- Dare, Edwin J.: *See—*
Bowser, Virgil L., and Dare. 2,682,824.
- Dare Products, Incorporated, assignee: *See—*
Wilson, Robert M.
- Dargier de Saint Vaulry, Paul, Chatou, assignor to Lip S. A. d'Horlogerie, Besancon (Doubs), France. Electromagnetic oscillatory motor. 2,671,864, Mar. 9.
- Dargier de Saint Vaulry, Paul, to Lip S. A. d'Horlogerie. 2,685,655, Cl. 310—39.
- Darin & Armstrong, Inc.: *See—*
Darin, Peter C., and Billett. 2,693,343.
- Darin, Peter C., and R. A. Billett, to Darin & Armstrong, Inc. 2,693,343, Cl. 255.19.
- Darin, William, Lincoln Park, and J. J. Palid, Belleville, assignors to General Motors Corporation, Detroit, Mich. Spring winding machine. 2,668,349, Feb. 9.
- Darke, Francis J., Jr.: *See—*
Sziklai, George C., and Darke. 2,686,220.
- Darke, Francis J., Jr., to Radio Corp. of America. 2,685,001, Cl. 179—171.
- Darken, Marjorie A., to American Cyanamid Co. 2,685,554, Cl. 195—36.
- Darken, Marjorie A., and N. O. Sjolander, to American Cyanamid Co. 2,696,457, Cl. 195—36.
- Darley, W. S., & Co.: *See—*
Yates, De Witt E. 2,689,025.
- Darling, Horace E., to The Foxboro Co. 2,695,381, Cl. 318—28.
- Darling, Samuel M.: *See—*
Hughes, Everett C., and Darling. 2,684,893.
- Darling, Woodrow, to Radio Corp. of America. 2,685,030, Cl. 250—33.65.
- Darling, Woodrow, to Radio Corp. of America. 2,688,082, Cl. 250—33.53.
- Darlington, Sidney, assignor to Bell Telephone Laboratories, Incorporated. 2,678,997, Cl. 250—6.
- Darlington, Thomas B., Whitesbog, N. J. Picker for cranberries and the like. 2,664,692, Jan. 5.
- Darnall, James C., Jr., and L. M. Eidsness, Jr., to the United States of America as represented by the Secretary of the Navy. 2,690,122, Cl. 102—7.2.
- Darnell, Rex C. 2,692,445, Cl. 37—43.
- Darnell, Thomas H., to the United States of America as represented by the Secretary of the Navy. 2,685,008, Cl. 200—80.
- Darner, Frederic M., to Republic Steel Corp. 2,688,804, Cl. 33—185.
- Darner, Frederic M., to Republic Steel Corp. 2,695,942, Cl. 219—6.
- Darner, Frederic M., Shaker Heights, and W. J. Caine, Cleveland Heights, assignors to Republic Steel Corporation, Cleveland, Ohio. Manufacture of pipe. 2,665,362, Jan. 5.
- Darner, Frederic M., Shaker Heights, Ohio, and W. S. Schaefer, East Gadsden, Ala., assignors to Republic Steel Corporation, Cleveland, Ohio. Automatic seam following device for welding apparatus. 2,670,423, Feb. 23.
- Darney, Harold E., Bloomfield, assignor to Hanovia Chemical and Mfg. Company, Newark, N. J. Apparatus for irradiating liquids. 2,670,439, Feb. 23.
- Darpanian, Ernest V. 2,676,400, Cl. 30—151.
- Darr, Barnett A., Quincy, Calif. Auxiliary brake cam rod latch adjuster. 2,664,975, Jan. 5.
- Darragh, John L., and R. House, assignors to California Research Corporation. 2,679,533, Cl. 260—567.6.
- Darragh, John L., and G. B. Johnson, to California Research Corp. 2,688,583, Cl. 167—30.
- D'Arrigo, Stephen: *See—*
Magnuson, Roy M., and Daugherty. 2,682,288.
Magnuson, Roy M., and Donovan. 2,685,771.
- Dar-Syn Laboratories, Inc.: *See—*
Grier, Nathaniel. 2,689,850.
- Dart Mfg Co.: *See—*
Dart, William F. 2,695,454.
- Dart, Russel S., Middle Haddam, Conn. Line dividing mechanism for conveyers. 2,666,513, Jan. 19.
- Dart, William F., to Dart Mfg. Co. 2,695,454, Cl. 33—138.
- Darter, Rob R., Sikeston, Mo. Child's auxiliary seat for barber chairs. 2,665,746, Jan. 12.
- Dartmouth Skis, Inc.: *See—*
Blanchard, Royal L. 2,675,244.
Soucy, Ernest F. 2,695,800.
- Darwin, Clifford, to Crompton & Knowles Loom Works. 2,685,307, Cl. 139—110.
- Das, Gregory P. 2,695,648, Cl. 152—230.
- Dasch, Benno, Quito, Ecuador, assignor of one-half to Transamerican Mercantile Corporation, New York, N. Y. Lamellas for tractor wheels. 2,666,469, Jan. 19.
- Dasch, Frank E. 2,690,698, Cl. 88—29.
- Dashiell, Daniel H., and L. J. Bobb, to The International Electronics Co. 2,686,637, Cl. 242—55.
- Dashiell, Daniel H., and L. J. Bobb, to The International Electronics Co. 2,695,785, Cl. 274—4.
- Da Silva Costa, Alvaro. 2,686,567, Cl. 170—135.4.
- Dasso, David, Lima, Peru. Speed controlled warning signal. 2,665,657, Jan. 12.
- Datesman, Clarence W., Jr.: *See—*
Wendel, Peter J., and Datesman. 2,682,291.
- Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,670,948, Mar. 2.
- Dath, George E., to W. H. Miner, Inc. 2,687,100, Cl. 105—197.
- Dath, George E., to W. H. Miner, Inc. 2,696,176, Cl. 105—197.
- Datt, Paul L.: *See—*
Caples, Donald B., Willoughby, and Datt.
- Daub, Rudolph, 20% to F. A. Bower. 2,685,729, Cl. 29—156.5.
- Daub, Rudolph. 2,688,839, Cl. 60—13.
- Dauben, Joseph: *See—*
Nallinger, Friedrich K. H., and Dauben. 2,689,014.
- Daubenspeck, Henry C.: *See—*
Vierling, Walter V. 2,681,135.
Youkers, Harold A., and Vierling.
- Daubersy, Jean, Seraing, assignor to P. Coheur, Liege, Belgium. Manufacturing steel by blowing the molten iron. 2,672,413, Mar. 16.
- Daudt, William H., assignor to Dow Corning Corporation, Midland, Mich. Preparing alkyl trichlorosilanes. 2,672,475, Mar. 16.
- Daudt, William H., and L. J. Tyler, assignors to Dow Corning Corporation. 2,676,182, Cl. 260—448.2.
- Dauenhauer, Florian F. 2,677,378, Cl. 130—30.
- Dauenhauer, Florian F. 2,681,066, Cl. 130—30.
- Dauenhauer, Florian F. 2,685,773, Cl. 56—1.
- Dauenhauer, Florian F. 2,685,966, Cl. 209—114.
- Daugh, Dale L., assignor to The Dayton Rubber Company. 2,677,969, Cl. 74—233.
- Daugherty, Fount F. 2,691,483, Cl. 232—7.
- Daugherty, George W., Orlando, Fla., assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Spraying and dusting machine. 2,667,717, Feb. 2.
- Daugherty, George W., assignor to Food Machinery and Chemical Corporation. 2,676,057, Cl. 299—45.
- Daugherty, Jesse, assignor to Giddings & Lewis Machine Tool Company. 2,675,276, Cl. 308—3.
- Daugherty, Jesse, and W. B. Wigton, to Giddings & Lewis Machine Tool Co. 2,682,697, Cl. 29—26.
- Daugherty, Jesse, C. W. Ownley, and G. H. Jones, to Giddings & Lewis Machine Tool Co. 2,696,763, Cl. 90—15.
- Daugherty, Ralph K.: *See—*
Magnuson, Roy M., and Daugherty. 2,682,288.
Magnuson, Roy M., and Daugherty. 2,687,204.
- Daugherty, Roland H., H. A. Stadem, and E. H. Rouse. 2,694,981, Cl. 103—111.
- Daughtry, William W. 2,690,175, Cl. 128—71.
- Daugirdas, Kristupas, to Walworth Co. 2,691,195, Cl. 22—48.
- Daugirdas, Kristupas, to Walworth Co. 2,694,240, Cl. 22—34.
- Daubly, Milton. 2,691,888, Cl. 73—116.
- Dauncey, Leonard A., to The General Electric Co. Ltd. 2,692,456, Cl. 49—53.
- Dauncey, Leonard A., and D. G. Timms, to The General Electric Co. Ltd. 2,697,308, Cl. 49—53.
- Dauphinee, Enna E., and S. V. Antenbring, to Standard Oil Development Co. 2,685,293, Cl. 134—153.
- Dausch, Erwin: *See—*
Raible, Julius, and Dausch. 2,675,587.
- Dausch, Erwin F., to Vereinigte Kugellagerfabriken Aktiengesellschaft. 2,694,230, Cl. 19—135.
- Dautermann, Evaline W. and F. L. 2,690,864, Cl. 224—6.

- Dautermann, Frederic L.: *See*—
Dautermann, Evaline W. and F. L. 2,690,864.
Dautrebande, Lucien to Aerosol Corp. of America. 2,681,880, Cl. 167—58.
Dautrebande, Lucien. 2,696,373, Cl. 261—76.
Dautry, Daniel: *See*—
Montchaussé, André J., and Dautry. 2,691,700.
Da Valle, Bruno, San Jose, Calif. Implement supporting structure. 2,669,920, Feb. 23.
Davel, Vernal P., to Modern Equipment Co. 2,693,887, Cl. 214—19.
Daven Company, The, assignee: *See*—
Smith, John P., Jr. 2,678,985.
Davenport, Frank E.: *See*—
McQuiston, Raymond C., and Davenport.
Davenport, Granger: *See*—
Zimmermann, William F., and Davenport. 2,690,701.
Davenport, James D., to Kunkle Valve Co. 2,689,581, Cl. 137—478.
Davenport, Pearl N. 2,685,141, Cl. 36—7.6.
Davenport, Robert. 2,685,749, Cl. 35—41.
Davenport, William P.: *See*—
Paulson, William L., Jr., and Davenport. 2,685,078.
Davey, James R., Franklin Township, Somerset County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph repeater. 2,672,511, Mar. 16.
Davey, James R., assignor to Bell Telephone Laboratories, Incorporated. 2,677,016, Cl. 178—73.
Davey, Kingsley. 2,697,589, Cl. 259—134.
David, Andrew C. 2,691,836, Cl. 39—31.
David, Andrew M. 2,673,769, Cl. 229—73.
David, Andrew M. 2,681,175, Cl. 229—75.
Davidon, William C., to Nuclear Instrument and Chemical Corp. 2,686,008, Cl. 235—92.
Davidsmeyer, Orville H., and A. R. Eggensperger, assignors to Pioneer Electric and Research Corporation. 2,675,535, Cl. 340—147.
Davidson, Allen R. 2,685,610, Cl. 178—7.5.
Davidson, Arthur C., Chicago, Ill. Control for railway truck bolster spring. 2,672,102, Mar. 16.
Davidson, Bruce J., assignor to National Biscuit Company. 2,674,377, Cl. 211—72.
Davidson Corp.: *See*—
Davidson, William W. 2,693,357.
Dell, Edward F.
Davidson, Craig: *See*—
Stoneman, Alan C., and Davidson. 2,679,331.
Davidson, Eric B., Winchfield, England. Filter for liquids. 2,670,852, Mar. 2.
Davidson, George W., Whittier, A. M. Kupfer, San Gabriel, and C. B. Kilmer, San Marino, Calif., assignors to Container Corporation of America, Chicago, Ill. Corner pad. 2,670,122, Feb. 23.
Davidson, Glenn, Aurora, Ill. Cigarette mouthpiece material. 2,668,544, Feb. 9.
Davidson, Harold: *See*—
Ramsden, Hugh E., and Davidson. 2,675,398.
Davidson, Harvey E., and J. F. Eaton, assignors to Bethlehem Supply Company. 2,676,788, Cl. 255—25.
Davidson, Hugh R., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Computer for integrating tristimulus values. 2,665,065, Jan. 5.
Davidson, Hugh R., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Color mixture computer. 2,671,609, Mar. 9.
Davidson, Hugh R., and J. M. Lambert, to General Aniline & Film Corp. 2,682,801, Cl. 88—14.
Davidson, Ivor M., and A. D. S. Carter, Farnborough, assignors to Power Jets (Research and Development) Limited, London, England. Gaseous fluid flow system. 2,666,453, Jan. 19.
Davidson, John, Upper Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum printing apparatus. 2,672,080, Mar. 16.
Davidson, John B., and T. R. Santelli, assignors, by mesne assignments, to Allied Chemical & Dye Corporation. 2,680,073, Cl. 92—21.
Davidson, John B., and E. J. Romatowski, to Allied Chemical & Dye Corp. 2,683,134, Cl. 260—70.
Davidson, John R.: *See*—
Leffler, John J. 2,687,127.
Davidson, John T., assignor to The Standard Register Company. 2,674,185, Cl. 101—373.
Davidson, John T., to The Standard Register Co. 2,683,519, Cl. 197—133.
Davidson, John T., and P. G. Stimson, to The Standard Register Co. 2,683,599, Cl. 271—2.3.
Davidson, Philip. 2,693,587, Cl. 339—272.
Davidson, Samuel H., assignor to Imperial Chemical Industries Limited. 2,680,067, Cl. 52—7.
Davidson, Samuel H., and C. H. Rigby, assignors to Imperial Chemical Industries Limited. 2,680,068, Cl. 52—11.
Davidson, Thomas, to T. Davidson, and B. H. Cook, d. b. a. Stemco Mfg. Co. 2,684,113, Cl. 157—1.17.
Davidson, Trevor O., assignor to Bucyrus-Erie Company. 2,680,491, Cl. 180—79.2.
Davidson, Wilbur L.: *See*—
Calhoun, James C., Davidson, and Hansen. 2,692,053.
Davidson, William B., W. A. Wyatt, and W. B. Williamson. 2,676,319, Cl. 2—1.
Davidson, William W., to Davidson Corp. 2,693,357, Cl. 271—53.
Davidson, William W., Jr. 2,678,001, Cl. 101—147.
Davie, James. 2,675,767, Cl. 105—375.
Davies, Charles. 2,690,203, Cl. 153—3.
Davies, Charles H., and R. V. Ostling, Seattle, Wash., assignors to Boeing Airplane Company. Aircraft control column. 2,668,029, Feb. 2.
Davies, David O., to Rolls-Royce Ltd. 2,685,334, Cl. 158—36.4.
Davies, Eric R., to R. G. Davies. 2,696,826, Cl. 135—52.
Davies, Frank: *See*—
Moseley, John F., and Davies. 2,681,666.
Davies, Frank, to The British Cotton Industry Research Assn. 2,683,471, Cl. 139—336.
Davies, James R., and L. C. Starkweather. 2,694,330, Cl. 81—85.
Davies, Kenneth R., Ockbrook, and K. Herbstritt, Chellaston, assignors to Rolls-Royce Limited, Derby, England. Fuel system for gas-turbine engines. 2,670,599, Mar. 2.
Davies, Kenneth R., and K. Herbstritt, assignors to Rolls-Royce Limited. 2,674,847, Cl. 60—39.28.
Davies, Richard E., Williams, Ariz. Neon tube control apparatus. 2,673,341, Mar. 23.
Davies, Robert H., and R. W. Parcell, assignors to The Baker-Raulang Company. 2,677,475, Cl. 214—652.
Davies, Roland G.: *See*—
Davies, Eric R. 2,696,826.
Davies, Victor N. 2,676,559, Cl. 115—17.
Davies-Young Soap Company, The, assignee: *See*—
Trusler, Ralf B. 2,674,540.
Davila, Juan B. 2,683,878, Cl. 2—16.
Davis, Albert P., Haddon Heights, N. J. Retractable wind scoop. 2,666,604, Jan. 19.
Davis, Albert S., Jr., to Research Corp. 2,682,314, Cl. 183—7.
Davis, Alvin W. 2,676,007, Cl. 263—43.
Davis, Arthur G., Grosse Pointe Park, Mich. Gauge unit. 2,667,701, Feb. 2.
Davis, Arthur P., and J. K. Macomber, to American Bosch Arma Corp. 2,698,135, Cl. 235—61.5.
Davis, Austin E., Nashua, N. H., assignor to Nashua Corporation. Preparation of sheet material with re-moistenable gum coating. 2,666,718, Jan. 19.
Davis, Calvin V., La Grange, L. F. Harza, Highland Park, Ill., and J. F. Ward, Tacoma, Wash. Fish lock for downstream migration of fingerlings. 2,667,036, Jan. 26.
Davis, Charles G. 2,681,092, Cl. 150—52.
Davis, Charles W., to the United States of America as represented by the Secretary of the Navy. 2,686,890, Cl. 315—5.
Davis, Clyde O., H. A. Lewis, and G. A. Noddin, to E. I. du Pont de Nemours & Co. 2,685,251, Cl. 102—23.
Davis, David C. 2,682,438, Cl. 311—22.
Davis, David T.: *See*—
Woods-Hill, William, and Davis. 2,690,507.
Davis, Edgar B., Tangerine, Fla. Sliding jaw screw cap jar wrench. 2,669,141, Feb. 16.
Davis, Edna M. 2,686,518, Cl. 128—287.
Davis, Edward A. 2,684,841, Cl. 265—27.
Davis, Edward W., to Regents of the University of Minnesota. 2,696,432, Cl. 75—5.
Davis, Elwood A.: *See*—
Hopkins, George W., Davis, and Zickler.
Taylor, Lawrence B., Malavazos, Davis, and Bergfelt. 2,692,084.
Davis, Elwood T., Havertown, assignor to Leeds and Northrup Company, Philadelphia, Pa. Rate and reset rebalanceable control system. 2,666,170, Jan. 12.
Davis, Elwood T., to Leeds and Northrup Co. 2,688,717, Cl. 318—28.
Davis, Ernest, and R. D. McCallum, assignors to The Prosperity Company, Inc., Syracuse, N. Y. Two electric motor power unit. 2,666,863, Jan. 19.
Davis, Floyd E., assignor to United States Steel Corporation. 2,679,175, Cl. 78—80.
Davis, Francis W. 2,696,990, Cl. 280—47.13.
Davis, Frank E., Louisville, Ky. Casket. 2,664,614, Jan. 5.
Davis, Frank L.: *See*—
Townsend, Rex, and Davis. 2,691,272.
Davis, Frederick L. 2,694,175, Cl. 322—42.
Davis & Furber Machine Co.: *See*—
Howes, Irving C., and Grieco. 2,695,429.
Davis & Geck, Inc.: *See*—
Grover, Paul W. 2,692,676.
Powers, Carl A., and Ayres. 2,694,487.
Davis, George H.: *See*—
Nichols, Horace E., and Davis. 2,688,307.
Davis, Gustoff W., and M. C. Waltz, to Bell Telephone Laboratories, Inc. 2,694,040, Cl. 204—15.
Davis, Harold C., and R. A. Claridge, to Bemis Bro. Bag Co. 2,693,304, Cl. 226—18.
Davis, Harvey J.: *See*—
Martenson, Eugene, and Davis. 2,683,594.
Davis, Hazel E. 2,691,439, Cl. 206—56.
Davis, Herbert L., Walpole, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for coating strip material. Re. 23,787, Feb. 23.
Davis, Hiram S.: *See*—
Miner, Ernest F., and Davis. 2,684,492.
Davis, Hollie M. 2,687,579, Cl. 35—9.
Davis, Howard M. 2,674,777, Cl. 27—24.

- Davis, Hyman R.: *See*—
Bloomer, Ward J., and Davis. 2,674,846.
Bloomer, Ward J., and Davis. 2,698,050.
- Davis, James E. 2,691,150, Cl. 340—26.
- Davis, James O., and W. Eckardt, assignors to The Hurdle Manufacturing Company. 2,675,254, Cl. 285—172.
- Davis, Jesse B., and E. Pick, assignors to The Permutit Company. 2,677,390, Cl. 137—594.
- Davis, Joe G., assignor to Boeing Airplane Company. 2,680,583, Cl. 244—134.
- Davis, John E. 2,686,101, Cl. 346—108.
- Davis, John H., Jr., and A. P. Nelson, to Alloy Steel Products Co., Inc. 2,692,750, Cl. 251—210.
- Davis, John K.: *See*—
Glancy, Anna E., and Davis.
- Davis, John K., to American Optical Co. 2,682,197, Cl. 88—57.
- Davis, John V., assignor to The Udylyte Corporation. 2,678,714, Cl. 198—19.
- Davis, John V., assignor to The Udylyte Corporation. 2,678,719, Cl. 198—209.
- Davis, John V., to The Udylyte Corp. 2,681,015, Cl. 104—93.
- Davis, John W., Lawndale, assignor to R. Lane and R. S. Groman, doing business as Television Accessories, Los Angeles, Calif. Antenna network. 2,666,846, Jan. 19.
- Davis, Kingsbury H.: *See*—
Biddulph, Rulon S., and Davis. 2,685,615.
- Davis, Larry. 2,676,025, Cl. 279—123.
- Davis, Leo R.: *See*—
Rosenblatt, Morris S., and Davis. 2,674,217.
- Davis, Lewis M., to Sealed Power Corp. 2,685,484, Cl. 309—29.
- Davis, Lewis W.: *See*—
Gruber, Bernard A., and Davis. 2,688,169.
- Davis, Lillian A. 2,692,043, Cl. 206—6.
- Davis, Loren R., and T. A. McCarran, to Kaiser Metal Products, Inc. 2,686,699, Cl. 311—4.
- Davis, Louis F., assignor to The Atlantic Refining Company. 2,680,408, Cl. 103—4.
- Davis, Mansell A. 2,678,858, Cl. 311—39.
- Davis, Martha E., and J. C. Jacobsen, to United States of America as represented by the Secretary of Agriculture. 2,683,458, Cl. 129—16.1.
- Davis, Milton W., Jr., Wilmington, Del., assignor to the United States of America as represented by the United States Atomic Energy Commission. Production of fluorinated diketones. 2,670,353, Feb. 23.
- Davis, Nelson L., Chicago, Ill. Method and apparatus for separating and drying comminuted solids. 2,670,078, Feb. 23.
- Davis, Nelson L. 2,688,423, Cl. 222—195.
- Davis, Nelson L. 2,692,048, Cl. 209—172.5.
- Davis, Nelson L. 2,692,049, Cl. 209—172.5.
- Davis, Oliver F., and H. G. Belitz, to The Commonwealth Engineering Co. of Ohio. 2,685,121, Cl. 29—17.
- Davis, Patrick H., assignor to Champion Dish Washing Machine Company, Erie, Pa. Link conveying belt. 2,667,262, Jan. 26.
- Davis, Ralph B., Prestonsburg, Ky. Pie and cake pan handle. 2,673,114, Mar. 23.
- Davis, Ralph C., and H. H. Deist, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Electric motor positioned according to time-temperature schedule. 2,666,173, Jan. 12.
- Davis, Ralph E., Milwaukee, Wis. Sacroiliac belt with crotch straps. 2,673,346, Mar. 30.
- Davis, Ralph P., to Walworth Co. 2,695,431, Cl. 22—21.
- Davis, Raymond C., assignor to General Motors Corporation. 2,678,104, Cl. 170—173.
- Davis, Raymond C., to General Motors Corp. 2,690,063, Cl. 64—13.
- Davis, Raymond G.: *See*—
Mesi, Michael J., and Davis.
- Davis, Raymond J. 2,675,574, Cl. 15—210.
- Davis, Raymond L., II, to Leeds and Northrup Co. 2,698,222, Cl. 23—232.
- Davis, Robert A.: *See*—
Stiles, Lloyd C., and Davis.
- Davis, Robert B. 2,674,391, Cl. 220—90.
- Davis, Robert O., assignor to The Gene Olsen Corporation. Adrian, Mich. Control system for concrete block machines. 2,672,669, Mar. 23.
- Davis, Roy C., and R. G. Taylor, Jr., to The Guiberson Corp. 2,695,794, Cl. 285—97.1.
- Davis, Roy S. 2,687,802, Cl. 209—121.
- Davis, Russell S.: *See*—
Schwartz, Bert B., Platz., and Davis. 2,681,397.
- Davis, Selby B., Greenwich, and S. D. Willson, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Anilinoisoquinolines and preparing the same. 2,666,059, Jan. 12.
- Davis, Spencer H. 2,681,137, Cl. 198—230.
- Davis, Stafford E., to Ark-Les Switch Corp. 2,681,447, Cl. 1—177.
- Davis, Thomas E., Rock Hill, S. C., assignor to Rock Hill Printing & Finishing Company. Method and means for coloring embossed fabric. 2,667,426, Jan. 26.
- Davis, Thomas E., to Rock Hill Printing & Finishing Co. 2,689,070, Cl. 223—32.
- Davis, Thomas H.: *See*—
Bruce, John K., and Davis. 2,685,975.
- Davis & Thompson Co.: *See*—
Otto, Gerhold L. 2,697,952.
- Davis, Vincent C., to California Research Corp. 2,686,293, Cl. 324—62.
- Davis, Wade A., to American Machine Development Co. 2,697,439, Cl. 131—146.
- Davis, Walter E.: *See*—
Dennison, William W., Abramson, and Davis. 2,689,587.
- Davis, Walter M., Sr. 2,678,070, Cl. 143—26.
- Davis, Warren H., Jr.: *See*—
Shepard, Hayden W., and Davis. 2,686,340.
- Davis, Whitman W., Burbank, Calif. Serrating machine. 2,673,477, Mar. 30.
- Davis, Wilbur M. 2,681,955, Cl. 200—52.
- Davis, William E. Re. 23,821, Cl. 62—117.1.
- Davis, William H., to Sun Oil Co. 2,689,624, Cl. 183—115.
- Davis, William H., to Sun Oil Co. 2,689,625, Cl. 183—115.
- Davis, William H., and G. F. Millstead. 2,674,428, Cl. 248—229.
- Davis, William L., to Hathaway Instrument Co. 2,687,338, Cl. 346—109.
- Davis, William L. 2,696,851, Cl. 143—6.
- Davison, Alan: *See*—
Baker, George T., and Davison.
- Davison, Alan, and J. G. Pearce, assignors to Automatic Telephone & Electric Company Limited. 2,677,768, Cl. 250—36.
- Davison, Alan, and N. H. Robinson, to Automatic Telephone & Electric Co., Ltd. 2,681,386, Cl. 179—84.
- Davison Chemical Corp.: *See*—
Ahlberg, Jacob E., Baral, and Tongue. 2,680,100.
- Baral, Leon L., and Wilson. 2,684,340.
- Ellis, Edward J.
- Nicholson, Finley C., and Wilson. 2,685,569.
- Davison, Perl M. 2,688,429, Cl. 226—31.
- Davison, Richard, and H. C. Wynnee, to Pilkington Brothers Ltd. 2,691,851, Cl. 49—14.
- Davison, Richard, and W. A. Lightfoot, to Pilkington Brothers Ltd. 2,696,698, Cl. 49—14.
- Davison, Roy W., Chicago, Ill. Brush. 2,666,940, Jan. 26.
- Davison, Jacob W.: *See*—
Tanner, Fred W., Jr., Davison, Finlay, and Kane. 2,689,854.
- Davison, Kenneth R.: *See*—
Baldridge, Walter M., and Davison. 2,696,977.
- Davitt, James J., Jr., assignor to M. M. Davitt. 2,675,114, Cl. 197—189.
- Davitt, James J., Jr., to M. M. Davitt. 2,693,266, Cl. 197—189.
- Davitt, Mary M.: *See*—
Davitt, James J., Jr. 2,675,114.
- Davitt, James J., Jr. 2,693,266.
- Davol Rubber Co.: *See*—
Hanna, Ezra L. 2,697,424.
- Perreault, Emile V. 2,693,187.
- Raiche, Paul A. 2,677,375.
- Raiche, Paul A. 2,687,131.
- Raiche, Paul A. 2,690,595.
- Raiche, Paul A. 2,693,191.
- Rodriguez, Camille. 2,693,188.
- Davoud, John G., to Courtaulds Ltd. 2,684,360, Cl. 260—230.
- Davy, Christopher H., to The Babcock & Wilcox Co. 2,688,315, Cl. 122—360.
- Davy, Edward D. 2,682,533, Cl. 260—210.
- Davy, Lee G.: *See*—
Young, De Walt S., and Davy.
- Dawdy, Harley E., East Alton, Ill. Dual hinge. 2,668,981, Feb. 16.
- Dawe, Albert J., Milwaukee, L. H. Matthias, Fox Point, and W. A. De Smidt, Whitefish Bay, assignors to Allen-Bradley Company, Milwaukee, Wis. Autotransformer starter. 2,670,411, Feb. 23.
- Dawley, John G. 2,693,588, Cl. 340—63.
- Dawson, David W. O.: *See*—
Botham, George H., Lancaster, and Dawson. 2,689,177.
- Dawson, E. I., assignee: *See*—
Hodgson, George H.
- Dawson, Edward, New York, assignor to The Sperry Corporation, Great Neck, N. Y. High-speed counter-mechanism. 2,668,013, Feb. 2.
- Dawson, Edward W.: *See*—
Creek, John O., and Dawson. 2,676,521.
- Dawson, Harold H.: *See*—
Alexander, William R., Williams, Dawson, and Bentz.
- Dawson, Harry A., Jr., 1/2 to J. S. Lacey. 2,693,358, Cl. 273—202.
- Dawson, Kenwood S., to Waterbury Corrugated Container Co. 2,690,286, Cl. 229—35.
- Dawson, Melvyn H., Coral Gables, Fla. Semiautomatic parking garage building. 2,667,980, Feb. 2.
- Dawson, Reginald D., assignor to Shell Development Company. 2,675,352, Cl. 252—8.5.
- Dawson, Reginald D., assignor to Shell Development Company. 2,675,353, Cl. 252—8.5.
- Dawson, Robert A. J. 2,675,681, Cl. 61—46.
- Dawson, Wilfred P. 2,675,600, Cl. 25—132.
- Dawson, William C.: *See*—
Harding, Robert J., and Dawson. 2,677,395.
- Dawson, William O.: *See*—
Sellet, Lucien, and Dawson. 2,690,434.

- Dawton, Ralph H. V. M.: *See*—
Randall, John T., Sayers, Boot, and Dawton. 2,680,827.
- Day, Carl L., and F. E. Fauth, assignors to Crown Cork & Seal Company, Inc. 2,676,742, Cl. 226—98.
- Day, Carl L., and L. F. Pahl, to Crown Cork & Seal Co. 2,685,396, Cl. 226—124.
- Day, Carl L., and R. H. Breeback, to Crown Cork & Seal Co., Inc. 2,692,075, Cl. 226—75.
- Day, Carl L., and F. E. Fauth, to Crown Cork & Seal Co., Inc. 2,692,671, Cl. 198—34.
- Day, Carl L., and F. E. Fauth, to Crown Cork & Seal Co., Inc. 2,696,338, Cl. 226—115.
- Day, Dewey D., assignors to The Murray Company of Texas, Inc., Dallas, Tex. Lint cleaner. 2,669,755, Feb. 23.
- Day, Harry E., and E. G. Biederman, to Link Welder Corp. 2,683,206, Cl. 219—4.
- Day, Jean, to Compagnie Generale de Telegraphie Sans Fil. 2,689,186, Cl. 106—39.
- Day, Kenneth D. 2,697,361, Cl. 74—230.17.
- Day, Lamar L., assignee: *See*—
Day, Leslie.
- Day, Leslie, Chicago, Ill., assignor of one-half to L. L. Day, St. George, Staten Island, N. Y. Electrical switch mechanism. 2,666,115, Jan. 12.
- Day, Pierce B.: *See*—
Buchele, Donald R., and Day. 2,679,183.
- Day, William P. 2,687,071, Cl. 94—48.
- Day-Brite Lighting, Inc.: *See*—
Taylor, George J., and Stahlhut. 2,683,799.
- Dayger, Jonas E.: *See*—
Wilson, Lawrence A., Dayger, Babel, and Stanton. 2,690,222.
- Dayger, Jonas E., and A. N. Miller, to International Business Machines Corp. 2,681,615, Cl. 101—93.
- Dayley, Carl C., to Container Lock Lid Co. 2,694,589, Cl. 292—29.
- Daystrom Inc.: *See*—
Falconer, Robert W. 2,697,387.
Lane, Clifford J. 2,697,386.
- Dayton, A. V., Engineering Corp., assignee: *See*—
Green, William G.
Green, William G. 2,676,265.
- Dayton Aircraft Products, Inc., assignee: *See*—
Von Wald, Walter A., Jr., and Marshall.
- Dayton Pump & Manufacturing Company, The, assignee: *See*—
Bergh, Charles J.
Lung, Kenneth R. 2,674,189.
- Dayton Rubber Co., The: *See*—
Bacon, Henry M. 2,698,032.
Freedlander, Abraham L.
Freedlander, Abraham L. 2,688,070.
Lofton, Edgar K. 2,675,592.
Rockoff, Joseph.
Talalay, Leon.
Waugh, Dale L. 2,677,969.
- Dazey, Harry D. 2,690,625, Cl. 40—121.
- Dazley, Frederick C., to General Electric Co. 2,689,909, Cl. 240—52.
- Dazzi, Joachim: *See*—
Knowles, William S., and Dazzi. 2,683,161.
Knowles, William S., and Dazzi. 2,684,955.
- Dazzi, Joachim, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Trialkyl-1-benzoylpropane-1,2,3-tricarboxylates and preparing same. 2,667,504, Jan. 26.
- Dazzi, Joachim, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Surface-active composition. 2,667,506, Jan. 26.
- Dazzi, Joachim, to Monsanto Chemical Co. 2,687,389, Cl. 260—30.4.
- Dazzi, Joachim, to Monsanto Chemical Co. 2,687,390, Cl. 260—31.4.
- Dazzi, Joachim, to Monsanto Chemical Co. 2,687,428, Cl. 260—485.
- Dazzi, Joachim, to Monsanto Chemical Co. 2,687,429, Cl. 260—485.
- Dazzi, Joachim, to Monsanto Chemical Co. 2,689,865, Cl. 260—479.
- Dazzi, Joachim, to Monsanto Chemical Co. 2,695,280, Cl. 260—31.8.
- Dazzi, Joachim, to Monsanto Chemical Co. 2,695,299, Cl. 260—306.
- Dazzi, Joachim, and J. R. Darby, to Monsanto Chemical Co. 2,683,701, Cl. 260—31.8.
- D'Azzo, Errol P. 2,695,663, Cl. 160—22.
- D'Azzo, Errol P. 2,695,763, Cl. 248—273.
- d-Con Co., Inc., The: *See*—
Link, Karl P. 2,687,365.
- De Directie van de Staatsmijnen in Limburg: *See*—
Goedkoop, Martinus L.
Hoek, Theodorus J. J. 2,684,891.
Van Loon, Willem. 2,677,603.
Zeegers, Rudolph N. G.
Zeegers, Rudolph N. G. 2,677,599.
- De Directie van de Staatsmijnen in Limburg, Handelend voor en namens de Staat der Nederlanden: *See*—
Goedkoop, Martinus L. 2,693,452.
Goedkoop, Martinus L. 2,693,453.
Klijzing, Daniël, and Idema. 2,694,989.
Klijzing, Daniël, and Idema. 2,694,990.
Klijzing, Daniël, and Idema. 2,695,010.
Van Krevelen, Dirk W. 2,693,446.
- De Nederlandsche Centrale Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek, assignee: *See*—
Aten, Adriaan H. W., and Wlechers.
- De Nederlandse Centrale Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek: *See*—
De Veen, Jan. 2,689,425.
- Deacon, John F. 2,684,666, Cl. 123—179.
- Deakin, Gerald, to International Standard Electric Corp. 2,686,836, Cl. 179—9.
- Deakin, Gerald, to International Standard Electric Corp. 2,696,525, Cl. 179—18.
- Dean, Albert C.: *See*—
Barnes, Gladeon M., Fike, and Dean. 2,685,263.
Dean, Albert, Jr. 2,693,653, Cl. 39—31.
Dean, Alfred R. 2,691,557, Cl. 308—211.
Dean, Byron L. 2,677,839, Cl. 15—128.
Dean, Della P.: *See*—
Kingston, Fanny L., and Dean. 2,690,564.
- Dean, Dion K., to Foster Wheeler Corp. 2,696,775, Cl. 99—246.
- Dean, Elliott D., assignor, by mesne assignments, to The Putnam Needle Company. 2,679,312, Cl. 198—33.
- Dean, Howard O. 2,685,145, Cl. 43—42.15.
- Dean, Jack E.: *See*—
Cornell, Roy C., and Dean. 2,689,408.
- Dean, James, and B. W. Pollard, to National Research Development Corp. 2,694,192, Cl. 340—174.
- Dean, John J., Pomona, Calif. Turn indicator for vehicles. 2,669,212, Feb. 16.
- Dean, Joseph, Harrogate, England. Traveling support for hand drying machines. 2,664,991, Jan. 5.
- Dean, Karl C.: *See*—
Schack, Carl H., and Dean.
- Dean, Laurence B.: *See*—
Wagner, Edward L., and Dean. 2,688,529.
- Dean, Milo M., N. A. Thunstrom, and F. N. Ruic, to The Greyhound Corp. 2,682,928, Cl. 180—53.
- Dean, Milo M., and N. A. Thunstrom, to The Greyhound Corp. 2,689,013, Cl. 180—53.
- Dean, Percy W., to The Aerogen Co. Ltd. 2,693,947, Cl. 261—18.
- Dean, Ralph L. 2,690,621, Cl. 35—9.
- Dean, Raymond M., E. P. Cashman, and J. E. Thomas, to Standard Oil Development Co. 2,688,643, Cl. 260—671.
- Dean, Reginald S., assignor to Chicago Development Corporation. 2,678,292, Cl. 148—31.
- Dean, Reginald S., to Chicago Development Corp. 2,692,213, Cl. 117—130.
- Dean, Roy H.: *See*—
Bauman, Joseph J., and Dean. 2,691,552.
- Dean, Walter B., Paris, France, assignor to The Budd Company, Philadelphia, Pa. Self-propelled vehicle. 2,667,843, Feb. 2.
- Dean, Walter B., Paris, France, and G. D. Pagon, Ambler, assignors to The Budd Company, Philadelphia, Pa. Movable berth installation. 2,673,353, Mar. 30.
- Dean, William R., Torrington, Wyo. Drawer seat. 2,666,473, Jan. 19.
- Deanesly, Richard M., assignor to Universal Oil Products Company. 2,675,883, Cl. 183—2.7.
- Deanesly, Richard M., assignor to Universal Oil Products Company. 2,675,884, Cl. 183—2.7.
- Deanesly, Richard M., to Universal Oil Products Co. 2,684,325, Cl. 196—49.
- De Anguera, Philip. 2,693,287, Cl. 214—89.
- Deans, Frederick E., to The Bentley Engineering Co. Ltd. 2,685,187, Cl. 66—188.
- Deans, Frederick E., and C. H. Wainwright, Leicester, and A. W. Kent, Groby, assignors to The Bentley Engineering Company Limited, Leicester, England. Hand appliance for hauling chains. 2,672,743, Mar. 23.
- Deans, Frederick E., and C. F. Manger, to The Bentley Engineering Co. Ltd. 2,685,186, Cl. 66—14.
- Dearborn, Ernest R., Ashland, assignor to Angier Corporation, Framingham, Mass. Wrapping machine for irregularly curved articles. 2,666,283, Jan. 19.
- Dearborn, Frederick E. 2,695,286, Cl. 260—239.5.
- Dearborn, Howard K., Berea, Ohio. Adjustable self-spreading sprinkler. 2,673,119, Mar. 23.
- Dearborn Motors Corporation, assignee: *See*—
Altgelt, Rudolph J.
Blaauw, Andrew, and Findley.
Erwin, Robert L.
Frevik, Ralph C.
Hauswirth, Vernon O.
Miller, Raymond J.
Miller, Raymond J., and Wilson.
Raught, Arthur V.
Richey, Clarence B.
Sawyer, Frederick D.
Schach, Wilbur A.
Witt, Robert H.
- Deardorff, Clinton E., San Fernando, assignor to Bendix Aviation Corporation, North Hollywood, Calif. Load responsive pressure regulating valve. 2,665,552, Jan. 12.
- Deardorff, Clinton E., assignor to Bendix Aviation Corporation. 2,679,948, Cl. 220—71.
- Deardorff, Clinton E., Sepulveda, W. E. Elder, Sherman Oaks, and N. J. Bifano, Los Angeles, assignors to Bendix Aviation Corporation, North Hollywood, Calif. Combination master cylinder and power brake valve. 2,670,004, Feb. 23.

- Deardorff, Clinton E., and F. W. Schneck, to Bendix Aviation Corp. 2,696,827, Cl. 137—102.
- Deardurff, Lawrence R., to Owens-Corning Fiberglas Corp. 2,684,309, Cl. 117—72.
- Dearing, William C., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. 2,680,682, Cl. 92—3.
- Dearing, William C., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. 2,680,734, Cl. 260—70.
- De Armond, Ralph R., to Pettibone Mulliken Corp. 2,689,637, Cl. 198—57.
- Dearstyn, John T., to General Aniline & Film Corp. 2,685,237, Cl. 95—11.
- Deatherage, Joe A. 2,675,563, Cl. 4—57.
- De Bacco, Gerald: *See—*
- De Bacco, John and G. 2,676,397.
- De Bacco, John and G. 2,676,397, Cl. 30—47.
- De Bella, Peter. 2,684,247, Cl. 273—131.
- Debenham, Frank, to Geographical Projects Ltd. 2,694,634, Cl. 95—5.
- De Benneville, Peter L., assignor to Rohm & Haas Company. 2,675,383, Cl. 260—249.6.
- De Benneville, Peter L., and L. J. Exner, to Rohm & Haas Co. 2,689,249, Cl. 260—309.7.
- De Benneville, Peter L., and S. Melamed, to Rohm & Haas Co. 2,694,687, Cl. 260—2.1.
- De Boer, Gerard W. 2,678,993, Cl. 219—46.
- De Boisblanc, Deslonde R.: *See—*
- McCollom, Kenneth A., and de Boisblanc. 2,695,987.
- De Boisblanc, Deslonde R., assignor to Phillips Petroleum Company. 2,679,746, Cl. 73—35.
- De Boisblanc, Deslonde R., to Phillips Petroleum Co. 2,691,303, Cl. 73—194.
- De Boisblanc, Deslonde R., and E. A. Malick, to Phillips Petroleum Co. 2,688,875, Cl. 73—304.
- Debonair Belt, Inc.: *See—*
- Lane, Stanley. 2,681,453.
- De Brabander, Camiel, and F. Rudbarg, to American Viscose Corp. 2,696,653, Cl. 28—71.3.
- De Brey, Heinrich, and F. L. van Weenen, to Hartford National Bank and Trust Co. 2,688,228, Cl. 60—24.
- Debrie, Andre V. L. C., Paris, France. Removable pumping tank for automatic developing machines. 2,673,007, Mar. 23.
- Debrie, André V. L. C. 2,689,729, Cl. 271—2.3.
- De Brocke, Ben H. 2,690,338, Cl. 273—81.
- De Busk, Ralph E.: *See—*
- Hagemeyer, Hugh J., Jr., and De Busk. 2,678,925.
- Deca, John, Mines Furnace, Inc., assignee: *See—*
- Diehl, Charles P. 2,674,445.
- De Camp, William H. 2,687,177, Cl. 166—76.
- De Campos Bueno, Adalberto C. 2,696,091, Cl. 65—31.
- De Carli, Earl V., to General Electric Co. 2,693,690, Cl. 68—263.
- De Carlo, Joseph J., North Tarrytown, N. Y. Rocket motor hot ash extinguishing and cooling device. 2,367,839, Feb. 2.
- De Cat, Arthur H.: *See—*
- Van Dormael, André E., Nys, and De Cat. 2,680,686.
- De Cat, Arthur H., Kessel-Loo, Louvain, G. M. Sevens, Berchem-Antwerp, and A. E. Van Dormael, Heverlee-Louvain, assignors to Gevaert Photo-Producten N. V., Mortsels, Belgium. Manufacture of photographic color images. 2,668,112, Feb. 2.
- Decat, Jules, Moatrouge, France. Shoveling apparatus. 2,670,070, Feb. 23.
- De Cato, Theodore A., Bridgeport, Conn. Roller attachment for garden tractors. 2,664,683, Jan. 5.
- Decca Record Co., Ltd., The: *See—*
- Holden, Alfred T., and Wallis. 2,678,633.
- O'Brien, William J., Bridges, Hendley, Easy, and Vickers. 2,690,559.
- De Cecco, Andrew. 2,696,725, Cl. 68—235.
- De Cenzo, Herbert A. 2,674,421, Cl. 244—7.
- Dechar, Edouard, to Walter Marshak Inc. 2,689,072, Cl. 224—48.
- Dechaux, Georges G. M. 2,692,402, Cl. 15—127.
- Dechentreiter, Josef. 2,692,465, Cl. 56—20.
- Decher, Siegfried: *See—*
- Oestrich, Hermann, Decher, and Stein.
- Decher, Siegfried, and W. Stein, to H. Oestrich. 2,688,841, Cl. 60—35.6.
- Dechert, George W. 2,697,884, Cl. 35—66.
- Deck, Philibert, and A. Rapp. 2,696,678, Cl. 34—60.
- Deckel, Friedrich W.: *See—*
- Gebele, Kurt. 2,697,391.
- Ossenbach, Karl. 2,689,505.
- Zwick, Kurt.
- Deckel, Hans: *See—*
- Gebele, Kurt. 2,697,391.
- Ossenbach, Karl. 2,689,505.
- Zwick, Kurt.
- Decker, Andrew H., C. W. Modersohn, and R. R. Palmer, to Warner Electric Brake & Clutch Co. 2,697,802, Cl. 315—355.
- Decker, Norman A. 2,696,695, Cl. 46—175.
- Decker, William H.: *See—*
- Campbell, Oliver F., and Decker. 2,688,589.
- Deckman, Gordon: *See—*
- Simpson, Edward H., and Deckman. 2,678,450.
- De Cloud, Joseph P. 2,692,005, Cl. 154—14.
- Decora Corp.: *See—*
- Smith, Leland M. and F. M. Re. 23,910.
- De Coriolis, Ernest G., assignor to Surface Combustion Corporation, Toledo, Ohio. Continuous process for the manufacture of a supplement gas. 2,671,718, Mar. 9.
- De Costa, Leo J.: *See—*
- McBean, Douglas M., and De Costa.
- De Craene, Edmond P.: *See—*
- Dopp, Carl A., Schmidt, and De Craene. 2,681,787.
- De Croes, Leon C. 2,683,499, Cl. 182—1.
- Deeg, Karl, and W. Kaden, to Agfa Camera-Werk Aktiengesellschaft. 2,693,743, Cl. 95—40.
- Deep Rock Oil Corp.: *See—*
- Beam, Jon W. 2,674,128.
- Beam, Jon W. 2,686,512.
- Beam, Jon W. 2,688,588.
- Deere & Co.: *See—*
- Altgelt, Herman E.
- Anderson, Ralph L.
- Bjerkman, Arthur J. 2,685,356.
- Bozeman, Virgil F., Sr., Sorensen, and Clausen. 2,682,739.
- Bozeman, Virgil F., Sr., Walz, Griff, and Clausen.
- Cook, Curtiss L., and Young. 2,695,734.
- Dort, Russell L. 2,686,522.
- Johnson, Ellsworth T. 2,676,446.
- Morrison, Charles S. 2,687,688.
- Morrison, Charles S. 2,687,690.
- Oehler, William P.
- Oehler, William P. 2,686,648.
- Oehler, William P. 2,686,686.
- Oehler, William P., and Immesoete. 2,687,682.
- Oehler, William P., and Immesoete. 2,687,682.
- Oehler, William P., and Youngberg. 2,682,737—8.
- Oerman, Orey W. 2,676,525.
- Paradise, Louis A. 2,688,284.
- Paul, Talbert W.
- Silver, Walter H., and Cantral.
- Silver, Walter H., and Cox.
- Silver, Walter H., and Cox. 2,690,622.
- Silver, Walter H., and Cox. 2,697,974.
- Silver, Walter H., and Lohrman.
- Silver, Walter H., and Lohrman. 2,685,241.
- Silver, Walter H., and Lohrman. 2,686,465.
- Silver, Walter H., and Lohrman. 2,697,973.
- Silver, Walter H., and Oerman.
- Sorensen, Knud B., and Clausen. 2,688,222.
- Stueland, Harold M. 2,679,943.
- Swim, Harold N., Jr.
- Young, William A. 2,686,523.
- Deere, John, Plow Company (Limited), assignee: *See—*
- Northcote, John A.
- Deere, John, Van Brunt Co.: *See—*
- Hyland, William A.
- Schnell, Ernst E. 2,676,555.
- Starr, John H. 2,695,576.
- Deere Mfg. Co.: *See—*
- Andrews, Norman F.
- Andrews, Norman F. 2,687,132.
- Andrews, Norman F., Slavens, and Adolphson. 2,680,015.
- Bloss, Harold W. 2,676,623.
- Bopf, Edward C., and Thomann.
- Cheatum, Leo G., and Summers. 2,697,358.
- Fletcher, Edward H. 2,676,686.
- Fletcher, Edward H. 2,691,462.
- Heller, Raymond H., and Liedtke. 2,680,401.
- Hill, George B. 2,676,532.
- Houck, Gordon H., and Hansen. 2,676,849.
- Jirsa, Emil F.
- McClellan, Marcus E. 2,687,608.
- McClellan, Marcus E., Skromme, Manns, and Bright.
- McClellan, Marcus E., Zollars, and Berry. 2,695,816.
- Nordenson, Willard H. 2,695,503.
- Slavens, Wayne E.
- Zollars, Richard U. 2,691,551.
- Deering, Milliken & Co., Inc., assignee: *See—*
- Rand, Henry J. 2,674,683.
- Deering Milliken Research Trust: *See—*
- Anderson, Wilmer C.
- Anderson, Wilmer C. 2,682,191.
- Brink, Robert M., and Chichester. 2,685,960.
- Hagan, Lamont. 2,683,647.
- Hare, Donald G. C.
- Hare, Donald G. C. 2,682,144.
- Ingham, Robert M., Jr.
- Janes, John R. 2,680,057.
- Klein, Norman E.
- Klein, Norman E. 2,678,780.
- Klein, Norman E. 2,697,560.
- Livak, John E. 2,683,644.
- Livak, John E., and Hagan. 2,690,953.
- May, John W. 2,677,507.
- May, John W. 2,687,853.
- Strother, Fred P.
- Wright, Edward J. 2,688,451.
- Deffenbaugh, James F., assignor to The Federal Machine and Welder Co., Warren, Ohio. Maintenance device. 2,665,530, Jan. 12.
- Deffenbaugh, John L., assignor to Caterpillar Tractor Co., Peoria, Ill. Track roller. 2,666,674, Jan. 19.
- Deffenbaugh, John L., assignor to Caterpillar Tractor Co. 2,674,504, Cl. 308—92.

- Deffenbaugh, John L. 2,696,803, Cl. 119—52.
 Dentley, Esther M., to Standard Oil Development Co. 2,688,596, Cl. 252—52.
 De Phillips, Paul, deceased, G. De Phillips executor of said P. De Phillips. 2,674,667, Cl. 200—61.33.
 De Phillips, Paul, to Phillips Rotary Joint & Valve Corp. 2,696,968, Cl. 251—192.
 De Florez Co., Inc., The: *See*—
 Bruckman, Paul M. W. 2,679,807.
 Gore, Owen L., Crawford, and Gams. 2,686,470.
 De Forest, Taber, and H. N. Staats, assignors to Magnaflux Corporation. 2,678,420, Cl. 324—32.
 De France, Henri G. M., and A. L. A. Feyzeau, to La Radio-Industrie S. A. 2,690,471, Cl. 178—5.2.
 De Francis, Joseph. 2,687,101, Cl. 107—7.
 De Francisco, Marshall S. 2,679,197, Cl. 95—44.
 De Frank, Russell F. 2,689,355, Cl. 5—109.
 De Frumerie, Nils G. M.: *See*—
 Wallin, Sven W., and de Frumerie. 2,764,178.
 De Fusco, Armando: *See*—
 Uhlig, Edwin C., and De Fusco. 2,678,961.
 De Ganahl, Carl. 2,696,020, Cl. 18—2.
 De Gauge, Charles L. E., Jr., to Johns-Manville Corp. 2,686,140, Cl. 154—52.
 De Gear, Edward: *See*—
 Peterson, Howard B., and De Gear.
 Degen, Hugo, to H. Heid. 2,681,086, Cl. 144—3.
 Degenfelder, Otto. 2,694,441, Cl. 155—133.
 Degenfelder, Walter B.: *See*—
 Feeney, Thomas A., Glenn, Degenfelder, Crandall, and Ripley.
 De Gier, Johannes, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Manufacturing luminescent screens. 2,665,220, Jan. 5.
 De Gier, Johannes, to Hartford National Bank and Trust Co., as trustee. 2,691,774, Cl. 340—369.
 De Gier, Johannes, and J. C. Janssen, to Hartford National Bank and Trust Co., as trustee. 2,684,557, Cl. 49—82.
 De Giers, Clarence A., to The Liquidometer Corp. 2,691,296, Cl. 73—32.
 Degnen, William J., to The M. W. Kellogg Co. 2,695,265, Cl. 196—52.
 De Goede, Barend, to Nederlandse Centrale Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek, The. 2,695,235, Cl. 99—57.
 De Graw, Othel L., to Gibson Refrigerator Co. 2,696,644, Cl. 20—38.
 De Grazia, Joseph, to the United States of America as represented by the Secretary of the Army. 2,686,916, Cl. 2—162.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,484, Cl. 252—344.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,485, Cl. 252—344.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,486, Cl. 252—344.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,487, Cl. 252—344.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,488, Cl. 252—344.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,510, Cl. 260—475.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,511, Cl. 260—475.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,512, Cl. 260—475.
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 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,521, Cl. 260—475.
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 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,523, Cl. 260—475.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,524, Cl. 260—481.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,525, Cl. 260—481.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,526, Cl. 260—481.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,527, Cl. 260—481.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,528, Cl. 260—481.
 De Groote, Melvin, assignor to Petrolite Corporation. 2,679,529, Cl. 260—481.
 De Groote, Melvin, to Petrolite Corp. 2,695,882, Cl. 252—340.
 De Groote, Melvin, to Petrolite Corp. 2,695,885, Cl. 252—342.
 De Groote, Melvin, to Petrolite Corp. 2,695,886, Cl. 252—342.
 De Groote, Melvin, to Petrolite Corp. 2,695,887, Cl. 252—344.
 De Groote, Melvin, to Petrolite Corp. 2,695,888, Cl. 252—344.
 De Groote, Melvin, to Petrolite Corp. 2,695,889, Cl. 252—344.
 De Groote, Melvin, to Petrolite Corp. 2,695,890, Cl. 252—344.
 De Groote, Melvin, to Petrolite Corp. 2,695,891, Cl. 252—344.
 De Groote, Melvin, to Petrolite Corp. 2,695,914, Cl. 260—475.
 De Groote, Melvin, to Petrolite Corp. 2,695,915, Cl. 260—475.
 De Groote, Melvin, to Petrolite Corp. 2,695,916, Cl. 260—475.
 De Groote, Melvin, to Petrolite Corp. 2,695,917, Cl. 260—475.
 De Groote, Melvin, and B. Keiser, to Petrolite Corp. Re. 23,851, Cl. 260—53.
 De Grote, Peter J.: *See*—
 Bohner, Kenneth A. 2,695,490.
 De Havilland Aircraft Company Limited, The, assignee: *See*—
 Clarke, Kenneth W. 2,676,487.
 Dehmelt, Richard C. 2,687,580, Cl. 35—12.
 Dehmelt, Richard C. 2,697,285, Cl. 35—10.2.
 Dehn, George L. C., and W. H. Crenshaw, to Magnaflux Corp. 2,682,032, Cl. 324—38.
 Dehn, Joseph W., assignor to Bell Telephone Laboratories, Incorporated. 2,676,313, Cl. 340—168.
 Dehn, Joseph W., to Bell Telephone Laboratories, Inc. 2,686,338, Cl. 179—18.
 De Hoff, Hugh C., Roselle Park, N. J., assignor to Standard Oil Development Company. Cleaning automobile radiators. 2,666,000, Jan. 12.
 De Hymel, Jean, Pasadena, Calif. Making decorative ceramic articles. 2,665,469, Jan. 12.
 Deibel, Raymond, East Aurora, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper. 2,668,725, Feb. 9.
 Deibel, Raymond, assignor to Trico Products Corporation. 2,675,958, Cl. 230—207.
 Deichmann, Walter: *See*—
 Gilbert, Herman W., and Deichmann. 2,686,565.
 Gilbert, Herman W., and Deichmann. 2,690,308.
 Deicken, Louis A. 2,679,098, Cl. 30—293.
 Deike, George H., Jr.: *See*—
 Green, Daniel A., and Deike.
 Deiman, Edgar A., and A. W. Lindert, assignors to Standard Oil Company. 2,677,618, Cl. 106—14.
 Deisinger, Joseph: *See*—
 McLaughlin, Dennis J., and Deisinger. 2,675,780.
 Deist, Herbert H.: *See*—
 Davis, Ralph C., and Deist.
 Deist, Herbert H., to The Firestone Tire & Rubber Co. 2,685,909, Cl. 154—9.
 Deister Concentrator Co., The: *See*—
 Griffin, Donald N. 2,696,298.
 Stone, Spencer A., and Weber. 2,681,751.
 Deitch, Clara E.: *See*—
 Reker, Louis R. G., Deitch, and Benson. 2,683,316.
 Deitch, William. 2,681,024, Cl. 112—68.
 Deitrickson, Roy H., to The National Supply Co. 2,682,257, Cl. 121—150.
 Deitz, Victor R.: *See*—
 Carpenter, Frank G., and Deitz. 2,693,706.
 De Jahn, Fredrik W., New York, assignor of one-half to A. N. Mann, Scarsdale, N. Y. Producing sponge iron. 2,668,105, Feb. 2.
 De Jarlais, Philip: *See*—
 Horn, Charles L., and De Jarlais. 2,683,515.
 De Jarnett, Frank D., 1/2 to P. A. Medearis. 2,684,166, Cl. 214—658.
 De Kalb, Ray E. 2,674,351, Cl. 188—79.5.
 De Kam, William G., to Kent-Moore Organization, Inc. 2,688,870, Cl. 73—113.
 Dekker, Arien, Fynaart, Netherlands. Crude oil burner. 2,671,505, Mar. 9.
 Dekold, Nickolas. 2,695,352, Cl. 219—19.
 De Koning, Arie A. and K. K. K. 2,678,114, Cl. 188—88.
 De Koning, Edwin W. 2,679,919, Cl. 198—34.
 De Koning, Kornelis K. K.: *See*—
 De Koning, Arie A. and K. K. K. 2,678,114.
 De Lagrevol, Maxime, Paris, and R. Laboureix, Neuilly-sur-Seine, France. Automatic screw pitch change and locking device. 2,669,311, Feb. 16.
 De La Mater, George B.: *See*—
 Homeyer, August H., De La Mater, and Cochran.
 Delamater, John: *See*—
 Carr, Harry. 2,690,862.
 Delamere & Williams Co., Ltd.: *See*—
 Bateman, Lawrence G. 2,696,381.
 Williams, Victor G. 2,693,067.
 De Lancey, Ralph W., to Miller Oil Burner Co., Inc. 2,688,362, Cl. 158—91.
 De Lancey, Warren H., assignor to Atlantic Development Company, Inc., Springfield, Mass. Oil burning apparatus. 2,669,184, Feb. 16.

- De Lancey, Warren H., Springfield, B. P. Pond, Longmeadow, Mass., and H. L. Chisholm, Jr., assignors to Houdaille-Hershey Corporation, Buffalo, N. Y. Adjustable fluid pump. 2,669,189, Feb. 16.
- Delaney, Caroline J.: *See—*
Anderson, Harry C., and Delaney. 2,681,303.
- Delano, Clarence B., assignor of one-half to J. L. Kohler, Bristow, Okla. Quick set extension gauge. 2,667,190, Jan. 26.
- De Lano, Walter W., to The Hamilton Tool Co. 2,694,570, Cl. 271—71.
- De Lany, Beatrice P., Miami Beach, Fla., and P. L. Copeland, Chicago, Ill. Electrical arc with pool-type electrodes. 2,673,303, Mar. 23.
- De Lany, Beatrice P., and P. L. Copeland. 2,675,495, Cl. 313—173.
- De Lany, Beatrice P., and P. L. Copeland. 2,679,020, Cl. 315—203.
- Delany, Daniel: *See—*
Hood, Myron E. 2,696,217.
- Delany, John J., Brooklyn, assignor to Delany Realty Corporation, New York, N. Y. Combination check valve and union. 2,670,757, Mar. 2.
- Delany Realty Corporation, assignee: *See—*
Delany, John J.
- De la Pomélie, Melchior M. F. J., to Gaz de France (G. D. F.) Service National. 2,696,606, Cl. 340—244.
- Delassus, Marcel: *See—*
Carabasse, Joseph, Delassus, and Mennessier. 2,680,707.
- Delastre, Jean: *See—*
Létrilliart, Pierre, Delastre, and Buchet. 2,683,827.
- De Lathauwer, Rene J. 2,694,838, Cl. 19—165.
- De La Torre, Rafael. 2,675,637, Cl. 40—131.
- De Laval Separator Co., The: *See—*
Cook, James E. 2,698,131.
Dron, Douglas W. 2,683,155.
Scott, Walter A. 2,688,500.
Scott, Walter A. 2,688,500.
Spross, Hubert M.
- De Laval Steam Turbine Co.: *See—*
Sennet, Morgan B. 2,693,762.
Sennet, Morgan B. 2,693,763.
Waller, Carl R.
- Delavan Welding Company, Inc., assignee: *See—*
Johnson, John J., Lempke, and Gentile. 2,680,627.
- Delaware Engineering Corp.: *See—*
Moore, William E. 2,684,392.
- Delaware Steeplechase and Race Assn., The: *See—*
Bernd, Lester E. 2,680,991.
- Del Camp, Scipione M., to Cinch Mfg. Corp. 2,694,799, Cl. 339—154.
- Del Camp, Scipione M., to Cinch Mfg. Corp. 2,697,210, Cl. 339—14.
- Delcroix, Jean: *See—*
Heintz, René, and Delcroix. 2,675,915.
- Delegard, Carl J.: *See—*
Nardulli, Michael J., and Delegard. 2,686,089.
- Delegard, Carl J., and M. J. Nardulli, to M. J. Nardulli, A. F. Naples, and P. F. Nardulli, as trustees, and known as Western Engineering Trust. 2,695,664, Cl. 160—380.
- Delehanty, Allen J., to Borroughs Tool & Equipment Co. 2,690,670, Cl. 73—119.
- De Leo, Monte: *See—*
Falanga, John, and de Leo. 2,694,191.
- De Leon, John, to Allen B. Du Mont Laboratories, Inc. 2,691,119, Cl. 315—31.
- De Leonardis, Michael J., Valley Stream, N. Y. Self-locking hinge. 2,665,448, Jan. 12.
- Delf, George A. 2,680,052, Cl. 312—92.
- Delfs, Detlef: *See—*
Passing, Heinrich, Bauer, and Delfs. 2,692,867.
- Del Giudice, Frank J., assignor to Boeing Airplane Company, Seattle, Wash. Drafting spline holder. 2,671,967, Mar. 16.
- Del Grosso, Gerard, assignor to Automatic Devices, Incorporated. 2,674,476, Cl. 287—54.
- Del Guercio, Victor R. 2,695,615, Cl. 128—287.
- D'Elia, Anthony, Jackson Heights, N. Y. Mouth and ear protector. 2,667,869, Feb. 2.
- Deline, Edwin F., and R. M. Plack. 2,675,167, Cl. 229—42.
- Dell, Edward F., Chicago, Ill., assignor, by mesne assignments, to Davidson Corporation. Dampening mechanism control means for rotary offset printing presses. 2,672,090, Mar. 16.
- Dell, Paul A.: *See—*
Noel, Edward B., and Dell.
- Dell, Paul A., Highland Heights, Ohio, assignor to General Electric Company. Apparatus for foliating wire ribbon leads. 2,670,640, Mar. 2.
- Della Bella, Francesco: *See—*
Crespi, Giovanni, and Della Bella. 2,684,842.
- Dellenbach, Edward F. 2,685,703, Cl. 15—167.
- Deller, Anthony W., assignee: *See—*
Pellegrino, Joseph.
- Del Llano, Jose S., assignor of one-fourth to R. M. Ferrer, Havana, Cuba. Closure for unrefillable containers. 2,672,998, Mar. 23.
- Delmar Co., The: *See—*
Zabalka, Harvey. 2,681,249.
- Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. High strength cable network for impact bulkheads. 2,669,402, Feb. 16.
- Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Cabin pressure regulator. 2,669,921, Feb. 23.
- Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Cabin pressure control instrument. 2,669,922, Feb. 23.
- Delmar Chemicals Limited, assignee: *See—*
Delmar, Geza S., and Macallum. 2,678,311.
- Delmar, Geza S. 2,675,389, Cl. 260—271.
- Delmar, Geza S., and E. N. Macallum, assignors to Delmar Chemicals Limited. 2,678,311, Cl. 260—253.
- Delmas, Robert A. 2,679,067, Cl. 15—263.
- Delmoussé, Georges, G. V. Austerweil, G. Lemoussu, and J. C. Poupinel, Paris, France. Purification and stabilization of fruit juices by ion exchange treatment. 2,667,417, Jan. 26.
- De Loe, Oliver P. 2,678,115, Cl. 188—89.
- De Loe, Oliver P., to The National Machinery Co. 2,689,358, Cl. 10—12.
- De Long, Chancey E.: *See—*
McCurdy, John L., and De Long.
- De Long, Vincent R., assignor to Collins Radio Company, Cedar Rapids, Iowa. Radio frequency matching transformer. 2,669,698, Feb. 16.
- Delor, Gaston C., F. E. M. Strahm, administrator of said G. C. Delor, deceased, $\frac{1}{2}$ to Societe Metallurgique de l'Escaut. 2,681,087, Cl. 144—309.
- Delord, Andre: *See—*
Khndzorian-Iablokoff, Arthur, Delord, Falinski, and Lautie. 2,674,543.
- De Lorenzo, Sylvio A.: *See—*
Curtis, Gerard W., and De Lorenzo.
- Delp, Russell F. 2,691,864, Cl. 57—66.5.
- Delpark Corporation, assignee: *See—*
Crane, Victor S.
- Delrien, Pierre, and A. Claude, assignors to Societe Anonyme pour les Applications de l'Electricite et des Gaz Rares-Etablissements Claude-Paz & Silva. 2,677,623, Cl. 117—33.26.
- Del Rio, Salvador M., New Canaan, Conn. Combination blind and awning. 2,670,792, Mar. 2.
- Delruelle, Andre: *See—*
Breyer, Frank G., and Delruelle.
- Delruelle, Andre, to Industrial and Financial Assn., Inc. 2,684,158, Cl. 210—202.5.
- Delruelle, Marthe C. H. V., heir: *See—*
Breyer, Frank G., and Delruelle.
- Delsasso, Leo P. 2,680,238, Cl. 340—6.
- Deltron Electric Products, Inc.: *See—*
Conrad, John F. 2,682,588.
- De Lyra, Jane L. 2,681,825, Cl. 296—97.
- Demanco Products Inc.: *See—*
Nichols, Brett S. 2,690,050.
- De Marchi, Alessandro, Biella, Italy. Torque transmission. 2,672,062, Mar. 16.
- De Marco, James. 2,676,478, Cl. 68—207.
- Demarest, Charles W., to Pastushin Aviation Corp. 2,696,184, Cl. 113—44.
- Demarest, Daniel D., Little Neck, N. Y. Dishwashing machine. 2,667,883, Feb. 2.
- Demarest, Daniel D., Port Washington, N. Y., R. M. Perkins, Upper Montclair, W. Karius, Union, and C. Berendt, Millburn, assignors to Linker Machines, Inc., Newark, N. J. Apparatus for removing casings from sausages and the like. 2,672,646, Mar. 23.
- Demarest, Daniel D., Port Washington, N. Y., R. M. Perkins, Upper Montclair, W. Karius, Union, and C. Berendt, Millburn, assignors to Linker Machines, Inc., Newark, N. J. Removing casings from sausages and the like. 2,672,649, Mar. 23.
- De Maria, Carmine, Collingswood, N. J. Reverting back sofa bed. 2,671,228, Mar. 9.
- De Mart, Le Roy S., Lancaster, Ohio, assignor to Diamond Power Specialty Corporation. Retractable soot blower of the long-travel trolley supported type. 2,668,978, Feb. 16.
- De Mart, Le Roy S., to Diamond Power Specialty Corp. 2,696,016, Cl. 15—317.
- Demas, Perry, and D. P. Bonacci. 2,692,076, Cl. 228—63.
- De Matteo, Dante E., to Thielex Plastics Corp. 2,686,745, Cl. 154—52.1.
- Demby, Chester A. 2,685,950, Cl. 192—127.
- De Ment, Harold E., Decatur, and H. L. Wisnasky, Forsyth, assignors to Tryco Manufacturing Co., Inc., Decatur, Ill. Rotary pump. 2,665,642, Jan. 12.
- De Merre, Marcel, Hoboken-lez-Anvers, Belgium. Separation of nickel from solutions containing cobalt and nickel. 2,671,712, Mar. 9.
- De Mesquita, Jules B., assignor to American Safety Razor Corporation. 2,674,039, Cl. 30—348.
- Demeulenaere, Marcel A. and R. 2,693,317, Cl. 235—136.
- Demeulenaere, Robert: *See—*
Demeulenaere, Marcel A. and R. 2,693,317.
- De Millar, Floyd O., Framingham, assignor to North American Research Corporation, Cambridge, Mass. Skiving machine. 2,671,333, Mar. 9.
- Deming, Charles R., to Hughes Aircraft Co. 2,697,811, Cl. 323—22.
- Deming Company, The, assignee: *See—*
Shallenberg, Walter A.
- Deming, Philip H., Orinda, and H. Dannenberg, Berkeley, assignors to Shell Development Company, Emeryville, Calif. Production of bis (hydroxyaryl) substituted compounds. 2,669,588, Feb. 16.

- De Minno, Anthony M. 2,678,083, Cl. 153—45.
 Demiston, George L., assignor to The Commonwealth Engineering Company of Ohio. 2,674,584, Cl. 260—17.3.
 Demler, Ray C., assignor to International Packaging Corporation, Tacoma, Wash. Apparatus for pressing and stacking packages of plywood and the like. 2,671,998, Mar. 16.
 Demlo, Emil J. W. 2,691,454, Cl. 214—332.
 Demlow, Edward J., to C. L. Conroy and W. Fritsch. 2,681,817, Cl. 287—20.5.
 Demo, Max J., and C. D. Smith. 2,678,457, Cl. 15—29.
 Demola, James: *See*—
 Massa, Gerald, and Demola. 2,679,959.
 De Molin, Arrigo V.: *See*—
 Stocker, Helen E., and de Molin. 2,677,481.
 Demos, Nicholas. 2,684,264, Cl. 296—1.
 Demos, Nicholas. 2,695,810, Cl. 296—1.
 De Moss, Albert H. 2,688,930, Cl. 103—103.
 De Mott, Elmer G.: *See*—
 Lamb, Anthony H., and De Mott.
 De Mott, Elmer G., assignor to Weston Electrical Instrument Corporation. 2,674,707, Cl. 318—29.
 De Mott, Jerome, assignor to Watkins Surgical Corporation. 2,678,042, Cl. 128—105.
 Dempster Brothers, Inc.: *See*—
 Dempster, John S. 2,693,773.
 Dempster, John S., to Dempster Brothers, Inc. 2,693,773, Cl. 110—18.
 Demuth, Charles, assignor to Charles Demuth & Sons, Inc., Mineola, N. Y. Air distributing device. 2,671,395, Mar. 9.
 Demuth, Charles, & Sons, Inc., assignee: *See*—
 Demuth, Charles.
 De Nador, Emory, and E. H. Wright, to Ford Motor Co. 2,685,184, Cl. 64—32.
 Denard, Rubin. 2,686,253, Cl. 240—7.1.
 De Nardis, Cornelius R. 2,678,073, Cl. 146—125.
 Dench, Edward C.: *See*—
 Brown, William C., and Dench. 2,681,427.
 Dendler, Ralph E.: *See*—
 Shields, Robert A., Dendler, and Kepner. 2,686,479.
 Denes, Peter. 2,693,629, Cl. 29—25.42.
 Dengel, Ferdinand, to Knoll A.-G. Chemische Fabriken. 2,695,319, Cl. 260—613.
 Dengrove, Edward, Interlaken, N. J. Vibrating bed. 2,668,302, Feb. 9.
 Denham, Robert H., assignor to General Electric Company. 2,679,823, Cl. 118—405.
 Den Heder, Marvin J., to Standard Oil Co. 2,690,432, Cl. 252—313.
 Den Hertog, Herman J., and P. Bruin, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Hydrochlorination of unsaturated organic compounds by electrical discharge. 2,672,438, Mar. 16.
 Den Hertog, Herman J., and P. Bruin, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Hydrobromination of olefinic compounds by electrical discharge. 2,672,439, Mar. 16.
 Den Hertog, Herman J., and P. Bruin, Amsterdam, Netherlands, assignors to Shell Development Company, Emeryville, Calif. Production of alcohols from olefinic compounds by electrical discharge. 2,672,440, Mar. 16.
 Den Hertog, Martinus, assignor to International Standard Electric Corporation. 2,678,354, Cl. 179—18.
 Den Hertog, Martinus, to International Standard Electric Corp. 2,686,839, Cl. 179—18.
 Den Hertog, Martinus, to International Standard Electric Corp. 2,686,840, Cl. 179—18.
 Den Hertog, Martinus, to International Standard Electric Corp. 2,694,753, Cl. 179—18.
 Den Hertog, Martinus, and C. de Zeeuw, Antwerp, Belgium, assignors to International Standard Electric Corporation, New York, N. Y. Selection system for electrical circuits or equipments. 2,667,540, Jan. 26.
 Den Hertog, Martinus, and G. X. Lens, Antwerp, Belgium, assignors to International Standard Electric Corporation, New York, N. Y. Controlling or selecting mechanism for individual switches. 2,672,060, Mar. 16.
 Den Hertog, Martinus, C. de Zeeuw, and H. H. Adelaar, to International Standard Electric Corp. 2,688,662, Cl. 179—18.
 Den Hertog, Martinus, and C. De Zeeuw, to International Standard Electric Corp. 2,694,751, Cl. 179—18.
 De Nie, Willem L. J., to Shell Development Co. 2,695,834, Cl. 18—54.
 Denis, Richard: *See*—
 Simon, Victor, and Denis. 2,688,994.
 Denison, Edward L.: *See*—
 Blanchard Donn C. 2,685,717.
 Denison Engineering Co., The: *See*—
 Adams, Cecil E.
 Adams, Cecil E. 2,690,762.
 Adams, Cecil E. 2,696,380.
 Adams, Cecil E., and Born. 2,696,196.
 Born, Ellis H. 2,674,853.
 Born, Ellis H., McCullough, and Bonnette. 2,696,189.
 Peters, William D. 2,696,130.
 Pinsenschaum, Edwin C. 2,675,117.
 Pinsenschaum, Edwin C. 2,682,749.
 Scott, Arthur L. 2,694,903.
 Denison, George H., Jr., J. C. Firey, and E. J. McLaughlin, assignors to California Research Corporation. 2,676,094, Cl. 44—52.
 Denison, Henry W., and L. E. Johnson, assignors to Denison-Johnson, Inc., Mankato, Minn. Fishing reel. 2,667,312, Jan. 26.
 Denison, Irving A., and P. L. Howard. 2,681,376, Cl. 136—106.
 Denison-Johnson, Inc., assignee: *See*—
 Denison, Henry W., and Johnson.
 Denison, Mortimer C., to E. I. du Pont de Nemours & Co. 2,692,197, Cl. 75—78.
 Denison University, assignee: *See*—
 McFadden, Warren.
 Denison, Walter A., and E. W. Wise, to Union Carbide and Carbon Corp. 2,689,872, Cl. 260—653.
 Deniston, George L.: *See*—
 Nack, Herman, and Deniston. 2,680,103.
 Deniston, George L., assignor to The Commonwealth Engineering Company of Ohio. 2,674,517, Cl. 18—54.
 Deniston, George L., assignor to The Commonwealth Engineering Company of Ohio. 2,676,932, Cl. 260—23.
 Deniston, George L. 2,681,873, Cl. 148—6.21.
 Deniston, George L., to The Commonwealth Engineering Co. of Ohio. 2,687,111, Cl. 118—256.
 Denker, Charles T., and J. Kmit. 2,677,502, Cl. 238—14.
 Denkewalter, Robert G.: *See*—
 Briggs, Stanford W., Denkewalter, and Hughey.
 Denkewalter, Robert G., R. S. Malcolmson, and G. B. Hughey, assignors to Merck & Co., Inc. 2,678,900, Cl. 167—81.
 Denlinger, John F.: *See*—
 Dudis, Charles G., and Denlinger.
 Denneen, Francis S., assignor to The Ohio Crankshaft Company. 2,678,370, Cl. 219—10.
 Dennett, John: *See*—
 Bird, George W. T., Dennett, and Wood. 2,677,918.
 Denney, Richard J.: *See*—
 Clapp, Henry H., and Denney. 2,698,272.
 Dennis, E. Lucian, to The Washburn Co. 2,695,708, Cl. 209—357.
 Dennis, George E.: *See*—
 McDaniel, James W. 2,685,308.
 Dennis, John R.: *See*—
 Martin, Cecil G., and Dennis. 2,693,543.
 Dennis Mitchell Industries: *See*—
 Soltis, John A. 2,690,787.
 Dennis, Ralph L., and W. P. Pohle, assignors to Boston Machine Works Company. 2,676,648, Cl. 158—76.
 Dennis, Robert L. 2,674,265, Cl. 137—610.
 Dennis, William A.: *See*—
 McIntosh, Thomas J. 2,689,155.
 Dennison, Brook J., and L. A. Keim, Brackenridge, and W. G. Smith, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company. Preliminary pressing of bent laminated glass. 2,673,822, Mar. 30.
 Dennison Mfg. Co.: *See*—
 Flood, Carl A.
 Flood, Carl A. 2,691,198.
 Dennison, William W., C. C. Abramson, and W. E. Davis, to Celanese Corp. of America. 2,689,587, Cl. 139—316.
 Denny, Caleb, West Los Angeles, Calif. Adjustable tolerance gauge. 2,664,639, Jan. 5.
 Denny, Frank E., to Boyce Thompson Institute for Plant Research, Inc. 2,692,822, Cl. 71—2.5.
 Denovan, John J., and R. A. 2,695,755, Cl. 241—4.
 Denovan, Robert A.: *See*—
 Denovan, John J., and R. A. 2,695,755.
 Densen, Louis. 2,696,322, Cl. 217—52.
 Densham, Costin L., assignor to Wade Engineering Limited, Horley, England. Cooler for gas leaving roots blowers. 2,667,046, Jan. 26.
 Dent, Clarence H. 2,694,614, Cl. 312—196.
 Dent, Harold F., Folcroft, Pa. Sanitary attachment for telephones. 2,669,610, Feb. 16.
 Dental Perfection Company, assignee: *See*—
 Noyes, Stanley E., and Lochridge. 2,678,280.
 Dentler, Arnold E., Western Springs, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,670,949, Mar. 2.
 Dentler, Arnold E., to W. H. Miner, Inc. 2,684,160, Cl. 213—32.
 Dentler, Arnold E., to W. H. Miner, Inc. 2,692,057, Cl. 213—22.
 Denton, Harvey R. 2,690,633, Cl. 53—5.
 Denton, John J., and N. Q. Quinones, to American Cyanamid Co. 2,694,720, Cl. 260—347.2.
 Denton, Marion G. 2,686,997, Cl. 55—61.
 Denton, Marion G. 2,691,927, Cl. 97—40.
 Denver Chemical Manufacturing Company, The, assignee: *See*—
 Beckley, John H.
 Denver Wood Products Co.: *See*—
 Berglund, Harold R. 2,692,054.
 Denyes, Russell O., Maplewood, N. J., assignor to Celanese Corporation of America, New York, N. Y. Spin bath treatment. 2,666,684, Jan. 19.
 Denyes, Russell O., Maplewood, N. J., assignor to Celanese Corporation of America, New York, N. Y. Spinnerette. 2,673,368, Mar. 30.
 Deobald, Harold J.: *See*—
 Singer, Philip A., and Deobald. 2,683,091.

- De Olloqui, Valentine V., C. A. Strand, and C. H. Van Hartesveldt, to C. A. Strand, d. b. a. Strand-Plax Building Products Co. 2,695,256, Cl. 154—83.
- De Orlov, Stephen. 2,674,893, Cl. 74—141.5.
- De Padova, Pasquale A., and V. Condello, assignors to the United States of America as represented by the Secretary of the Air Force. 2,680,433, Cl. 123—196.
- De Pan, Raymond T., to Downingtown Mfg. Co. 2,691,324, Cl. 92—28.
- De Pasquale, Patrick J. 2,674,960, Cl. 107—54.
- De Pew, Jesse C. 2,677,889, Cl. 33—2.
- De Phillips, Gerard, executor: *See—*
De Phillips, Paul. 2,674,667.
- De Piolenc, Gerard, and R. G. Russell, to Owens-Corning Fiberglas Corp. 2,692,296, Cl. 13—6.
- Deport, Jacques-Albert P., Paris, France. Method and device for charging shower and similar baths with soap emulsion in water. 2,672,366, Mar. 16.
- Deppe, Arnold. 2,675,645, Cl. 47—58.
- De Pree, David O.: *See—*
Hill, Eugene F., and De Pree. 2,683,081—3.
Hill, Eugene F., and De Pree. 2,683,172.
Hill, Eugene F., and De Pree. 2,684,293.
- De Puy, Charles T., to Trimble, Inc. 2,675,489, Cl. 311—87.
- De Puydt, Frank A., and R. C. Silver. 2,680,027, Cl. 280—47.28.
- De Quasie, Lacey G., and R. E. Kochs, assignors to Rochester Lead Works, Inc., Rochester, N. Y. Electrode for chromium plating. 2,666,029, Jan. 12.
- De-Raef Corporation, assignee: *See—*
Pear, Ernest D., and Harris.
- Derby Sealers, Inc.: *See—*
Aldrich, John W.
Krueger, Alfred P.
Krueger, Alfred P. 2,692,436.
Krueger, Alfred P. 2,695,057.
Krueger, Alfred P. 2,695,058.
Krueger, Alfred P., and Erhardt.
- Derden, James K., assignor of $\frac{1}{2}$ to G. P. Willis. 2,680,436, Cl. 126—25.
- Dereich, John E., to Diamond Alkali Co. 2,684,354, Cl. 260—46.5.
- Dereich, John E., to Diamond Alkali Co. 2,695,281, Cl. 260—33.6.
- De Remer, J. G., Research Corp.: *See—*
De Remer, Jay G. 2,695,104.
- De Remer, Jay G., to J. G. De Remer Research Corp. 2,695,104, Cl. 210—72.
- Derham, Leslie J.: *See—*
Robson, Stanley, and Derham.
- Deri, Hubert B., assignor to General Precision Laboratory Incorporated. 2,679,622, Cl. 318—31.
- De Ridder, Ernst J., and P. E. Brandt, to Reynolds Metals Co. 2,692,107, Cl. 248—120.
- Derkson, Cornelius A., St. Vital, Manitoba, Canada. Bumper attached trailer hitch. 2,671,674, Mar. 9.
- Derman, Sam. 2,675,286, Cl. 311—79.
- Dermody, John M.: *See—*
Dermody, Thomas A. and J. M.
- Dermody, Thomas A. and J. M. Breda, Iowa. Animal delivery instrument. 2,668,539, Feb. 9.
- Dermond, Lawrence C., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Engine starting apparatus. 2,668,916, Feb. 9.
- Dermond, Lawrence C., and C. V. Morton, assignors to General Motors Corporation. 2,678,036, Cl. 123—179.
- Der Mott, William P.: *See—*
Merrill, Roger L., Hecox, and Der Mott. 2,688,441.
- Dern, Frank F., Jr.: *See—*
Stein, Irving M., Williams, and Dern.
- De Roo, William C., assignor to Hart & Cooley Manufacturing Co. 2,676,795, Cl. 268—1.
- De Ropp, Harold W., and H. L. Forbes, Jr., assignors to E. I. du Pont de Nemours & Company. 2,680,766, Cl. 260—55.5.
- De Rosa, John A.: *See—*
Snell, Chester A., Fain, and De Rosa. 2,674,554.
- De Rosa, Louis A., Staten Island, N. Y., assignor to International Telephone and Telegraph Corporation. Random impulse system. 2,671,896, Mar. 9.
- De Rose, Anthony F.: *See—*
Grundy, Walter E., Whitman, Sylvester, Schenck, and De Rose. 2,678,929.
- De Rose, Dominic J. 2,689,002, Cl. 160—23.
- De Rosset, Armand J., Clarendon Hills, and C. H. Watkins, Western Springs, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion process providing for the two-stage hydrogenation of sulfur containing oils. 2,671,754, Mar. 9.
- De Rosset, Armand J., to Universal Oil Products Co. 2,683,174, Cl. 260—597.
- Derr, Elmer B., Oak Park, Ill., assignor to International Harvester Company. Egg storage and dispensing device. 2,668,090, Feb. 2.
- Derr, Willard A., and E. J. Cham, to Westinghouse Electric Corp. 2,698,415, Cl. 321—12.
- Derringer, Pete O., assignor to Loose Leaf Metals Company, St. Louis, Mo. Die cast loose-leaf ring metal frame. 2,664,897, Jan. 5.
- Derringer, Pete O., assignor to Loose Leaf Metals Company, St. Louis, Mo. Booster construction. 2,673,564, Mar. 30.
- Derry, Carl E. 2,676,414, Cl. 33—174.
- Derry, Leonard D.: *See—*
Dodds, Edwin M., and Derry. 2,695,011.
- Dersch, John A., to Baker-Perkins Inc. 2,681,727, Cl. 198—155.
- Dersch, John A., to Baker Perkins Inc. 2,689,035, Cl. 198—148.
- De Salardi, Albert B., deceased, Wilkinsburg, Pa., M. De Salardi administratrix of said A. B. De Salardi. Apparatus for processing combustion gases. 2,673,446, Mar. 30.
- De Salardi, Mary, administratrix: *See—*
De Salardi, Albert B.
- De Santis, Frank, and H. A. Coe. 2,691,463, Cl. 220—88.
- De Santis, Vincent J., F. L. Hunter, and C. P. Majkrzak, to International Standard Electric Corp. 2,681,876, Cl. 148—31.5.
- Desarco Corporation, assignee: *See—*
Miller, Edith J. B.
- De Saussure Equipment Co.: *See—*
De Saussure, William P., Jr. 2,695,827.
- De Saussure, William P., Jr., to W. P. De Saussure, III, and the said W. P. De Saussure, copartners, d. b. a. De Saussure Equipment Co. 2,695,827, Cl. 311—87.
- De Saussure, William P., III: *See—*
De Saussure, William P., Jr. 2,695,827.
- Desch, Robert: *See—*
Seymour, Raymond B., Steiner, and Desch. 2,689,237.
- Desch, Robert P.: *See—*
Seymour, Raymond B., and Desch.
- Deschamps, Georges A.: *See—*
Colton, Roger B., Lubin, and Deschamps.
- Des Champs, James W., Buenos Aires, Argentina. Automatic control for keeping predetermined weight on a drilling bit. 2,670,925, Mar. 2.
- Désenfant, André, to Societe Francaise Sadir-Carpentier. 2,683,253, Cl. 332—39.
- Desetti, Gild E.: *See—*
Branan, Wiley M., and Desetti.
- Deshayes, Pierre M. E., Paris, France. Siphon bottle with gas generator. 2,669,439, Feb. 16.
- De Sherbinin, William N., Brookfield, Conn. Lampshade adapter. 2,673,927, Mar. 30.
- De Sherbinin, William N. 2,681,410, Cl. 240—138.
- Desiderio, Dominic M. 2,678,515, Cl. 46—47.
- Designers For Industry, Inc.: *See—*
Kreiner, Anthony J. 2,680,971.
Morton, George E.
- Desjardins, Joseph L., and Baddour. 2,696,921, Cl. 214—16.1.
- De Smet, Jean A., to La Societe Anonyme "Extraction continue De Smet." 2,684,288, Cl. 23—270.
- De Smidt, Woodrow A.: *See—*
Dawe, Albert J., Matthias and De Smidt.
- Desmond, William F. 2,688,302, Cl. 116—147.
- D'Esopo, Francis P., to The Wiremold Co. 2,682,644, Cl. 336—83.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Cam switch. 2,669,613, Feb. 16.
- Despard, Victor R., to Pass & Seymour, Inc. 2,687,517, Cl. 339—263.
- Despard, Victor R., to Pass & Seymour, Inc. 2,697,142, Cl. 200—6.
- Despard, Victor R., to Pass & Seymour, Inc. 2,697,143, Cl. 200—6.
- Despois, Edouard: *See—*
Danzin, Andre, Despois, and Patriarche. 2,684,777.
- Desrosier, Norman W., to Food Research and Development, Inc. 2,697,463, Cl. 146—43.
- Des Rosiers, John B., Providence, R. I. Large volume multichamber tire. 2,664,935, Jan. 5.
- Des Rosiers, John B., Providence, R. I. Emergency wheel for pneumatic tires. 2,670,246, Feb. 23.
- Des Rosiers, John B., Providence, R. I. Measuring spout. 2,672,261, Mar. 16.
- Desrosiers, Raoul A. 2,681,082, Cl. 139—247.
- Dessart Bros. Inc.: *See—*
Dessart, Franklyn M., Cuming, Becker, and Watkins. 2,684,104.
- Dessart, Franklyn M., J. G. Cuming, R. W. Becker, and R. B. Watkins, to Dessart Bros. Inc. 2,684,104, Cl. 154—1.
- Desselman, Charles B., assignor of $\frac{1}{2}$ to P. Brante. 2,677,544, Cl. 272—59.
- Dessureau, John B.: *See—*
Dessureau, Joseph T. and J. B. 2,674,238.
- Dessureau, Joseph T. and J. B. 2,674,238, Cl. 125—21.
- Destival, Pierre, to Societe Anonyme dite: Compagnie Electro-Mecanique. 2,697,492, Cl. 180—66.
- De Tar, Donald R.: *See—*
Burtt, Horatio H., and De Tar. 2,689,337.
Burtt, Horatio H., and De Tar. 2,691,771.
- De Tar, Donald R., to Aladdin Industries, Inc. 2,691,767, Cl. 336—87.
- Detaranto, Angelo J., Madison, N. J. Device for closing incisions in fowls or the like. 2,669,747, Feb. 23.
- De Tastes, Maurice, Paris, France. Electromagnetic attraction motor. 2,669,687, Feb. 16.
- Detch, Lewis. 2,681,399, Cl. 200—131.
- Deters, John F.: *See—*
Shalit, Harold, Deters, and Lien. 2,690,417.
- Detex Watchclock Corporation, assignee: *See—*
Jauch, Martin.

- Detjen, Edgar W., assignor to Steeling Brothers Company, Kiel, Wis. Washing aluminum kitchen utensils. Re. 23,788, Feb. 23.
- Detling, Kenneth D., H. S. Knight, and G. T. Williamson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of primary halides. 2,666,084, Jan. 12.
- Detrex Corp.: *See—*
Callahan, William A., and Gendernalik. 2,674,532.
Dinley, Clarence F., Jr. 2,698,288.
Emmett, Robert A., Jr., and Petering. 2,685,564.
Kearney, Thomas J.
- Detrick, M. H., Co.: *See—*
Hazen, Frank D. 2,694,992.
Hosbein, Louis H. 2,674,871.
Sorensen, George C.
- Detrick, Robert S.: *See—*
Boek, Harold R., and Detrick. 2,697,697
- Detrick, Stanley R.: *See—*
Cupery, Martin E., and Detrick. 2,678,287.
- Detroit Coil Company, assignee: *See—*
Jencks, Hollis W.
- Detroit Controls Corp.: *See—*
Dillman, Earnest J.
Dillman, Earnest J. 2,692,930.
Dillman, Earnest J. 2,695,154.
Millerwise, Carl H., and Hohmeyer. 2,695,054.
Mosely, Neal J. 2,671,101.
Mosely, Neal J. 2,676,876.
Von Wangenheim, Adolf. 2,688,978.
- Detroit Edison Co., The: *See—*
Matthews, George A. 2,687,572.
- Detroit Gasket & Manufacturing Co.: *See—*
Balfie, George T. 2,695,186.
- Detroit Hardware Mfg. Co.: *See—*
Jewett, Deane N., and R. S. 2,696,728.
- Detroit Harvester Co.: *See—*
Hale, Clifford E., and McKenna. 2,686,078.
McLeod, Stewart B. 2,679,727.
McLeod, Stewart B. 2,680,016.
McLeod, Stewart B. 2,680,017.
Preble, Norman H., and Goss.
- Detroit Macoid Corporation, assignee: *See—*
Bradley, Stephen D. 2,679,075.
Gruber, Joseph J. 2,678,116.
Searle, John L. 2,678,209.
- Detroit Power Screwdriver Co.: *See—*
Bailey, Roy W., and Faulk. 2,696,902.
- Detroit Steel Products Co.: *See—*
Johnson, David G., and Mayer. 2,695,444.
Johnson, David G., and Mayer. 2,695,445.
Johnson, Robert O. 2,686,669.
Kelly, Clyde W.
Kelly, Clyde W. 2,687,194.
- Detroit Stoker Company, assignee: *See—*
Kessler, Wilbur.
Wagner, Herbert L. 2,677,437.
- Detroit Surfacing Machine Company, assignee: *See—*
Wickes, David R.
- Detroit Trust Co., The, coexecutor: *See—*
McLeod, Roy D. 2,692,614.
- Dettinger, Otto W., to G. Reicherter. 2,693,697, Cl. 73—83.
- Dettman, Fred C. 2,692,427, Cl. 30—16.
- Detwiler, Louis R.: *See—*
Dornath, Enno J., and Detwiler.
- Deubel, Joseph, Garfield, N. J. Rotary pumping apparatus. 2,672,099, Mar. 16.
- Deuel, Robert E., and J. R. Knoble. 2,698,174, Cl. 270—55.
- D'Eustachio, Dominic, to Pittsburgh Plate Glass Co. 2,686,342, Cl. 20—56.5.
- Deuster, Elmer J. 2,692,451, Cl. 43—42.13.
- Deutsch, Hyman. 2,695,647, Cl. 150—29.
- Deutsche Edelstahlwerke Atkiengesellschaft, assignee: *See—*
Dannöhl, Walter.
Seulen, Gerhard, and Alf.
Seulen, Gerhard W.
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, assignee: *See—*
Holzmann, Hermann, and Reinacher. 2,685,547.
Hömer, Hans, Schulz, and Pohl.
Müller, Hilmut.
Wagner, Ernst. 2,676,089.
- Deutschman, Archie J., Jr., and W. C. Bull, assignors to Spencer Chemical Company. 2,677,698, Cl. 260—482.
- Deuschmeister, Abraham: *See—*
Deuschmeister, Herman and A.
- Deuschmeister, Herman and A., New York, N. Y. Two-way mailing device. 2,673,680, Mar. 30.
- De Val, Eugene J., Pitcairn, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lightning arrester. 2,673,941, Mar. 30.
- De Val, Eugene J., assignor to Westinghouse Electric Corporation. 2,677,072, Cl. 313—321.
- De Val, Eugene J., to Westinghouse Electric Corp. 2,691,742, Cl. 313—281.
- De Vaney, Fred D., and D. Beggs, assignors to Erie Mining Company. 2,676,095, Cl. 75—3.
- Devaud, Charles, Geneva, Switzerland, assignor to Chemical and Mechanical Processes Limited, Tangier. Viscosity change compensation for hydraulic feed systems. 2,672,730, Mar. 23.
- De Vaan, Jan., to De Nederlandse Centrale Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek. 2,689,425, Cl. 43—9.
- Development Corp., Inc.: *See—*
Thomas, Frank S., Jr. 2,688,390.
- Development Research, Inc., assignee: *See—*
Soffer, Jack W.
- Develotte, Jean E.: *See—*
Petitcolas, Pierre, Richard, Sureau, Roe, and Develotte. 2,675,374.
- Deverall, Melvin E. 2,692,040, Cl. 198—121.
- Devere Co.: *See—*
Goudie, Wayne F. 2,697,904.
- Devery, Michael H., to Philco Corp. 2,684,884, Cl. 312—351.
- De Vigier, William A. 2,686,649, Cl. 248—354.
- Devignat, Rene. 2,686,705, Cl. 346—40.
- De Vilbiss Co., The: *See—*
Carman, Glenn B. 2,695,535.
Carr, William P. 2,686,696.
Peeps, Donald J.
Peeps, Donald J. 2,675,778.
Peeps, Donald J. 2,692,655.
Schmitt, Joy B., and Attinger.
- Devine, John B. 2,676,874, Cl. 23—230.
- Devine, John W., Jr. 2,685,289, Cl. 128—276.
- De Vito, Angelo R., Cleveland Heights, assignor, by mesne assignments, to R. I. Schonitzer, Cleveland, Ohio. Door control mechanism. 2,665,157, Jan. 5.
- De Vito, Angelo R., Cleveland Heights, assignor, by mesne assignments, to R. I. Schonitzer, Cleveland, Ohio. Remote control apparatus for door control mechanisms. 2,668,730, Feb. 9.
- De Vito, Angelo R., assignor, by mesne assignments, to R. I. Schonitzer. 2,674,483, Cl. 292—229.
- De Vlieg, Charles B., Farmington, Mich. Power lock for tools and the like. 2,667,819, Feb. 2.
- De Vlieg, Charles B., Farmington, Mich. Power tool lock. 2,667,820, Feb. 2.
- De Vlieg, Charles B. 2,695,532, Cl. 74—472.
- Devroe & Reynolds Co., Inc.: *See—*
Battle, Henry W.
Crecelius, Samuel B. 2,698,308.
Greenlee, Sylvan O.
Greenlee, Sylvan O. 2,694,694.
Greenlee, Sylvan O. 2,698,315.
- De Vogt, Hans J., Solingen-Ohligs, Germany. Welding clamp. 2,669,957, Feb. 23.
- De Voll, Ralph L., Grosse Pointe, and J. Onia, Berkeley, Mich. Apparatus for testing Geiger tubes. 2,666,890, Jan. 19.
- Devonshire, William H.: *See—*
Richards, Sherman L., and Devonshire.
- Devorss, Joseph W., Jr., Scarsdale, assignor to United States Rubber Company, New York, N. Y. Diaphragm motor. 2,664,673, Jan. 5.
- De Vries, Peter H. 2,681,225, Cl. 273—35.
- De Vry Corporation, assignee: *See—*
D'Arcy, Ellis W.
Mennecke, Harold. 2,674,454.
- De Waard, Russell, to American Cyanamid Co. 2,691,136, Cl. 324—65.
- Dewan, Leon, assignor of $\frac{1}{2}$ to M. H. Feig and $\frac{1}{2}$ to F. E. Hettling. 2,677,168, Cl. 29—57.
- Dewar, Douglas: *See—*
Trevaskis, Henry W., and Dewar. 2,675,649.
- Dewar, Douglas, to Dunlop Rubber Co. Ltd. 2,696,958, Cl. 244—111.
- Dewas, Raymond. 2,688,344, Cl. 139—123.
- Dewas, Raymond, Amiens, France. Temple for weaving looms. 2,666,457, Jan. 19.
- Dewas, Raymond, Amiens, France. Unwinding of bobbins or packages of thread in textile machines. 2,673,576, Mar. 30.
- De Werth, Robert, New York, N. Y. Shock absorbing shoe heel. 2,669,038, Feb. 16.
- Dewey and Almy Chemical Co.: *See—*
Merrill, Edward W. 2,687,445.
Merrill, Edward W. 2,687,446.
Merrill, Edward W. 2,687,447.
West, George T., Winters, Odell, and Stokes. 2,687,110.
- Dewey, Clyde G., Philadelphia, Pa., assignor to General Electric Company. Banded multiple element fuse. 2,672,540, Mar. 16.
- Dewey, Roy J.: *See—*
Keiter, Robert W. 2,686,033.
- De Whalley, William R. M., deceased (by M. A. Cooper, executrix), assignor to Roneo Limited. 2,678,651, Cl. 129—16.
- Dewhurst, Paul A.: *See—*
Hamer, Leland S.
Hamer, Leland S. 2,695,633.
- Dewhurst, Paul A., Dr.: *See—*
McBain, Kenneth C., and MacBain. 2,688,341.
- Dewhurst, Hubert. 2,693,128, Cl. 88—16.6

- De Wiess, Ferdinand A., assignor to M. Fletcher, New York, N. Y. Adjustable bracket structure. 2,665,870, Jan. 12.
- De Wit, Hendrik P., to Petrolite Corp. 2,681,311, Cl. 204—302.
- De Witt, Charles C., Fruitland, Ontario, Canada. Fruit sizer. 2,673,646, Mar. 30.
- De Witt, Daniel C., and D. R. McKune, to Clinton Foods Inc. 2,695,209, Cl. 312—71.
- De Witt, Louis I., Bakersfield, Calif. Mixing bowl holder. 2,665,872, Jan. 12.
- De Witt, Robert M., to General Motors Corp. 2,695,146, Cl. 244—134.
- De Witt, William J., and H. A. Corbett, assignors, by mesne assignments, to Auburn Fishhook Company, Inc., Auburn, N. Y. Fishhook making. 2,668,590, Feb. 9.
- De Witz, Alfred E. E., and F. P. Roy, to United States Steel Corp. 2,695,269, Cl. 204—206.
- De Wolf, Allan, Ferndale, assignor to W. C. Clevenger, Royal Oak, Mich. Jack leg pulley. 2,670,178, Feb. 23.
- De Wolf, Bernardus, to N. V. Ontwikkelingmaatschappij "Polynorm." 2,695,083, Cl. 189—34.
- De Woskin, Irvin S. 2,678,648, Cl. 128—288.
- Dewyer, Peter J. 2,689,056, Cl. 216—21.
- Dexter, Fred H. 2,688,339, Cl. 137—604.
- Dexter, Fred H., Monrovia, Calif. Liquid treating apparatus. 2,665,559, Jan. 12.
- Dexter, John F., assignor to Dow Corning Corporation. 2,675,421, Cl. 174—117.
- Dey, George E., to National Lead Co. 2,694,594, Cl. 292—356.
- Dey, Ralph E. 2,675,959, Cl. 235—10.
- Deyrup, Alden J., to E. I. du Pont de Nemours and Co. 2,685,505, Cl. 75—66.
- Deyrup, Alden J., and J. J. Knox, to E. I. du Pont de Nemours & Co. 2,685,346, Cl. 183—115.
- De Zeeuw, Constantinus: *See*—
- Den Hertog, Martinus, and de Zeeuw.
- Den Hertog, Martinus, and De Zeeuw. 2,694,751.
- Den Hertog, Martinus, de Zeeuw, and Adelaar. 2,688,662.
- De Zelar, Louis F. 2,686,050, Cl. 271—2.5.
- D'Haem, Marcel P.: *See*—
- Roberts, James A., Fischer, and D'Haem. 2,685,865.
- Dhar, Digish C.: *See*—
- Siddiqui, Salimuzzaman, and Dhar.
- Diadem, Inc.: *See*—
- Baldrige, Harold D. 2,688,397.
- Dial, William R., to Columbia-Southern Chemical Corp. 2,684,381, Cl. 260—463.
- Diambra, Henry M.: *See*—
- Edlen, George G., and Diambra. 2,694,182.
- Edlen, George G., and Diambra. 2,694,183.
- Diamond Alkali Co.: *See*—
- Banner, Robert G., and Perrin. 2,678,259.
- Bierly, Lester A.
- Brumbaugh, Chester C.
- Brumbaugh, Chester C., and Springer. 2,693,403.
- Butler, Clarence A., Jr. 2,681,884.
- Butler, Clarence A., Jr. 2,681,887.
- Dereich, John E. 2,695,281.
- Dereich, John E. 2,684,354.
- Hill, Archie.
- Hirsch, Alfred. 2,683,649.
- Koch, George J., Jr.
- Kuntz, Theodore F., Disberger, and Cocherell. 2,676,998.
- Lander, James G.
- McCormick, Dean D.
- Olson, Harry S., and Danison. 2,680,691.
- Silby, Christopher C., Jr.
- Skeeters, Maxwell J., and Cooper. 2,688,592.
- Sommeyer, Harry J. 2,687,394.
- Diamond Chain Co., Inc.: *See*—
- Covert, William V. 2,683,993.
- Diamond, Horace W., assignor to Morton Salt Company, Chicago, Ill. Impregnated salt tablet. 2,665,236, Jan. 5.
- Diamond, Horace W., to Morton Salt Co. 2,696,248, Cl. 159—2.
- Diamond, Hymen, and J. R. Parsons, to Westinghouse Electric Corp. 2,689,323, Cl. 321—3.
- Diamond, Irving S. 2,689,632, Cl. 190—49.
- Diamond, Julius, Philadelphia, and W. F. Bruce, Haver-town, Pa., assignors, by mesne assignments, to American Home Products Corporation, New York, N. Y. Substituted azacycloalkanes and producing them. 2,666,050, Jan. 12.
- Diamond, Julius, and W. F. Bruce, to American Home Products Corp. 2,695,903, Cl. 260—295.
- Diamond Match Co., The: *See*—
- Hepburn, William G. 2,692,491.
- Hepburn, William G. 2,692,492.
- Hepburn, William G. 2,692,493.
- Diamond, Milton J., to General Motors Corp. 2,689,042, Cl. 209—81.
- Diamond Paper & Box Co.: *See*—
- Stopper, Charles A. 2,693,310.
- Diamond Power Specialty Corp.: *See*—
- De Mart, Le Roy S.
- De Mart, Le Roy S. 2,696,016.
- Diaz, Domingo O., Phoenix, Ariz. Latigo rigging for saddles having skirts. 2,666,285, Jan. 19.
- Di Battista, Charles and E. J. 2,680,725, Cl. 260—23.7.
- Di Battista, Egidio J.: *See*—
- Di Battista, Charles and E. J. 2,680,725.
- Dibert, Fred. 2,693,318, Cl. 236—11.
- Dibner, Bern, assignor to Burndy Engineering Co. Inc. 2,674,647, Cl. 174—87.
- Di Cara, Alphonse J., Astoria, N. Y. Automobile jack. 2,671,637, Mar. 9.
- Di Castelbianco, Franco B. 2,688,505, Cl. 287—51.
- Di Castelbianco, Franco B. 2,692,030, Cl. 189—21.
- Dice, Henry K., assignor to Celanese Corporation of America. 2,678,905, Cl. 202—39.5.
- Diced Cream of America Co.: *See*—
- Berch, Samuel H., and Luterick. 2,679,966.
- Berch, Samuel H., and Luterick. 2,685,176.
- Di Censo, Edward A. 2,689,157, Cl. 311—38.
- Di Chiara, Vincent J., Johnston, and M. Bruscini, Providence, R. I., assignors to Marvin Co. Ring mold. 2,664,606, Jan. 5.
- Dichter, Emanuel R.: *See*—
- Lee, Slaughter W., and Dichter. 2,675,342.
- Dick, A. B., Co.: *See*—
- Clark, James d'A. 2,698,271.
- Hoover, Keith S., and Anderson. 2,693,426.
- Mullen, William G. 2,693,145.
- Roshkind, Allan I., Larson, and Rosenberger. 2,684,628.
- Stephenson, Paul A.
- Dick, Adolph: *See*—
- Platis, Mickail. 2,681,489.
- Dick, Francis. 2,684,657, Cl. 119—154.
- Dick, George M., to Ingersoll-Rand Co. 2,684,092, Cl. 144—208.
- Dick, Ralph A.: *See*—
- Allen, Howard G., and Dick. 2,689,589.
- Dick, Wade W., Shreveport, La. Method and apparatus for vaporizing and distributing hydrocarbon fuels. 2,669,847, Feb. 23.
- Dickas, Frederick D., and N. R. Logan, assignors to The Sidney Machine Tool Company, Sidney, Ohio. Variable speed mechanism. 2,673,472, Mar. 30.
- Dickason, John W., to Chrysler Corp. 2,698,118, Cl. 224—42.21.
- Dicke, Carl H., assignor to Crown Controls Company, Inc., New Bremen, Ohio. Temperature regulating system. 2,671,881, Mar. 9.
- Dicke, Carl H., assignor, by mesne assignments, to Crown Controls Company, Inc. 2,678,432, Cl. 340—227.
- Dicke, Oscar H., New Bremen, Ohio. Electromechanical clock. 2,665,543, Jan. 12.
- Dicke, Paul A., and H. Gilbert, to Crown Controls Co., Inc. 2,693,255, Cl. 189—31.5.
- Dicke, Robert H., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Waveguide mixer. 2,666,134, Jan. 12.
- Dicke, Robert H., Cambridge, Mass., assignor, by mesne assignments, to United States of America as represented by the Secretary of the Army. Wave guide impedance transformer. 2,671,883, Mar. 9.
- Dicke, Robert H., to the United States of America as represented by the Secretary of War. 2,682,036, Cl. 333—7.
- Dicke, Robert H., to the United States of America as represented by the Secretary of the Navy. 2,686,901, Cl. 333—21.
- Dicke, Robert H., to the United States of America as represented by the Secretary of War. 2,697,826, Cl. 343—7.7.
- Dickenson, James N., assignee: *See*—
- Rieg, Albert H. 2,677,812.
- Dickert, Joseph J., Jr.: *See*—
- Hartough, Howard D., and Dickert. 2,678,333.
- Dickey, George D.: *See*—
- Peterson, C. Lynn and C. J., and Hunter. 2,696,916.
- Dickey, John W., Newfield, N. Y., assignor to Bendix Aviation Corporation. Diaphragm pump. 2,673,522, Mar. 30.
- Dickey, John W., to Bendix Aviation Corp. 2,688,247, Cl. 73—17.
- Dickey, John W., and E. E. Hood, to Bendix Aviation Corp. 2,691,891, Cl. 73—367.
- Dickey, Joseph B.: *See*—
- Coover, Harry W., Jr., and Dickey. 2,675,371.
- Coover, Harry W., Jr., and Dickey. 2,682,556.
- Coover, Harry W., Jr., Dickey, and Shearer. 2,697,092.
- Stanin, Theodore E., and Dickey. 2,697,088.
- Dickey, Joseph B., and H. W. Coover, Jr., Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Polymeric phosphonic acid diamides. 2,666,750, Jan. 19.
- Dickey, Joseph B., and H. W. Coover, Jr., to Eastman Kodak Co. 2,682,527, Cl. 260—77.5.
- Dickey, Joseph B., and E. B. Towne, to Eastman Kodak Co. 2,683,708, Cl. 260—158.
- Dickey, Joseph B., and E. B. Towne, to Eastman Kodak Co. 2,683,709, Cl. 260—158.
- Dickey, Joseph B., and R. A. Corbitt, to Eastman Kodak Co. 2,685,599, Cl. 260—490.
- Dickey, Joseph B., and H. W. Coover, Jr., to Eastman Kodak Co. 2,691,616, Cl. 167—33.
- Dickey, Paul S., East Cleveland, Ohio, assignor to Bailey Meter Company. Vapor power control system and operating vapor power system. 2,668,915, Feb. 9.

- Dickey, Paul S., to Bailey Meter Co. 2,697,351, Cl. 73—389.
- Dickey, Paul S., and J. F. Shannon, to Bailey Meter Co. 2,698,141, Cl. 236—15.
- Dickey, Richard E., and W. A. Weaverling, to Standard Oil Co. 2,686,105, Cl. 23—63.
- Dickey, Robert M.: *See*—
Boyd, Thomas, and Dickey.
- Dickieson, Alton C., P. G. Edwards, D. D. Robertson, and A. V. Wurmser, to Bell Telephone Laboratories, Inc. 2,692,303, Cl. 179—15.
- Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Electronic measuring and indicating device. 2,672,284, Mar. 16.
- Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Electronic circuit. 2,672,553, Mar. 16.
- Dickinson, Daniel S., to General Electric Co. 2,695,627, Cl. 137—514.7.
- Dickinson, Donald I., to Peninsula Tool Co., Inc. 2,697,897, Cl. 51—170.
- Dickinson, Fairleigh S., Jr., Ridgewood, assignor to Becton Dickinson and Company, Rutherford, N. J. Medicament cartridge assembly. 2,667,874, Feb. 2.
- Dickinson, Frank R., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for cooling electron discharge devices. 2,673,721, Mar. 30.
- Dickinson, Monty W. 2,687,586, Cl. 37—144.
- Dickinson, Norman L., to The M. W. Kellogg Co. 2,683,152, Cl. 252—373.
- Dickinson, Norman L., to The M. W. Kellogg Co. 2,685,498, Cl. 23—1.
- Dickinson, Norman L., to The M. W. Kellogg Co. 2,686,801, Cl. 260—449.6.
- Dickinson, Norman L., L. R. Hill, and T. S. Williams, to The M. W. Kellogg Co. 2,697,655, Cl. 48—196.
- Dickinson, Robert: *See*—
Jones, William D., and Dickinson. 2,684,874.
- Dickinson, Robert C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,671,144, Mar. 2.
- Dickinson, Robert C., and R. E. Frink, to Westinghouse Electric Corp. 2,687,461, Cl. 200—144.
- Dickinson, Robert C., and R. E. Frink, to Westinghouse Electric Corp. 2,692,319, Cl. 200—147.
- Dickinson, Robert H., and L. S. Busch, assignors, by mesne assignments, to Mallory-Sharon Titanium Corporation, Indianapolis, Ind. Alloys of titanium containing aluminum and iron. 2,666,698, Jan. 19.
- Dickinson, Robert P., and W. E. Weber: said Weber assignor to said Dickinson. 2,675,686, Cl. 62—91.5.
- Dickman, Jacob I., assignor to S. Bean, Los Angeles, Calif. Electric steaming iron. 2,664,654, Jan. 5.
- Dickson, George T., assignor to Glaxo Laboratories Limited. 2,680,762, Cl. 260—471.
- Dickson, Hunter A. 2,693,993, Cl. 346—123.
- Dickson, Jacob L.: *See*—
Kane, Robert S., and Dickson. 2,688,134.
- Dickson, John, assignor to General Motors Corporation. 2,674,904, Cl. 74—573.
- Dickson, John, assignor to General Motors Corporation. 2,679,241, Cl. 123—193.
- Dickson, John, assignor to General Motors Corporation. 2,680,494, Cl. 184—6.
- Dictaphone Corp.: *See*—
Rowe, Richard G. 2,678,279.
Rowe, Richard G., and Bona. 2,686,676.
Skoog, Arthur W. 2,691,529.
Spears, Morton F. 2,678,972.
Taylor, Douglas E. 2,694,108.
Trevitt, John H.
- Dietograph Products Co., Inc.: *See*—
Lehr, Philip N., and Koci. 2,698,368.
- Didion, Nolan A., to General Motors Corp. 2,694,906, Cl. 62—89.
- Diebold, Edward J., to I-T-E Circuit Breaker Co. 2,693,569, Cl. 321—48.
- Diebold, Frank, San Francisco, Calif. Gunrack. 2,667,274, Jan. 26.
- Diebold, Fritz. 2,685,219, Cl. 81—119.
- Diebold, Fritz, Geneva, Switzerland. Wrench, including movable or stationary jaws. 2,671,368, Mar. 9.
- Diebold, George J., assignor to Janke and Company. 2,679,860, Cl. 137—525.5.
- Diebold, Inc.: *See*—
Behrens, Herbert C., and Graber. 2,690,183.
- Diebold, Pierre. 2,690,813, Cl. 183—67.
- Dieckmann, Steffen F.: *See*—
Bratton, Francis H., and Dieckmann. 2,683,129.
- Diedring, John H.: *See*—
Lewellen, Albert R., Jr., Diedring, Clayton, and Falge. 2,686,867.
- Diedring, John H., to General Motors Corp. 2,686,868, Cl. 240—90.
- Dieffenbach, Otto W. and R. A., assignors to Glassips Incorporated. 2,678,665, Cl. 138—78.
- Dieffenbach, Rix A.: *See*—
Dieffenbach, Otto W. and R. A. 2,678,665.
- Diehl, Charles P., assignor to John Deca Mines Furnace, Inc. 2,674,445, Cl. 263—33.
- Diehl, G. M., Machine Works, Inc., The, assignee: *See*—
Gustin, George M. 2,676,625.
- Diehl, Gordon H., and R. M. Hopkins, assignors to General Motors Corporation. 2,676,649, Cl. 158—76.
- Diehl, Joseph H. 2,697,321, Cl. 56—107.
- Diehl, Karl L., assignor to Jas. P. Marsh Corporation. 2,676,515, Cl. 88—24.
- Diehl, Walter H., and A. L. House, to Western Electric Co., Inc. 2,697,307, Cl. 49—1.
- Diehl, William L. 2,690,214, Cl. 160—97.
- Dieman, Edgar A., Crown Point, Ind., assignor to Standard Oil Company, Chicago, Ill. Corrosion inhibiting composition. 2,673,161, Mar. 23.
- Diemer, Gesinus, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Traveling wave tube. 2,669,674, Feb. 16.
- Diener, Bernard: *See*—
Cutler, Leonard S., and Diener. 2,691,762.
- Diesel Power, Inc., assignee: *See*—
Thaheld, Fred A.
- Diesen, Anton K., to Telefonaktiebolaget L M Ericsson. 2,683,773, Cl. 179—22.
- Diessel, Anton E., Fenton, assignor to International Shoe Company, St. Louis, Mo. Machine for forming shoe quarters. 2,665,437, Jan. 12.
- Diessel, Anton E., to International Shoe Co. 2,694,819, Cl. 12—51.
- Dieterich, Charles, Island Park, N. Y. Acetylene torch with angularly adjustable tip. 2,670,789, Mar. 2.
- Dieterich, Richard E. 2,684,223, Cl. 248—201.
- Dieterich, Richard E. 2,687,328, Cl. 296—95.
- Dieterle, John M.: *See*—
Weisler, Leonard, and Dieterle.
- Dietert, Harry W., to Harry W. Dietert Co. 2,686,425, Cl. 73—38.
- Dietert, Harry W., Co.: *See*—
Dietert, Harry W. 2,686,425.
- Dietrich, Fritz: *See*—
Hoschle, Adolf, and Dietrich. 2,686,477.
- Dietrich, Karl L., assignor to Selas Corporation of America, Philadelphia, Pa. Heating control system. 2,668,701, Feb. 9.
- Dietrich, Martin J., Kamloops, British Columbia, Canada. Wheeled figure toy track and balance means. 2,669,800, Feb. 23.
- Dietrich, Melvin A., to E. I. du Pont de Nemours and Co. 2,696,423, Cl. 18—54.
- Dietrich, Melvin A., and A. F. Smith, to E. I. du Pont de Nemours & Co. 2,684,348, Cl. 260—30.8.
- Dietrich, Raymond W.: *See*—
Russell, Fred J., and Dietrich. 2,683,053.
Russell, Fred J., Dietrich, and Solovieff. 2,674,481.
- Dietrich, Walter L., assignor to The Arrow-Hart & Hegeman Electric Company. 2,680,166, Cl. 200—38.
- Dietrichson, William F., to American Car and Foundry Co. 2,682,075, Cl. 16—99.
- Dietrichson, William F., to ACF Industries, Inc. 2,694,498, Cl. 214—83.3.
- Dietrich, Otto, to Klockner-Humboldt-Deutz, A. G. 2,684,897, Cl. 75—41.
- Dietz, Albert G. H., and F. E. Mooney, to the United States of America as represented by the Secretary of the Army. 2,697,054, Cl. 154—52.5.
- Dietz, John J., to Thomas A. Edison, Inc. 2,685,204, Cl. 73—399.
- Dietz, Karl, Kronberg (Taunus), assignor to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Brüning, Frankfurt am Main Höchst, Germany. Compositions capable of hardening rapidly in the cold to yield chemically resistant masses, and containing phenol-formaldehyde resins, and preparing said compositions. 2,673,190, Mar. 23.
- Dietz, William H. 2,681,059, Cl. 128—100.
- Diez, Carl C. 2,692,653, Cl. 181—52.
- Diffenderfer, John B., North Caldwell, N. J., assignor to Radio Corporation of America. Coating mixture with addition agent and coating therewith. 2,667,429, Jan. 26.
- Digby, James J., Elmira, N. Y., assignor to Bendix Aviation Corporation. Engine starter drive. 2,672,055, Mar. 16.
- Di Gesare, Rose I.: *See*—
Di Gesare, Samuel A. 2,690,581.
- Di Gesare, Samuel A., deceased; R. I. Di Gesare, executrix. 2,690,581, Cl. 15—210.
- Diggin, Myron B., and O. Kardos, assignors to Hanson-Van Winkle-Munning Company. 2,680,712, Cl. 204—55.
- Diggs, Everett, Winchester, Ind. Combined sunglasses and face protector. 2,669,717, Feb. 23.
- Diggs, Maury I. 2,687,752, Cl. 140—119.
- Dight, James, to Johnson Bronze Co. 2,693,121, Cl. 78—93.
- Di Giorgi, Americo: *See*—
Rossi, Mario, and Di Giorgi. 2,681,003.
- Di Giovanni, Hugo J., R. T. Graveson, and A. H. Yoli, to the United States of America as represented by the United States Atomic Energy Commission. 2,688,703, Cl. 250—71.
- Digital Control Systems, Inc.: *See*—
Steele, Floyd G. 2,698,427.
- Dika, Jerry J. 2,677,980, Cl. 81—3.3.
- Dikeman, Myron J. 2,696,220, Cl. 137—628.
- Dikkers, G., & Co. N. V.: *See*—
Steenbergh, Alexander W. 2,694,545.

- Dildilian, Ara T., to Bigelow-Sanford Carpet Co., Inc. 2,692,842, Cl. 154—43.
- Dilg, Walter C.: *See*—
Munro, George R., and Dilg. 2,693,953.
- Dilg, Walter C., to Waugh Equipment Co. 2,698,208, Cl. 308—138.
- Dill, Charles E., assignor to The Patent and Licensing Corporation. 2,675,325, Cl. 106—123.
- Dill, Charles R.: *See*—
Alsing, Carl F., and Dill. 2,677,250.
- Dill, Clyde, assignor to Dill Loom Adapters, Inc. 2,679,266, Cl. 139—75.
- Dill, Herbert C., W. H. Lyne, and R. W. Schlumpf, assignors to Hughes Tool Company, Houston, Tex. Roller cutter. 2,669,432, Feb. 16.
- Dill Loom Adapters, Inc., assignee: *See*—
Dill, Clyde. 2,679,266.
- Dill Manufacturing Company, The, assignee: *See*—
Boyer, Ralph K.
- Dillard, George H. L.: *See*—
Saroff, Harry A., and Dillard. 2,675,349.
- Dilliard, Allen E. 2,689,646, Cl. 209—20.
- Dillingham, Ethel: *See*—
Dillingham, William and E. 2,678,143.
- Dillingham, William and E. 2,678,143, Cl. 220—97.
- Dillman, Earnest J., Detroit, Mich., assignor to Detroit Controls Corporation. Metering valve. 2,672,883, Mar. 23.
- Dillman, Earnest J., to Detroit Controls Corp. 2,692,930, Cl. 200—122.
- Dillman, Earnest J., to Detroit Controls Corp. 2,695,154, Cl. 251—77.
- Dillon, Annie L. and M. G. 2,686,989, Cl. 47—41.
- Dillon, Irving W., to L. B. Dillon. 2,682,589, Cl. 200—139.
- Dillon, John R. 2,676,312, Cl. 340—84.
- Dillon, Louis B.: *See*—
Dillon, Irving W. 2,682,589.
- Dillon, Lyle: *See*—
Forsyth, Valoris L., and Dillon. 2,679,898.
- Dillon, Mary G.: *See*—
Dillon, Annie L. and M. G. 2,686,989.
- Dillon, Oscar W., to American Optical Co. 2,693,063, Cl. 51—127.
- Dillon, Wendell M., to Watts Regulator Co. 2,694,415, Cl. 137—792.
- Dills, Raymond L., Erie, Pa., assignor to General Electric Company. Unloader. 2,669,384, Feb. 16.
- Dills, William L., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Flameproofing textile materials. 2,668,784, Feb. 9.
- Dilly, Henry B.: *See*—
Waskosky, Theodore F., and Dilly.
- Dilts, Lee E., South Euclid, Ohio, assignor to General Electric Company. Detecting device. 2,671,139, Mar. 2.
- Dilworth, John P., Fishkill, W. J. Finn, Pawling, and O. P. Puryear, Fishkill, assignors to The Texas Company, New York, N. Y. Lithium soap grease containing methacrylate ester polymer for bearing noise suppression. 2,666,033, Jan. 12.
- Dilworth, John P., C. H. Culnane, and H. V. Ashburn, deceased (E. L. Ashburn, administratrix), to The Texas Co. 2,690,998, Cl. 252—42.1.
- Dim, Jacob, and H. Berg, St. Paul, Minn. Sealing assembly. 2,666,354, Jan. 19.
- Dimmer, Charles L. 2,678,469, Cl. 18—47.5.
- Dimmer, Robert P., to Automatic Electric Laboratories, Inc. 2,684,436, Cl. 250—6.
- Dimmer, Robert P., to Automatic Electric Laboratories, Inc. 2,693,526, Cl. 250—6.
- Dimmick, Glenn L.: *See*—
Sachtleben, Lawrence T., and Dimmick.
- Di Nardo, Albert: *See*—
Benner, Frank C., and Di Nardo. 2,687,355.
- D'Incerti, Lodovico, also known as Vico d'Incerti, assignor to Società Anonima Apparecchi Fotografici Ferrania, Milan, Italy. Foldable flash lamp. 2,673,282, Mar. 23.
- D'Incerti, Vico: *See*—
D'Incerti, Lodovico.
- Dine, Lester, and E. S. Lemmey. 2,682,603, Cl. 240—1.3.
- Dine, Robert E.: *See*—
Everhart, John O., Krill, Dine, and Van Der Beck.
- Dineen, Robert E.: *See*—
Wilson, Charles L., Dineen, and Bacsik. 2,692,129.
- Dinerstein, Robert A.: *See*—
Stanley, William E., Jr., and Dinerstein. 2,683,752.
- Dinerstein, Robert A., to Standard Oil Co. 2,689,845, Cl. 260—96.5.
- Dinges, Lorenz. 2,676,056, Cl. 296—107.
- Dings Magnetic Separator Co.: *See*—
Blind, Karl A. 2,692,678.
- Koerner, Dane E. 2,680,517.
- Dinhofer, Milton J. 2,696,337, Cl. 226—65.5.
- Dinley, Clarence F., Jr., to Detrex Corp. 2,698,288, Cl. 202—170.
- Dinsmore, Albert P., and R. C. Treseder, Dayton, J. W. Light, Greenville, H. M. Geyer, Dayton, and J. C. Whitmer, Bradford, Ohio, assignors to General Motors Corporation, Detroit, Mich. Aircraft propeller speed controller. 2,669,312, Feb. 16.
- Dinstman, Hyman, assignor to I. D. Watch Case Co., Inc., New York, N. Y. Waterproof snapback watchcase. 2,665,545, Jan. 12.
- Dinwiddie, James A., and C. J. G. Leesemann, to Standard Oil Development Co. 2,689,265, Cl. 260—668.
- Dinwiddie, Redfield T. 2,691,458, Cl. 220—9.
- Dioguardi, Orestes, Jr. 2,674,024, Cl. 27—35.
- Dion, Amedee, to Dion Freres Inc. 2,685,368, Cl. 209—319.
- Dion, Bruno, to Dion Freres Inc. 2,694,483, Cl. 198—123.
- Dion, Francois, E. 2,684,228, Cl. 254—134.3.
- Dion Freres Inc.: *See*—
Dion, Amedee. 2,685,368.
- Dion, Bruno. 2,694,483.
- Dion, Narcisse. 2,688,392.
- Dion, Narcisse, to Dion Freres Inc. 2,688,392, Cl. 198—9.
- Dion, Warren E., J. M. Don, and F. L. Maltby, to The Bristol Co. 2,691,889, Cl. 73—342.
- Diosi, Frank: *See*—
Diosi, Michael, Sr. 2,680,898.
- Diosi, Michael, Sr., to F. Diosi. 2,680,898, Cl. 29—103.
- Di Palma, Joseph. 2,698,150, Cl. 248—63.
- Di Pietro, William O.: *See*—
Schuler, Frederic W., Mansir, and Di Pietro.
- Dipner, Charles D., to The M. W. Kellogg Co. 2,686,770, Cl. 260—33.2.
- D'Ipollito, Rose. 2,681,070, Cl. 135—16.
- Di Prima, Philip A., Mount Vernon, N. Y. Combined folding table and article-carrying apparatus. 2,673,774, Mar. 30.
- Dire, Frank. 2,686,530, Cl. 137—375.
- Di Renna, Trent M. 2,698,110, Cl. 221—236.
- Disberger, George J.: *See*—
Kuntz, Theodore F., Disberger, and Cocherell. 2,676,998.
- Dishman, Roy E. 2,683,779, Cl. 200—47.
- Dismukes, Newton B. 2,687,179, Cl. 166—177.
- Dismukes, Newton B. 2,690,325, Cl. 255—76.
- Distillers Co. Ltd., The: *See*—
Bellringer, Frederick J., Bewley, and Stanley. 2,691,037.
- Coppock, Philip D. 2,687,287.
- Coppock, Philip D., and McComble. 2,695,285.
- Faulkner, Donald. 2,691,642.
- Gasson, Edward J., and Millidge. 2,686,205.
- Hadley, David J.
- Hadley, David J., Heap, and Nichol.
- Hadley, David J., and Nichol.
- Hall, Reginald H., Jacobs, and Jacquet. 2,690,260.
- Hawkins, Edwin G. E., and Stern. 2,698,339.
- Major, Frederick W., and Stanley.
- Munday, Charles W.
- Nelson, William E. 2,692,277.
- Nelson, William E. 2,692,289.
- Wild, Anthony M., Gasson, and Millidge. 2,694,090.
- Tozer, Harold C., and Goodey.
- Woodcock, Charles A., Hadley, and Jacobs. 2,683,122.
- Young, Donald P. 2,684,387.
- Distributor Houser Corp.: *See*—
Lee, Lemmie D. 2,695,341.
- Ditch, Franklin D., assignor to The Electric Sprayit Company, Sheboygan, Wis. Dual purpose spray gun. 2,670,239, Feb. 23.
- Ditchfield, Charles R., to National Research Development Corp. 2,685,028, Cl. 250—31.
- Ditlea, Joseph, to Prodoplast Corp. 2,682,290, Cl. 150—1.7.
- Dittman, John G., Flushing assignor to Foster Wheeler Corporation, New York, N. Y. Propane deasphalting of crude residua of hydrocarbon oil. 2,669,539, Feb. 16.
- Ditson, J. D., assignor to Ingersoll-Rand Company. 2,678,056, Cl. 137—87.
- Dittman, Albert L.: *See*—
Blum, Oscar A., Dittman, and Wrightson. 2,694,701.
- Wrightson, John M., and Dittman.
- Dittman, Albert L., H. J. Passino, and J. M. Wrightson, to The M. W. Kellogg Co. 2,689,241, Cl. 260—87.5.
- Dittman, Albert L., and J. M. Wrightson, to The M. W. Kellogg Co. 2,690,459, Cl. 260—653.
- Dittman, Robert J. 2,676,244, Cl. 240—2.13.
- Dittmer, Fritz: *See*—
Häberle, Albert, and Dittmer.
- Ditto, Inc.: *See*—
Levin, Carl A. 2,695,559.
- Ditzler, John L., Sharon, and G. L. Biehn, Needham, Mass., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Air conditioning apparatus. 2,672,734, Mar. 23.
- Diuble, Harold F., Ann Arbor, Mich. Coupling device with guide means. 2,666,653, Jan. 19.
- Diveley, Harry G., assignor, by mesne assignments, to Twix, Inc., Colorado Springs, Colo. Dental cleaning pad. 2,673,364, Mar. 30.
- Diversey Corporation, The, assignee: *See*—
Du Fresne, Eugene R., and Swihart.
- Di Vette, Randolph E.: *See*—
Kutzler, Robert J., Di Vette, and Crowell. 2,684,074.
- Divine, James F. 2,682,904, Cl. 150—28.
- Dixie Canner Company, assignee: *See*—
Hitchcock, Lloyd. 2,679,847.
- Dixie Cup Company, assignee: *See*—
Hill, Howard.
- Dixie Foundry Co., Inc.: *See*—
Pellegrin, Elmer D. 2,682,831.
- Dixie Tallyho, Inc., assignee: *See*—
Pitman, Alfred T.
- Dixon, Charles H., to Ex-Cell-O Corp. 2,695,745, Cl. 229—17.

- Dixon Corporation, assignee: See—
Rulon-Miller, Robert.
- Dixon, Frederick W., Reigate, assignor to Harry Ferguson Research Limited, Abbottswood, Stow-on-the-Wold, England. Automotive transmission with reverse brake. 2,668,609, Feb. 9.
- Dixon, Glenn R., to Olin Mathieson Chemical Corp. 2,697,376, Cl. 86—39.
- Dixon, James K., and N. T. Woodberry, to American Cyanamid Co. 2,684,343, Cl. 260—15.
- Dixon, John J., Sr. 2,681,479, Cl. 20—16.
- Dixon, John J., Sr. 2,681,480, Cl. 20—16.
- Dixon, Joseph A., Berkeley, assignor to California Research Corporation, San Francisco, Calif. Sulfurized grease compositions. 2,666,744, Jan. 19.
- Dixon, Julian A., assignor to Canadian International Paper Company. 2,677,949, Cl. 68—19.
- Dixon, Stanley M., and H. J. M. Gibbs, to Westinghouse Garrard Ticket Machines Ltd. 2,686,670, Cl. 271—2.4.
- Djerassi, Carl: See—
Rozenkranz, George, and Djerassi. 2,676,174.
Rozenkranz, George, Djerassi, and Romo. 2,697,108.
- Djerassi, Carl, G. Rozenkranz, S. Kaufmann, J. Pataki, and J. Romo, assignors to Syntex S. A., Mexico City, Mexico. 1-methyl- Δ^4 -dehydroestrogens and process. 2,671,092, Mar. 2.
- Dmitroff, George A. 2,685,812, Cl. 85—61.
- Doak, Kenneth W., assignor to United States Rubber Company. 2,676,944, Cl. 260—41.5.
- Doane, Douglas V.: See—
Rossheim, David B., Doane, and Siemer.
- Doat, Robert, Liège, Belgium. Cupola furnace. 2,669,446, Feb. 16.
- Dobarganes, Felipe P.: See—
Dobarganes, José M. and F. P. 2,686,642.
- Dobarganes, José M. and F. P. 2,686,642, Cl. 248—44.
- Dobbie McInnes Ltd.: See—
Boyle, Archibald R., Hewitt, and More. 2,683,984.
- Dobbin, Gordon: See—
Wooden, Cornelius B. 2,694,588.
- Dobbins, John P., to North American Aviation, Inc. 2,681,409, Cl. 219—45.
- Dobbins, Walter J., 3rd, Little Falls, N. Y., assignor to American Can Company, New York, N. Y. Can filling machine. 2,670,114, Feb. 23.
- Dobbs, Frank G. and S. H. 2,681,296, Cl. 154—125.
- Dobbs, Frank G. and S. H. 2,687,159, Cl. 150—37.
- Dobbs, Richard H., Winfield, Kans. Support for vehicle loading skids. 2,673,635, Mar. 30.
- Dobbs, Roy E., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Collapsible pipe plug. 2,670,799, Mar. 2.
- Dobbs, Stephan H.: See—
Dobbs, Frank G. and S. H. 2,681,159.
Dobbs, Frank G. and S. H. 2,681,296.
- Dobelle, Martin. 2,685,877, Cl. 128—92.
- Dobeus, Vander M., to Tractomotive Corp. 2,685,973, Cl. 214—140.
- Dobkin, Lloyd. 2,695,722, Cl. 217—5.
- Dobkin, William J., Jackson Heights, N. Y. Apparatus for lubricating conveyor belts. 2,670,069, Feb. 23.
- Dobkowski, John J.: See—
Lohr, Raymond L., Carver, and Dobkowski. 2,697,300.
- Dobloff, Friedrich L., Zell am See, Austria, assignor to The Fairey Aviation Company Limited, Hayes, England. Jet-driven helicopter rotor. 2,667,226, Jan. 26.
- Doblmaier, Anton H., Scotch Plains, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thermistor measuring apparatus. 2,673,960, Mar. 30.
- Dobrolet, Michael, to Fram Corp. 2,683,537, Cl. 210—169.
- Dobrowolski, Joseph M., Chicago, Ill. Meat block scrubber. 2,668,968, Feb. 16.
- Dobry, Joseph F.: See—
Benedict, Walter E., Dobry, and Kelly. 2,694,831.
- Dobson, John M.: See—
Booth, Robert B., and Dobson. 2,695,101.
- Dobson, Leslie, assignor to Imperial Chemical Industries Limited. 2,675,682, Cl. 62—1.
- Dockery, Majorie L.: See—
Millard, Everett M., Turner, Kurz, and Dockery.
- Dodd, Carl W., Garden Grove, and C. H. Carl, Oakland, Calif. Box filler. 2,670,921, Mar. 2.
- Dodds, Alexander S. and R. E. 2,677,552, Cl. 280—145.
- Dodds, Edwin M., and L. D. Derry, to Standard Oil Development Co. 2,695,011, Cl. 123—1.
- Dodge, Carl, to Mall Tool Co. 2,696,044, Cl. 30—241.
- Dodeman, Jean A. G., and Y. A. C. Glaziou. 2,677,306, Cl. 88—24.
- Dodenhoff, Mary F.: See—
Dodenhoff, William D. 2,694,834.
- Dodenhoff, William D., deceased; M. F. Dodenhoff, executrix, to Textile Equipment Corp. 2,694,834, Cl. 19—79.
- Dodge, Adiel Y. 2,676,667, Cl. 183—2.
- Dodge Chemical Company, The, assignee: See—
Slocum, Ray E., and Blickens. 2,677,166.
- Dodge, Elwin H., to The New York Air Brake Co. 2,690,133, Cl. 103—173.
- Dodge, Ernest B., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Testing pneumatic tire components. 2,669,119, Feb. 16.
- Dodge, Howard M., assignor to The General Tire and Rubber Company, Akron, Ohio. Forming plastic weather stripping and windlances. 2,671,041, Mar. 2.
- Dodge Mfg. Corp.: See—
Firth, David. 2,677,283.
Firth, David. 2,697,947.
- Dodge & Olcott, Inc., assignee: See—
Schumm, Frederick R., and Johnstone. 2,680,690.
- Dodge, Sherwood O., to H. F. Livermore Corp. 2,694,416, Cl. 139—147.
- Dodge, Wallace H., to The Fellows Gear Shaper Co. 2,683,399, Cl. 90—1.4.
- Dodin, Lucien J. E. A., Canet-Plage, France. Telemetric focusing device. 2,669,916, Feb. 23.
- Dodson, Claude J., and C. M. Gardner, assignors to E. I. du Pont de Nemours & Company. 2,680,277, Cl. 25—131.
- Dodson, Claude J., and C. M. Gardner, assignors to E. I. du Pont de Nemours & Company. 2,680,459, Cl. 144—302.
- Dodson, James H., Mobile, Ala. Head raising and lowering attachment for drill presses. 2,669,136, Feb. 16.
- Dodson, John J. 2,676,526, Cl. 97—189.
- Dodson, Raymond M., to G. D. Searle & Co. 2,697,109, Cl. 260—397.3.
- Dodson, Reb B. 2,678,497, Cl. 33—24.
- Dodson, Wayne E., Caldwell, N. J., assignor to General Electric Company. Lubricant separating system for refrigerating machines. 2,665,557, Jan. 12.
- Dodson, William C.: See—
Drum, Harry S., and Dodson. 2,678,868.
- Doe, Walter P.: See—
Fisher, Herman G., Sly, and Doe. 2,685,148.
- Doe, Walter P., and H. G. Fisher, assignors to Fisher-Price Toys, Inc. 2,679,126, Cl. 46—114.
- Doe, William B., to the United States of America as represented by the United States Atomic Energy Commission. 2,683,650, Cl. 23—97.
- Doebel, Karl: See—
Isler, Otto, and Doebel. 2,683,176.
- Doebeli, Erhard, to Specken Aktiengesellschaft. 2,683,386, Cl. 81—17.2.
- Doeden, Roland E., assignor to Mall Tool Company. 2,678,637, Cl. 121—34.
- Doeg, Paul R., Lynbrook, and A. W. Croker, Valley Stream, assignors to The Peelle Company, Brooklyn, N. Y. Dynamic dual motor drive safety traction sheave. 2,673,316, Mar. 23.
- Doeg, Ralph W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Mounting refrigerating apparatus. 2,666,301, Jan. 19.
- Doehler, Herman H., and C. A. Wilcox, assignors, by mesne assignments, to National Lead Company. 2,676,370, Cl. 22—79.
- Doehler, Oskar, to Compagnie Generale de Telegraphie Sans Fil. 2,689,887, Cl. 179—171.
- Doelter, Randolph C., to Vadolt Trust. 2,693,148, Cl. 103—87.
- Doelz, Melvin L., assignor to Collins Radio Company. 2,676,245, Cl. 250—8.
- Doelz, Melvin L., assignor to Collins Radio Company. 2,679,006, Cl. 250—36.
- Doelz, Melvin L., to Collins Radio Co. 2,693,579, Cl. 333—71.
- Doenges-Long Motors, Inc.: See—
Maestas, Thomas E. 2,689,648.
- Doepel, Wallace A., and R. F. Wiley, to Lynch Corp. 2,685,157, Cl. 53—129.
- Doering, Henry H. 2,687,830, Cl. 222—227.
- Doerr, Frank E., assignor of $\frac{1}{2}$ to J. E. Town. 2,674,035, Cl. 30—30.
- Doerr, Frank J., Richmond Hill, N. Y. Fishhook remover. 2,669,055, Feb. 16.
- Doerr, Harold J., Lovell, Wyo. Jointed measuring instrument. 2,669,026, Feb. 16.
- Doerr, Richard L., Niagara Falls, N. Y., assignor to Mathieson Chemical Corporation. Hydrazinium hydrazones of saturated dibasic organic acids. 2,672,479, Mar. 16.
- Doersam, Charles H., Jr. 2,682,369, Cl. 235—61.
- Doggett, Brewster D. 2,674,882, Cl. 73—343.
- Doherty, Stephen N., to Hartford National Bank and Trust Co., trustee. 2,693,550, Cl. 315—30.
- Döhler, Oscar, and A. Lerbs, assignors to Compagnie Generale de Telegraphie Sans Fil. 2,680,823, Cl. 313—75.
- Dohm and Nelke, Inc.: See—
Anderson, Eric W. 2,677,881.
Anderson, Eric W. 2,683,283.
Anderson, Eric W. 2,683,284.
- Dokopil, Robert J., to Vadotub Aktiengesellschaft. 2,688,906, Cl. 93—80.
- Dolan, Courtney F.: See—
Biesemeyer, Arthur E., and Dolan. 2,679,220.
- Dolan, Harry: See—
Carnegie, Herbert S., and Dolan. 2,683,846.
- Dole, James, Engineering Co.: See—
Martin, William McK.
Martin, William McK. 2,685,520.
- Dole, Marshall H., to General Electric Co. 2,696,593, Cl. 336—83.

- Dole Refrigerating Co.: *See*—
Kleist, Herman W. 2,690,653.
- Dole Valve Co., The: *See*—
Chace, Thomas B. 2,684,081.
Lund, James K.
- Dolen, Alfred K., assignor of one-half to C. J. Warner, McKeesport, Pa. Apparatus for moving earth and the like. 2,672,373, Mar. 16.
- Dolezal, Edward, H. L. Hays, G. W. McCullough, and K. H. Hachmuth, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic reactor tube assembly. 2,666,692, Jan. 19.
- Doll, Franz: *See*—
Van Akeren, Paul, and Doll.
- Doll, Henri-Georges, Ridgefield, Conn., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Resistivity apparatus for obtaining indications of permeable formations traversed by boreholes. 2,669,688, Feb. 16.
- Doll, Henri-Georges, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Method and apparatus for determining earth formation factors. 2,669,689, Feb. 16.
- Doll, Henri-Georges, Ridgefield, Conn., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Resistivity method for obtaining indications of permeable formations traversed by boreholes. 2,669,690, Feb. 16.
- Doll, Howard B., and G. E. Tench, assignors to Read Standard Corporation. 2,677,198, Cl. 34—238.
- Dollar Industries: *See*—
Robertson, Charles A. 2,695,684.
- Dollarhide, Sue. 2,683,879, Cl. 2—42.
- Dollin Co.: *See*—
Schuchardt, John R. 2,686,947.
Schuchardt, John R. 2,686,948.
- Dölling, Fritz, and C. L. Kumpers, to F. A. Kumpers K. G. 2,696,643, Cl. 19—131.
- Dolman, Henry J., to Consolidated Packaging Machinery Corp. 2,684,191, Cl. 226—49.
- Dolmetsch, Carl R., to Celanese Corp. of America. 2,689,192, Cl. 117—48.
- Dolphin, Carl J.: *See*—
Upshaw, James L., and Dolphin. 2,673,987.
- Dölz, Heinrich O. H. 2,679,732, Cl. 62—115.
- Dolza, John, to General Motors Corp. 2,696,074, Cl. 60—12.
- Domaleski, Joseph V., E. L. Gartland, and J. J. Kleimack, to Bell Telephone Laboratories, Inc. 2,688,110, Cl. 317—235.
- Doman, Glidden S., to Doman Helicopters, Inc. 2,687,856, Cl. 244—17.13.
- Doman Helicopters, Inc.: *See*—
Doman, Glidden S. 2,687,856.
- Domasky, Robert E. 2,680,042, Cl. 296—95.
- Dombrowski, Edward. 2,691,823, Cl. 30—300.
- Domburg, Jacobus: *See*—
Six, Willem, and Domburg. 2,693,503.
- Dome, Robert B., to General Electric Co. 2,686,831, Cl. 178—6.8.
- Domenach, Louis, and L. Macardier, Lyon, assignors to Compagnie Generale d'Electricite, Paris, France. Electric cable with oil pressure outside the insulation. 2,668,186, Feb. 2.
- Domenach Oriol, Santiago. 2,675,951, Cl. 226—110.
- Domingo, Emil. 2,677,348, Cl. 119—14.46.
- Domingo, Emil. 2,696,193, Cl. 119—14.01.
- Dominguez, Richard A., Richmond, Calif. Bottle holder. 2,670,165, Feb. 23.
- Dominguez, Richard A. 2,684,525, Cl. 29—284.
- Dominick, Ernest E.: *See*—
Snyder, Wesley J., Griffin, and Dominick. 2,680,524.
- Dominick, Joseph. 2,674,793, Cl. 30—150.
- Dominion Magnesium Ltd.: *See*—
Jarmicki, Wincenty Z. 2,687,261.
Jarmicki, Wincenty Z. 2,693,323.
- Dominion Road Machinery Co., Ltd., The: *See*—
Sully, John K. 2,695,465.
- Domonkos, Gabriel. 2,696,037, Cl. 29—80.
- Doms, Benedict, Deurne-Sud, Belgium. Cabinet for loudspeakers and the like. 2,670,053, Feb. 23.
- Don, Jules M.: *See*—
Dion, Warren E., Don, and Maltby. 2,691,889.
- Donahay, John W., to Foote Mineral Co. 2,697,159, Cl. 219—8.
- Donahue, James W. 2,690,282, Cl. 223—90.
- Donahue, Philip A. 2,686,952, Cl. 27—24.
- Donaldson Co., Inc.: *See*—
Lowther, Wilfred W. 2,694,465.
Lunn, Robert J., and Lowther. 2,689,068.
- Donaldson, Harry C., Jr., assignor to Cluett, Peabody & Co., Inc. 2,674,741, Cl. 2—131.
- Donaldson, John S. 2,675,845, Cl. 152—236.
- Donaldson, John S. 2,681,094, Cl. 152—236.
- Donaldson, John S. 2,681,095, Cl. 152—236.
- Donaldson, John S., and H. B. Larzelere; said Larzelere assignor to said Donaldson. 2,684,069, Cl. 128—303.
- Donaldson, Margaret L.: *See*—
Short, Wallace F., Brodrick, and Donaldson. 2,683,711.
- Donandt, Hermann. 2,677,256, Cl. 64—23.
- Donandt, Hermann. 2,690,685, Cl. 74—801.
- Donath, Edwin W., assignor to Illinois Testing Laboratories, Inc. 2,680,371, Cl. 73—17.
- Donath, Edwin W., to Illinois Testing Laboratories, Inc. 2,697,933, Cl. 73—17.
- Donath, George A. 2,680,510, Cl. 198—35.
- Donath, George A. 2,680,547, Cl. 226—39.6.
- Dondero, John A., New York, N. Y. Heating system. 2,665,073, Jan. 5.
- Dondero, John A., and H. N. Fochs. 2,679,640, Cl. 340—226.
- Dondero, Joseph: *See*—
Ferrario, John J., and Dondero.
- Done, George W.: *See*—
Kelsey, Cadwallader W., and Done. 2,691,928.
- Donegan, James W., East Hartford, Conn. Nonskid motor vehicle tire. 2,672,908, Mar. 23.
- Donegan, Joseph W., New Brunswick, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of activated carbon. 2,667,460, Jan. 26.
- Donchower, William P., and R. B. Hamlin, to M. and B. D. Hartzell. 2,688,413, Cl. 214—8.5.
- Doner, Howard P., to H. J., and S. Sklar. 2,694,814, Cl. 5—47.
- Donkin, William H., assignor to Rexel Products of Canada, Limited. 2,678,777, Cl. 242—55.5.
- Donley, Bartrum G., to The Four Wheel Drive Auto Co. 2,689,621, Cl. 180—53.
- Donley, Hugh L.: *See*—
Keizer, Eugene O., Donley, and Wentworth. 2,688,085.
- Donley, Hugh L., to Radio Corp. of America. 2,695,357, Cl. 250—20.
- Donley, Richard W. 2,695,042, Cl. 143—135.
- Donnell, Don R. 2,685,859, Cl. 116—124.
- Donnell, Robert: *See*—
Jennings, James R., and Donnell. 2,675,263.
- Donnelly, Daniel W.: *See*—
Weber, Herbert H., and Donnelly. 2,676,657.
- Donnelly, Edmund A., and M. F. Fitzpatrick. 2,694,267, Cl. 37—42.
- Donnelly, Edwin E., Jr., and S. J. Rotondi, Jr. 2,680,462, Cl. 152—338.
- Donnelly Electronics, Inc., assignee: *See*—
Donnelly, Joseph T.
- Donnelly, John A.: *See*—
Lesniak, Joseph, and Donnelly. 2,689,421.
- Donnelly, Joseph T., Ozone Park, assignor to Donnelly Electronics, Inc., Jamaica, N. Y. Television antenna. 2,669,405, Feb. 16.
- Donnelly, Thomas S., Jr. 2,695,944, Cl. 219—8.
- Donnelly, Walter J., to Tomkins-Johnson Co. 2,682,792, Cl. 77—72.
- Donnelly, William C., to Dorco, Inc. 2,686,580, Cl. 190—42.
- Donoghue, D'Arcy, assignee: *See*—
Cameron, Hugh K. 2,674,186.
- Donoghue, Richard J., assignee: *See*—
Cameron, Hugh K. 2,674,186.
- Donovan, Harry T., assignor to Phillips Petroleum Company. 2,674,440, Cl. 255—1.8.
- Donovan, Milton D.: *See*—
Magnuson, Roy M., and Donovan. 2,685,771.
- Donovan, Robert G., to Standard Oil Development Co. 2,681,218, Cl. 261—114.
- Donovan, William J., Pittsford, assignor to Trimble, Inc., Rochester, N. Y. Collapsible screen crib cover. 2,667,648, Feb. 2.
- Donovan, William J., Mamaroneck, and C. Boling, assignors to The Heat-X-Changer Co., Inc., Brewster, N. Y. Electric heater for water or the like. 2,673,920, Mar. 30.
- Doods, Robert E.: *See*—
Dodds, Alexander S., and R. E. 2,677,552.
- Dooley, Arthur F., Salem, assignor to Jordan Marsh Company, Boston, Mass. Sorting system. 2,666,535, Jan. 19.
- Dooley, Arthur F., Manchester, assignor to Jordan Marsh Company, Boston, Mass. Sorting system. 2,666,537, Jan. 19.
- Dooley, Arthur F., Manchester, assignor to Jordan Marsh Company, Boston, Mass. Sorting system. 2,666,538, Jan. 19.
- Dooley, James L., to Rhodes Lewis Co. 2,686,497, Cl. 121—1.
- Dooley, William P., Dunbar, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Electrolysis of sodium sulfate. 2,669,542, Feb. 16.
- Doolin, Earl B., to The Frito Co. 2,692,630, Cl. 146—162.
- Doolittle, Donald B.: *See*—
Cotton, Robert B., and Doolittle. 2,692,120.
- Doolittle, Donald B., to All American Engineering Co. 2,692,099, Cl. 244—108.
- Doolittle, Donald B., and R. B. Janney, II, assignors, by mesne assignments, to All American Engineering Company, Wilmington, Del. Flywheel type catapult launching means. 2,672,306, Mar. 16.
- Doolittle, Donald B., and J. R. Walden, to All American Engineering Co. 2,692,101, Cl. 244—114.
- Doolittle, Howard D., Stamford, assignor to Machlett Laboratories, Incorporated, Springdale, Conn. Electron tube. 2,667,593, Jan. 26.
- Dopp, Carl A., E. G. Schmidt, and E. P. De Craene, to Crane Co. 2,681,787, Cl. 251—188.

- Doran Brothers, Inc.: *See*—
Marindin, Frederick R.
Marindin, Frederick R. 2,694,513.
- Doran, Elmer E., Merced, Calif. Tire cleat protector. 2,670,023, Feb. 23.
- Doran, Robert F., to Sylvania Electric Products Inc. 2,682,022, Cl. 317—236.
- Doran, Wilbur J., assignor to Eli Lilly and Company, Indianapolis, Ind. Substituted thiobarbituric acids and salts thereof. 2,666,057, Jan. 12.
- Doran, Wilbur J., assignor to Eli Lilly and Company, Indianapolis, Ind. Substituted thiobarbituric acids and salts thereof. 2,673,849, Mar. 30.
- Doray Lamp Co., Inc., assignee: *See*—
Augenstein, William C. 2,676,218.
- Dorco, Inc.: *See*—
Donnelly, William C. 2,686,580.
- Dore, Maurice E., assignor to Straits Steel & Wire Co. 2,675,130, Cl. 211—118.
- Dore, Robert F. 2,678,131, Cl. 209—466.
- Dorey, George B., Westmount, Quebec, assignor to Continental Transport Appliances, Limited, Montreal, Quebec, Canada. Take-up device for slack adjusters. 2,679,974, Mar. 2.
- Dorey, George B., to Enterprise Railway Equipment Co. 2,684,642, Cl. 105—251.
- Dorey, George B., to Enterprise Railway Equipment Co. 2,684,644, Cl. 105—308.
- Dorey, George B., to Enterprise Railway Equipment Co. 2,690,139, Cl. 105—282.
- Dorey, George B., to Enterprise Railway Equipment Co. 2,690,140, Cl. 105—300.
- Dorey, George B., to Continental Transport Appliances, Ltd. 2,694,317, Cl. 74—522.
- Dorey, George B., to Continental Transport Appliances, Ltd. 2,694,471, Cl. 188—202.
- Dorey, George B., to Continental Transport Appliances, Ltd. 2,694,472, Cl. 188—202.
- Dorey, George B., to Continental Transport Appliances, Ltd. 2,698,206, Cl. 308—47.
- Dorey, George B., to Continental Transport Appliances, Ltd. 2,698,207, Cl. 308—47.
- Dorfman, Morton I., assignor to Koppers Company, Inc. 2,676,562, Cl. 118—64.
- Dorfman, Morton I., assignor to Mechanical Industries, Inc. 2,680,493, Cl. 183—16.
- Dorff, Louis A., assignor to Bell Telephone Laboratories, Incorporated. 2,680,154, Cl. 179—15.5.
- Dorfman, Hiller D.: *See*—
Drobney, Joseph A., and Dorfman. 2,689,285.
Drobney, Joseph A., and Dorfman. 2,691,708.
Dyer, Lloyd W., and Dorfman.
- Dorfman, Hiller D., Beaver, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,666,824, Jan. 19.
- Dorfman, Hiller D., and F. L. Gelzheiser, to Westinghouse Electric Corp. 2,693,586, Cl. 339—263.
- Dorgelo, Eduard G., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Discharge tube comprising a metal envelope and for use at very short wave-lengths. 2,668,256, Feb. 2.
- Dorger, Louis H.: *See*—
Callaghan, Robert W., and Dorger. 2,686,721.
- Dorin, Etienne M. 2,687,080, Cl. 99—339.
- Dorinson, Amos, to Sinclair Refining Co. 2,694,046, Cl. 252—48.4.
- Doriot, Kenneth E., and G. F. McGlumphy, to Westinghouse Air Brake Co. 2,695,338, Cl. 179—171.
- Dorkins, Evan E.: *See*—
Wills, Marion C., and W. J. Wills, and Dorkins.
- Dorman, Douglas P.: *See*—
Dorman, Harley A., and D. P.
- Dorman, Harley A., Detroit, Mich., and D. P. Dorman, Los Angeles, Calif. Supercharging air induction filter device for automotive engines. 2,670,055, Feb. 23.
- Dormeyer Corp.: *See*—
Braski, Raymond J.
Masheris, Fred A., and Tanko.
Schwaneke, Fred C. 2,677,401.
Schwaneke, Fred C. 2,692,126.
- Dorn, Henry V., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Printing press. 2,672,091, Mar. 16.
- Dornath, Enno J., Coquille, and L. R. Detwiler, Maupin, Oreg. Sawmill of the circular saw reciprocating carriage type. 2,673,581, Mar. 30.
- Dornbusch, Paul J. 2,694,268, Cl. 38—44.
- Dorner, Carl J.: *See*—
Amundson, Errol C., and Dorner. 2,683,013.
- Dornfeld, Clinton A.: *See*—
Cusic, John W., Robinson, and Dornfeld. 2,676,966.
- Dornfeld, Clinton A., to G. D. Searle & Co. 2,691,017, Cl. 260—247.2.
- Dornfeld, Clinton A., and J. W. Cusic, to G. D. Searle & Co. 2,681,932, Cl. 260—567.6.
- Dornfeld, Clinton A., and W. J. Heidtke, to G. D. Searle & Co. 2,683,718, Cl. 260—309.5.
- Dornfeld, Edmund G.: *See*—
Smith, Perry C., Dornfeld, and Burger.
- Dorosz, Adolph S., and W. L. Baker, to United Shoe Machinery Corp. 2,692,998, Cl. 12—15.
- Dorr Co., The: *See*—
Behme, Hermann W., and Thompson. 2,684,840.
Bosqui, Francis L., and Heath. 2,692,677.
Coulter, Harold B. 2,678,730.
Coulter, Harold B. 2,681,151.
Giorgini, Mario. 2,677,467.
Graner, Frank L.
Kivell, Wayne A., and Rankin.
Lapple, Walter C. 2,684,869.
Lapple, Walter C., and Behme. 2,684,890.
McKay, James B., Roberts, and Bosqui. 2,677,608.
Nelson, Frederick G., and Veach. 2,680,602.
Scott, Charles H.
Scott, Charles H. 2,678,721.
Scott, Charles H. 2,692,680.
- Dorsey, Sherman H., assignor to Lincoln Engineering Company. 2,675,097, Cl. 184—7.
- Dorsey, William S., Fullerton, assignor to Union Oil Company of California, Los Angeles, Calif. Acetylene recovery. 2,670,810, Mar. 2.
- Dorsey, William S., assignor to Union Oil Company of California. 2,679,542, Cl. 260—679.
- Dorsey, William S., assignor to Union Oil Company of California. 2,679,543, Cl. 260—679.
- Dorst, Stanley O., to Sprague Electric Co. 2,688,182, Cl. 29—195.
- Dort, Russell L., to Deere & Co. 2,686,522, Cl. 130—5.
- Dorton, John M. 2,674,303, Cl. 155—116.
- Dorton, John M. 2,695,692, Cl. 192—8.
- Dörzbach, Eugen: *See*—
Lindner, Fritz, and Dörzbach. 2,693,434.
- Doschek, Antony, Crafton, assignor to J. S. Frost, Crafton, and J. F. Caulley, Brownsville, Pa. Automatic mortar and pestle device. 2,668,668, Feb. 9.
- Dosker, Cornelius D., assignor to Gamble Brothers, Inc. 2,675,769, Cl. 108—1.
- Dosmann, Lucian P.: *See*—
Bodie, Virgil H., Blair, and Dosmann. 2,677,626.
- Dossie, Thomas J., New York, N. Y. Turret head wrench. 2,672,777, Mar. 23.
- Doster, Howard G., assignor to The Ohio Injector Company. 2,674,903, Cl. 74—508.
- Dotson, Russell F., Kankakee, Ill. Fluid heater control apparatus. 2,670,902, Mar. 2.
- Dotfi, Euterio L., Santa Fe, Argentina. Textile machine. 2,666,958, Jan. 26.
- Doty, Arnold S.: *See*—
Larsen, Earl I., Doty, and Williams.
- Doty, Charles R., assignor to International Business Machines Corporation. 2,675,231, Cl. 271—54.
- Doty, Clifford B., and T. Vigmostad, assignors to Briggs Manufacturing Company, Detroit, Mich. Adjustable vehicle seat. 2,670,028, Feb. 23.
- Doty, Lester E. 2,694,422, Cl. 143—97.
- Doty, William E. N., and J. M. Crawford, to Continental Oil Co. 2,688,124, Cl. 340—15.
- Doubleday, Donald B., assignor to The Sherwin-Williams Company. 2,675,129, Cl. 210—197.
- Double Seal Ring Co.: *See*—
Hoyt, Richard W., and Smith. 2,688,522.
- Douchet, Florimond A. J., assignor to Societe Alsacienne de Constructions Mecaniques. 2,677,878, Cl. 29—203.
- Douchet, Florimond A. J., to Societe Alsacienne de Constructions Mecaniques. 2,694,849, Cl. 29—33.
- Doudera, John J., Jr., to American Can Co. 2,692,715, Cl. 226—68.
- Dougherty, James. 2,680,367, Cl. 68—184.
- Dougherty, Patrick F., assignor to Sun Oil Company 2,677,666, Cl. 252—328.
- Dougherty, Robert S. A., A. C. Chamberlin, and H. W. Nieman, Bethlehem, Pa., assignors to Bethlehem Steel Company. Treating strip. 2,666,003, Jan. 12.
- Doughman, Clifford W.: *See*—
Good, Alonzo C., Kaehler, and Doughman. 2,692,660.
- Doughnut Corporation of America, assignee: *See*—
Hunter, Herbert T., and Wilson. 2,676,552.
- Doughty, Hartwell T. 2,696,237, Cl. 152—228.
- Doughty, John C. 2,675,631, Cl. 36—9.
- Doughty, Leonard: *See*—
Eckl, Louise. 2,691,784.
- Douglas Aircraft Co., Inc.: *See*—
Benson, Bernard S.
Conly, James C. 2,678,953.
Del Mar, Bruce E.
Farr, Alton E., and Kleinhans. 2,696,956.
Hale, Donald H., and Owens.
Harpothian, Edward, and Swanson. 2,686,343.
McConnell, Donald G., and Myers. 2,691,092.
Moreton, Douglas H. 2,684,336.
Moreton, Douglas H., and Keilin. 2,694,083.
Ungar, Gustav A.
- Douglas, Clayton H.: *See*—
Taplin, George V., and Douglas. 2,682,510.
- Douglas, Forest, Fairfield, Ill., assignor to Airtex Products Inc. Clutch release bearing. 2,673,768, Mar. 30.
- Douglas Furniture Corp.: *See*—
Cohen, Morton R. 2,694,443.
- Douglas, George R.: *See*—
Austin, Bascum O., and Douglas. 2,694,173.
Hanna, Clinton R., and Douglas. 2,686,022.
- Douglas, George R., assignor to Westinghouse Electric Corporation. 2,677,091, Cl. 318—481.

- Douglas, George R., and M. D. Wilson, assignors to Westinghouse Electric Corporation. 2,678,564, Cl. 74—5.41.
- Douglas, Harry J., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Lifting shelf. 2,670,140, Feb. 23.
- Douglas, Peyton W. 2,677,950, Cl. 68—24.
- Douglas, Peyton W., to Easy Washing Machine Corp. 2,692,681, Cl. 210—63.
- Douglas, Ronald W., to General Electric Co. 2,697,125, Cl. 13—6.
- Douglas, Ronald W., and A. O. R. Lindell, Wembley, England, assignors to Hazeltine Research, Inc., Chicago, Ill. Producing electrical crystal-contact devices. 2,671,156, Mar. 2.
- Douglas Tool Company, assignee: *See*—Shell, Julius P.
- Douglass Automatic Shoeshining Co., Inc., assignee: *See*—Jamieson, George C.
- Douglass, Wilbur L. 2,678,819, Cl. 267—52.
- Douma, Tjiske, assignor to Hartford National Bank and Trust Company, as trustee. 2,676,295, Cl. 321—2.
- Douma, Tjiske, and R. H. Watson, to Sierra Electronic Corp. 2,690,535, Cl. 323—45.
- Dourdeville, Theodore A., Holden, assignor to David Gessner Company, Worcester, Mass. Apparatus for surface-treatment of wound cloth by steam impregnation, and control devices therefor. 2,670,622, Mar. 2.
- Douris, Roger G., Paris, and J. M. Bory, Montmorency, France. Stabilized aqueous solutions of paraamino-salicylic acid salts. 2,667,440, Jan. 26.
- Douslin, Donald R.: *See*—Dunlop, Arthur K., Douslin, and Pierotti. 2,695,217.
- Doussain, Robert, R. Bousson, and L. Perrier, to Office National d'Etudes et de Recherches Aeronautiques. 2,690,810, Cl. 170—159.
- Douthitt, Merton H., to National Distillers Products Corp. 2,687,425, Cl. 260—463.
- Douthitt, Merton H., to National Distillers Products Corp. 2,687,443, Cl. 260—674.
- Doutt, Kingsley A., assignor to Federal Machine and Welder Company. 2,677,034, Cl. 219—4.
- Doutt, Kingsley A. 2,688,066, Cl. 219—4.
- Doutt, Kingsley A. 2,689,482, Cl. 74—99.
- Douvas, Augustus G., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Square wave circuit. 2,671,170, Mar. 2.
- Dovas, Nicholas. 2,697,945, Cl. 73—425.6.
- Dovberg, Maurice S. 2,682,431, Cl. 301—39.
- Dove, Wilbur R. 2,676,329, Cl. 2—310.
- Dover, David L. 2,683,312, Cl. 30—302.
- Dovey, Douglas M., R. C. Chirnside, and H. P. Rooksby, to The General Electric Co. Ltd. 2,689,167, Cl. 23—200.
- Dovey, Douglas M., and W. R. Pitkin, to The General Electric Co. Ltd. 2,689,168, Cl. 23—200.
- Dovica, Anthony. 2,679,095, Cl. 30—58.
- Dow Chemical Co., The: *See*—Abernethy, Nelson W. 2,681,325.
- Amos, James L., McCurdy, and McIntire. 2,694,692.
- Amos, James L., and Soderquist. 2,683,180.
- Anderson, Raymond J.
- Anderson, Raymond J. 2,690,430.
- Ansel, Gerhard. 2,688,400.
- Bates, Jack H. 2,683,698.
- Bauman, William C. 2,684,331.
- Bauman, William C., and McMaster.
- Bauman, William C., and McMaster. 2,681,939.
- Braunlich, Frank H., Jr., and Cardwell.
- Britton, Edgar C., and Head. 2,676,189.
- Brown, John H., Jr., and Larson. 2,676,997.
- Brust, Harry F. 2,691,672.
- Brust, Harry F. 2,691,673.
- Burns, Jay R. 2,679,932.
- Calkins, Myron E., and Greminger. 2,697,666.
- Cardwell, Paul H. 2,674,322.
- Cardwell, Paul H. 2,675,881.
- Cardwell, Paul H., and Eilers. 2,689,230.
- Cardwell, Paul H., and Lunsford. 2,698,295.
- Chisholm, Douglas S. 2,676,359.
- Coleman, Gerald H., and McCaskey. 2,688,637.
- Corbett, Gerald M., Wiggins, and Thurber.
- Crummett, Warren B., and Stenger. 2,677,598.
- Easley, John A., Eden, and Swayze.
- Eastman, John D.
- Edmunds, Alvin M.
- Fischback, Bryant C.
- Frevel, Ludo K., and Hedelund. 2,691,684.
- Frevel, Ludo K., and Hedelund. 2,691,685.
- Glesner, Charles W. 2,697,738.
- Griess, Gerald A. 2,683,127.
- Harris, Guy H., and Fischback. 2,691,635.
- Hartweg, Dale G.
- Havens, Carl B. 2,680,106.
- Henson, Walter A., Kelly, Taber, Wise, and Schurr. 2,689,235.
- Jones, Giffin D. 2,694,702.
- Kelly, James A. 2,697,721.
- Klain, Paul.
- Klain, Paul. 2,691,603.
- Lapin, John. 2,678,480.
- Lisle, Russell B., Jr. 2,695,858.
- Longstreth, Murrey O., and Ryan. 2,695,420.
- Dow Chemical Co., The: *See*—Continued.
- Longstreth, Murrey O., and Ryan. 2,697,248.
- McCaskey, Dalton B. 2,678,336.
- McCurdy, John L., and De Long.
- McCurdy, John L., and Kin. 2,676,927.
- McIlhenny, William F., and McConnell.
- McIntire, John W. 2,688,773.
- Meuli, Lloyd J.
- Miler, Richard W.
- Monroe, Ezra, and Hand.
- Oehlmann, Edward O., and Thurber.
- Osmun, Roy H.
- Partansky, Alexander M. 2,688,642.
- Petrie, Peter S., and Britton. 2,694,087.
- Poffenberger, Noland.
- Price, Raymond M., and Roche. 2,674,588.
- Robinson, Harold A., and Briggs.
- Roth, Harold H.
- Roth, Harold H. 2,683,137.
- Roth, Harold H. 2,691,639.
- Roth, Harold H. 2,691,644.
- Ruh, Robert P. 2,676,193.
- Sarge, Theodore W., and Justin. 2,695,427.
- Saunders, William P. 2,678,267.
- Schwegler, Clarence C., Tennant, and Soderquist. 2,683,123.
- Scoles, George W. 2,689,262.
- Sexton, Arthur R. 2,693,488.
- Simenson, Louis O. 2,681,769.
- Simenson, Louis O., Carpenter, and Greenwood. 2,681,737.
- Stanton, George W., and Ehlers. 2,681,328.
- Stanton, George W., and Ehlers. 2,681,329.
- Stanton, George W., and Ehlers. 2,681,330.
- Stanton, George W., and Spence.
- Stilbert, Elmer K., Jr., Cummings, and Guerrant. 2,684,953.
- Swezey, Arthur W.
- Swezey, Arthur W. 2,693,407.
- Tolkmath, Henry.
- Tolkmath, Henry. 2,680,760.
- Tolkmath, Henry. 2,686,197.
- Tolkmath, Henry. 2,693,483.
- Wheaton, Robert M.
- Wolf, Paul A.
- Youngson, Charles R. 2,678,294.
- Dow Corning Corp.: *See*—
- Barry, Arthur J., and Gilkey. 2,681,355.
- Barry, Arthur J., and Hook. 2,676,091.
- Clark, Harold A.
- Currie, Chester C.
- Currie, Chester C. Re. 23,879.
- Daudt, William H.
- Daudt, William H., and Tyler. 2,676,182.
- Dexter, John F. 2,675,421.
- Goodwin, John T. 2,686,740.
- Gordon, Arthur F., and Clark. 2,696,480.
- Hommel, Maurice C., and Currie.
- Hyde, James F. 2,692,844.
- Kauppi, Toivo A. 2,678,893.
- Kauppi, Toivo A. 2,681,878.
- Kohl, Charles F., Jr. 2,686,739.
- Konkle, George M. 2,684,957.
- McLean, William M. 2,687,396.
- McLean, William M. 2,687,398.
- Ruh, Robert P., and Gordon. 2,681,940.
- Ruh, Robert P., and Gordon. 2,681,941.
- Ruh, Robert P., and Gordon. 2,681,942.
- Sommer, Leo H.
- Sommer, Leo H. 2,687,418.
- Sommer, Leo H. 2,687,424.
- Sommer, Leo H. 2,691,032.
- Speier, John L. 2,676,163.
- Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation. 2,675,575, Cl. 15—373.
- Dow, Dewey M., to Air-Way Electric Appliance Corp. 2,682,074, Cl. 15—325.
- Dow, Grove S., Jr.: *See*—
- Falge, Robert N., Onksen, and Dow. 2,679,179.
- Dow, Grove S., Jr., and H. I. Slone, to General Motors Corp. 2,681,589, Cl. 88—1.
- Dow, Louis F., Co.: *See*—
- Leach, Elmore L. 2,686,672.
- Dow, Richard B. 2,674,506, Cl. 309—19.
- Dow, Ronald: *See*—
- Stareck, Jesse E., and Dow. 2,686,756.
- Dowd, Howard M., and R. L. Barrows. 2,689,128, Cl. 273—43.
- Dowd, Raymond T.: *See*—
- Nichols, Frederick J., and Dowd.
- Dowden, Dennis A.: *See*—
- Reynolds, Peter W., Dowden, and Mackenzie.
- Dowdy, James W., assignor to Adaptor Machine Company, Inc. 2,675,709, Cl. 74—242.16.
- Dowling, Edward D.: *See*—
- Kershaw, Harold, and Dowling.
- Downes, Lloyd C., Los Angeles, Calif., and W. F. Baker, Syracuse, N. Y., assignors to General Electric Company. Synchronized intermittent light source and film driving mechanism. 2,671,377, Mar. 9.
- Downey, Paul M., and R. O. Zerbe, Nitro, W. Va., assignors to Monsanto Chemical Company, St. Louis, Mo. Preservatives. 2,670,382, Feb. 23.

- Downey, Richard M., to United States Gypsum Co. 2,681,255, Cl. 299—141.
- Downin, Roland W., Port Deposit, Md. Protective guard for flush valve handles. 2,672,879, Mar. 23.
- Downing, Cole, Decatur, Ala., assignor, by mesne assignments to The Chemstrand Corporation. Producing alkyl-substituted acylamides. 2,667,511, Jan. 26.
- Downing, George, assignor to American Viscose Corporation. 2,675,050, Cl. 153—79.
- Downing, John: *See—*
Hampson, Noel A., Downing, and Drewitt. 2,679,450.
Hampson, Noel A., Downing, and Drewitt. 2,679,492.
Kowolik, Ernest J., Downing, and Drewitt. 2,697,698.
- Downing, Mason L.: *See—*
Marshall, Benjamin T., Downing, and Harrington. 2,682,277.
- Downing, Ross E. 2,684,761, Cl. 209—218.
- Downingtown Mfg. Co.: *See—*
De Pan, Raymond T. 2,691,324.
McArn, Theodore A. 2,676,387.
McArn, Theodore A. 2,691,326.
- Downs, Thomas F. 2,682,391, Cl. 257—150.
- Dowrelio, Antone, Crockett, Calif. Anchor hoist. 2,669,427, Feb. 16.
- Dowty Equipment Ltd.: *See—*
Frye, Colin M., Killner, and Morris.
Hahn, Oscar. 2,697,636.
Pearce, Alfred W. 2,687,330.
Pearce, Alfred W., and Hiscox. 2,690,648.
- Doyle, Charles D., to General Electric Co. 2,691,004, Cl. 260—22.
- Doyle, Dewey I., Sr., to Doyle Vacuum Cleaner Co. 2,684,126, Cl. 183—51.
- Doyle, Edward J., assignor to M. H. Rhodes Incorporated, Hartford, Conn. Two-speed timer. 2,667,921, Feb. 2.
- Doyle, Edward J. 2,687,059, Cl. 84—402.
- Doyle, Emmett L., trustee: *See—*
Rouse, George H., and Laylon.
- Doyle, Francis: *See—*
Stauth, Vernon, and Doyle. 2,674,385.
- Doyle, Frank P., and H. D. Edwards, to Eastman Kodak Co. 2,685,509, Cl. 95—7.
- Doyle, Gordon B., Jr., College Park, Md. Solvent reservoir for windshield washer apparatus. 2,673,762, Mar. 30.
- Doyle, Irving W., to Fairchild Camera and Instrument Corp. 2,685,239, Cl. 95—53.
- Doyle, James F., and P. L. Onasch, assignors to Arkell Safety Bag Company. 2,679,887, Cl. 154—33.05.
- Doyle, Malcolm G., assignor to General Electric Company. 2,680,813, Cl. 250—43.
- Doyle Vacuum Cleaner Co.: *See—*
Doyle, Dewey I., Sr. 2,684,126.
- Doyle, William M., to Magnesium Elektron Ltd. 2,698,230, Cl. 75—168.
- Doyle, William V. 2,688,991, Cl. 145—50.
- D'Ozouville, François, Paris, France, assignor to Siper S. A., Emsallah, Tangier. Electromagnetically controlled friction clutch. 2,664,981, Jan. 5.
- Dr. Ing. h. c. F. Porsche K. G.: *See—*
Hetmann, Richard. 2,675,096.
Rabe, Karl. 2,683,996.
- Dracos, John, and J. W. Williams. 2,674,462, Cl. 28—32.5.
- Drager, Otto H., assignee: *See—*
Bruner, Hermann, Rindfleisch, and Tietze. 2,678,646.
- Drager, Wayne. 2,681,609, Cl. 98—105.
- Dragon, George. 2,678,688, Cl. 160—173.
- Dragon, Peter F., Oakland, Calif. Pipe coupling. 2,670,222, Feb. 23.
- Dragon, Peter F. 2,683,622, Cl. 299—84.
- Drain, Herbert D., assignor to Walter E. Selck and Co., Chicago, Ill. Sink mounting. 2,672,621, Mar. 23.
- Drain, Walter H., Hermosa Beach, Calif. Accessory for power transportation of chain saws. 2,666,460, Jan. 19.
- Drake, Caddie T., Denver, Colo. Bedclothes support for bedsteads. 2,668,963, Feb. 16.
- Drake, Claud E., Brentwood, Mo. Means and method for making carbide tipped saws. 2,673,279, Mar. 23.
- Drake, Claud E. 2,682,790, Cl. 76—40.
- Drake, Claud E. 2,696,229, Cl. 143—140.
- Drake, Harcourt C., Hempstead, N. Y., assignor to Sperry Products, Inc., Danbury, Conn. Rail flaw detector mechanism. 2,672,753, Mar. 23.
- Drake, Harcourt C., assignor to Sperry Products, Inc. 2,678,559, Cl. 73—67.
- Drake, John F., 1/2 to T. G. Kennard. 2,689,659, Cl. 214—18.
- Drake, Leonard C.: *See—*
Plank, Charles J., Lukasiewicz, and Drake. 2,698,305.
Smith, Robert L., and Drake. 2,693,455.
- Drake, Leonard C., and R. L. Smith, to Socony-Vacuum Oil Co., Inc. 2,693,457, Cl. 252—455.
- Drake, Norman A.: *See—*
Alway, Clayton D., Haines, Woods, and Drake. 2,692,820.
- Drake, Reginald T. N., to Sherritt Gordon Mines Ltd. 2,693,877, Cl. 209—164.
- Drakenfeld, B. F., & Co., Inc.: *See—*
Andrews, Ray. 2,682,480.
- Drane, Phillips B. 2,692,612, Cl. 137—510.
- Draper, Charles S., and E. P. Bentley, to Research Corp. 2,690,014, Cl. 33—49.
- Draper Corp.: *See—*
Budzyrna, Walter J., and Flamand.
Budzyrna, Walter J., and Gouvela.
Consoletti, Paul C. 2,676,619.
Consoletti, Paul C. 2,690,771.
Laferte, Albert A. 2,679,268.
Rickenback, William. 2,683,470.
Tuten, James M. 2,680,456.
- Draper, Donald R., Detroit, Mich. Apparatus for applying tubular fabric to articles. 2,665,043, Jan. 5.
- Draper, Donald R. 2,695,557, Cl. 101—92.
- Draper, Herbert E.: *See—*
Froelich, Max V., and Draper. 2,679,796.
- Drathschmidt, Carl J. 2,680,242, Cl. 340—372.
- Drathschmidt, Carl J. 2,680,243, Cl. 340—372.
- Dratler, Albert, assignor to Glass Mosaic Corporation of America. 2,678,896, Cl. 154—118.
- Dratler, Albert. 2,680,319, Cl. 41—23.
- Drautz, Walter G., to General Aniline & Film Corp. 2,684,908, Cl. 106—22.
- Drautz, Walter G., to General Aniline & Film Corp. 2,691,595, Cl. 106—22.
- Dray, Walter R., Yorkville, Ill. Header for harvester combines. 2,667,728, Feb. 2.
- Drazy, Elbert J., assignor to Bell Telephone Laboratories, Incorporated. 2,679,585, Cl. 250—27.
- Dreesman, John. 2,690,576, Cl. 15—3.15.
- Drefke, Anna M., Hackensack, Minn. Sanitary nest depository. 2,664,855, Jan. 5.
- Dreher, Edgar B. 2,690,708, Cl. 97—47.44.
- Dreher, George M. 2,684,912, Cl. 106—57.
- Dreier, Augustus S., assignee: *See—*
Hunting, Melvin J., and Mack.
- Dreier Brothers, Inc.: *See—*
Dreier, Raymond C. 2,685,301.
- Dreier, Raymond C., to Dreier Brothers, Inc. 2,685,301, Cl. 137—386.
- Dreifus, Charles, Jr.: *See—*
Hamilton, Joseph P. 2,688,433.
- Dreisbach, Paul F.: *See—*
Crossley, Moses L., Hofmann, and Dreisbach. 2,677,685.
- Drelich, Arthur H.: *See—*
Simon, Simon A., and Drelich.
- Dresser Equipment Co.: *See—*
Coberly, Clarence J. 2,674,126.
Coberly, Clarence J. 2,676,546.
Coberly, Clarence J. 2,682,225.
Selberg, John P. 2,683,584.
- Dresser, Harry A., assignor to Zonolite Company, Chicago, Ill. Fertilizer conditioner. 2,669,510, Feb. 16.
- Dresser Industries, Inc., assignee: *See—*
Martin, Clyde J. 2,675,049.
Newell, Frederick T.
- Dresser Operations, Inc.: *See—*
Chamberlain, Carlton A. 2,691,269.
- Drew, E. F., & Co., Inc.: *See—*
Barsky, George, and Zinzalian.
Barsky, George, and Zinzalian. 2,685,592.
Molteni, Henry A., Masarky, and Barsky. Re. 23,823.
Sinkwich, Vincent J. 2,694,555.
Ulmer, Richard C., and Ulrich. 2,675,351.
Valko, Emery I.
- Drew, Harry A., West New York, N. J., assignor to Victor Industries Corporation, Brooklyn, N. Y. Cap selecting and feeding means. 2,670,077, Feb. 23.
- Drew, Robert D., assignor to Socony-Vacuum Oil Company, Incorporated. 2,678,328, Cl. 260—438.
- Drew, Robert D., and M. B. Tohline, to Socony-Vacuum Oil Co., Inc. 2,695,266, Cl. 196—52.
- Drew, Robert L. 2,683,393, Cl. 88—57.
- Drewitt, James G. N.: *See—*
Hampson, Noel A., Downing, and Drewitt. 2,679,450.
Hampson, Noel A., Downing, and Drewitt. 2,679,492.
Kowolik, Ernest J., Downing, and Drewitt. 2,697,698.
- Dreus, Gustav, assignee: *See—*
Hansen, James R. 2,677,315.
- Drexel Furniture Co.: *See—*
Hodgman, Howard P. 2,688,524.
- Dreyfus, Asher, Jr. 2,677,468, Cl. 211—71.
- Dreyfus, L. A., Co.: *See—*
Overberger, Charles G. 2,687,422.
- Dreyfus, Ludwig, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Metallurgical furnace having a stirring winding. 2,665,319, Jan. 5.
- Dreyfus, Ludwig, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Method and furnace for heating bars to be forged by means of eddy currents. 2,666,830, Jan. 19.
- Dreyfus, Ludwig, assignor to Allmänna Svenska Elektriska Aktiebolaget. 2,676,232, Cl. 219—10.41.
- Dreyfus, Ludwig, T. Thelemarck, I. Beckius, and H. Lindström, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Induction heating furnace. 2,667,524, Jan. 26.
- Dreyfus, Sylvain, Lausanne, Switzerland. Machine for blunting the ends of brush bristles. 2,669,075, Feb. 16.
- Dreyfuss, Henry, to Minneapolis-Honeywell Regulator Co. 2,689,584, Cl. 137—552.

- Dreyfuss, Paul D.: *See*—
 Gaspar, Bela, and Dreyfuss. 2,681,856.
 Gaspar, Bela, and Dreyfuss. 2,698,342.
 Gaspar, Bela, Dreyfuss, and Linden. 2,696,438.
 Gaspar, Bela, Linden, and Dreyfuss. 2,677,612.
 Dreyfuss, Paul D., to Bela Gaspar. 2,688,542, Cl. 95—6.
 Dreyfuss, Paul D., and B. Gaspar; said Dreyfuss assignor to said Gaspar. 2,677,683, Cl. 260—240.4.
 Dreznes, John J., to United Specialties Co. 2,690,233, Cl. 183—15.
 Driesch, Hans, to American Enka Corp. 2,692,645, Cl. 164—61.
 Driescher, Fritz, Rheydt, Germany. Fuse for low and high voltage current. 2,673,911, Mar. 30.
 Driescher, Fritz, Jr., Moosburg, Germany. Contact mechanism for circuit breakers. 2,668,891, Feb. 9.
 Drieschman, Donald F.: *See*—
 Sorg, Harold E., Williams, and Drieschman. 2,693,546.
 Drieschman, Donald F., assignor to Eitel-McCullough, Inc. 2,677,781, Cl. 313—270.
 Driessen, Antje G.: *See*—
 Driessen, Maximilian G., and Fontein. 2,693,878.
 Driessen, Maximilian G., deceased (A. G. Driessen, administrator), and F. J. Fontein, to Stamicarbon N. V. 2,693,878, Cl. 209—172.5.
 Dri-Flo Manufacturing Co., assignee: *See*—
 Vosburg, Guy M. 2,676,349.
 Dring, J., Limited, assignee: *See*—
 Higham, Walter E. 2,675,162.
 Drinkard, William E.: *See*—
 Carpentier, Melbourne L., and Drinkard. 2,686,506.
 Drinkard, William E., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Overhead valve engine. 2,669,227, Feb. 16.
 Drinkard, William E., to Chrysler Corp. 2,686,509, Cl. 123—143.
 Drinker, Pemberton H., Strafford, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Interrelated automatic and manual valve control. 2,664,915, Jan. 5.
 Drisch, Nicolas, and R. Fays, to Societe Novacel. 2,680,884, Cl. 18—47.5.
 Driscoll, John E., to F. J. Durrschmidt. 2,693,025, Cl. 29—155.54.
 Driscoll, John W.: *See*—
 Harrison, Henry M., and Driscoll. 2,690,340.
 Dritz, Arthur, assignor to John Dritz & Sons. 2,675,616, Cl. 33—9.
 Dritz, John, & Sons, assignee: *See*—
 Dritz, Arthur. 2,675,616.
 Driver, Cyril W., Secane, Pa., assignor to General Electric Company. Interrupting unit for electric circuit breakers. 2,671,146, Mar. 2.
 Driver, Frederick A.: *See*—
 Tinley, Ernest L., and Driver.
 Driver-Harris Co.: *See*—
 Lohr, James M. 2,687,954.
 Lohr, James M. 2,687,956.
 Poch, Stephen. 2,696,544.
 Poch, Stephen, and Lewis. 2,691,690.
 Driver, Wilfred D. 2,682,060, Cl. 5—2.
 Drobney, Joseph A.: *See*—
 Callerini, Albert R., and Drobney. 2,693,513.
 Drobney, Joseph A., and A. R. Cellerini, assignors to Westinghouse Electric Corporation. 2,679,562, Cl. 200—88.
 Drobney, Joseph A., and H. D. Dorfman, to Westinghouse Electric Corp. 2,689,285, Cl. 200—116.
 Drobney, Joseph A., and H. D. Dorfman, to Westinghouse Electric Corp. 2,691,708, Cl. 200—88.
 Drobney, Joseph A., and M. Bingenheimer, to Westinghouse Electric Corp. 2,693,516, Cl. 200—116.
 Drogin, Martin M., assignor to General Plastics Corporation of America. 2,677,444, Cl. 190—57.
 Droin, Jacques P. M., and F. R. Bonhomme, to Societe de Brevets pour les Applications de l'Electronique (S. B. A. E.). 2,683,371, Cl. 73—304.
 Droitcour, Howard A., and J. M. 2,688,977, Cl. 137—491.
 Droitcour, John M.: *See*—
 Droitcour, Howard A. and J. M. 2,688,977.
 Droll, Joseph W.: *See*—
 Kibitz, Harold A., Jr., and Droll.
 Droll, Joseph W., Chicago, Ill., assignor, by mesne assignments, to Meridian Corporation, Providence, R. I. Mattress winding and wrapping machine. 2,668,405, Feb. 9.
 Droll, Joseph W., to United Mattress Machinery Co. 2,696,164, Cl. 100—100.
 Dron, Douglas W., to The De Laval Separator Co. 2,683,155, Cl. 260—425.
 Drost, Wilfred: *See*—
 Eversole, William G., and Drost. 2,693,421.
 Drott, Edward A., Wausau, Wis. Load handling apparatus. 2,672,995, Mar. 23.
 Droz, Marcel E.: *See*—
 Garman, Raymond L., Droz, and Gray.
 Droz, Marcel E., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,199, Cl. 35—10.4.
 Droz, Marcel E., and W. Roth, to the United States of America as represented by the Secretary of the Navy. 2,688,442, Cl. 235—61.
 Drozdowski, Joseph F., to Ford Motor Co. 2,685,548, Cl. 154—27.
 Drozinski, Bronislaw J. 2,675,085, Cl. 180—73.
 Drozynski, Chester, assignor to Kenworth Motor Truck Corporation. 2,680,657, Cl. 308—6.
 Dru, Marcel, assignor to Societe Jaruza A. G. Chur. 2,678,727, Cl. 209—172.5.
 Druckemiller, Stanley T.: *See*—
 Brock, Peter R., and Druckemiller. 2,694,197.
 Drueck, Fred, Jr.: *See*—
 Burr, Ned, and Drueck.
 Drueding, Charles J., New Orleans, La. Stabilized support. 2,672,312, Mar. 16.
 Druehl, Louis P. 2,685,019, Cl. 219—11.
 Drum, Harry S., Abington, H. F. Liedtke, Philadelphia, and J. Schmitz, Jr., Crestmont Farms, assignors to Smith, Drum & Company, Philadelphia, Pa. Apparatus for drying stockings in stacks. 2,664,647, Jan. 5.
 Drum, Harry S., Abington, Hugo F. Liedtke, Philadelphia, and J. Schmitz, Jr., Crestmont Farms, assignors to Smith, Drum & Company, Philadelphia, Pa. Machine for drying hosiery. 2,669,788, Feb. 23.
 Drum, Harry S., and W. C. Dodson, assignors to Smith, Drum & Company. 2,678,868, Cl. 8—150.
 Drum Parts, Inc., assignee: *See*—
 Kojan, John J. 2,680,536.
 Drumm, Manuel F., and R. R. Cook, to Monsanto Chemical Co. 2,683,296, Cl. 22—193.
 Drummond, Henry. 2,691,610, Cl. 154—43.
 Drummond, Warren W.: *See*—
 Slayter, Games, and Drummond. 2,691,852.
 Drummond, William D., Burlington, Ontario, Canada, assignor to International Harvester Company. Vehicle trailer with demountable hydraulic lift. 2,668,062, Feb. 2.
 Drummondville Cotton Co. Ltd.: *See*—
 Lachapelle, Jerome.
 Lachapelle, Jerome. 2,684,086.
 Drumstick, Inc., assignee: *See*—
 Landgraber, Fred A., Sr.
 Drury, Cooper C. 2,689,630, Cl. 189—85.
 Drury, Herbert R. 2,695,133, Cl. 233—2.
 Drury, Thomas W., to Kingston Products Corp. 2,689,700, Cl. 248—27.
 Druth, Joseph S., to Chippewa Paper Products Co., Inc. 2,685,962, Cl. 206—7.
 Drutt, William, to Chunk-E-Nut Products Co. of Philadelphia, Inc. 2,693,833, Cl. 146—32.
 Druz, Walter S., Chicago, Ill., assignor to Zenith Radio Corporation. Noise-suppression system for television receivers. 2,668,234, Feb. 2.
 Druz, Walter S., Chicago, Ill., assignor to Zenith Radio Corporation. Timing system for subscription type television receivers. 2,673,238, Mar. 23.
 Druz, Walter S., to Zenith Radio Corp. 2,694,104, Cl. 178—51.
 Druz, Walter S., and J. H. Pulles, to Zenith Radio Corp. 2,694,103, Cl. 178—51.
 Dry, John P., Winters, Tex. Cigar case humidifier. 2,668,038, Feb. 2.
 Dryco Corp.: *See*—
 Freeman, David A. 2,686,894.
 Dryden, Horace W. 2,675,594, Cl. 24—201.
 Drydyke, Eugene. 2,674,235, Cl. 123—25.
 Dry-Freeze Corporation, assignee: *See*—
 Colton, Ralph F.
 Drypolcher, William, to L. and A. Obstfeld. 2,687,061, Cl. 85—49.
 Dualox Corp.: *See*—
 Durkee, James D. 2,680,970.
 Durkee, James D. 2,691,749.
 Dualtron Company, The, assignee: *See*—
 Keist, Walter E.
 Dubay, Frank X. 2,680,010, Cl. 261—124.
 Dubied, Eduard, & Cie (Société Anonyme): *See*—
 Seiler, Fritz. 2,691,879.
 Dubilier, William, New Rochelle, N. Y., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Capacitor construction. 2,668,935, Feb. 9.
 Dubilier, William, New Rochelle, N. Y., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Means for manufacturing metallized electrical capacitors. 2,671,157, Mar. 2.
 Dubilier, William, to Cornell-Dubilier Electric Corp. 2,683,792, Cl. 219—19.
 Dubilier, William, to Cornell-Dubilier Electric Corp. 2,696,546, Cl. 219—12.
 Dubin, Arthur, assignor to Chemical Sundries Co. 2,679,926, Cl. 206—45.31.
 Dubner, Harry J. 2,676,321, Cl. 2—42.
 Du Bois, Adrian S., and M. M. Reynolds, to West Infecting Co. 2,682,487, Cl. 127—44.
 Du Bois, Arthur E. 2,679,709, Cl. 45—28.
 Du Bois Co., Inc., The: *See*—
 Noble, Sidney G., and Woodrow. 2,687,139.
 Du Bois, Erma M., and R. Paulson; said Paulson assor. to said Du Bois. 2,697,480, Cl. 155—117.
 Du Bois, Robert E., Hammond, Ind. Resistor structure. 2,665,356, Jan. 5.
 Du Bois, Robert E., Hammond, Ind. Resistor mounting. 2,665,357, Jan. 5.

- Du Bois, Robert E., Hammond, Ind. Resistor grid. 2,665,358, Jan. 5.
- Du Bois, William H., assignor to Bendix Aviation Corporation, South Bend, Ind. Airplane wheel disk brake. 2,671,532, Mar. 9.
- Du Bois, William H., to Bendix Aviation Corp. 2,695,080, Cl. 188—152.
- Dubost, Pierre, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Fluid sealing and burr elimination projectile for perforator guns. 2,672,814, Mar. 23.
- Dubrowin, Raphael. 2,684,095, Cl. 150—1.6.
- Dubuisson, Emile R.: See—
Eberle, William J., and Dubuisson.
- Dubusc, Roger P., Boulogne, assignor to Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz, Montrouge (Seine), France. Oscillation apparatus for stylus type oscillographs. 2,673,137, Mar. 23.
- Duch, Gabriel V. A. and M. A. 2,677,746, Cl. 219—10.
- Duch, Marie A.: See—
Duch, Gabriel V. A. and M. A. 2,677,746.
- Ducharme, George E.: See—
Patterson, William S., and Ducharme. 2,697,541.
- Duchatellier, Henry, assignor to Societe dite: Usines Galus (societe anonyme), Courbevoie, France. Roller-blind shutter, for cameras, with single and graduated table for the whole range of speed extending from fast snapshots to slow exposure speeds. 2,673,501, Mar. 30.
- Du Chene, Roy J., Birmingham, Mich. Hand protector. 2,673,348, Mar. 30.
- Duchin, Maurice. 2,679,736, Cl. 65—61.
- Duckett, Alfred L. 2,681,005, Cl. 101—134.5.
- Duckwall, Robert H., to General Motors Corp. 2,690,462, Cl. 136—4.
- Ducot, Claude, and P. Perilhou, to Office National d'Etudes et de Recherches Aeronautiques. 2,692,986, Cl. 343—106.
- Ducot, Claude M.: See—
Bouzit, Jean, Ducot, and Perilhou. 2,677,820.
- Ducrot, Albert, Paris, France. Settee convertible into a bed. 2,673,355, Mar. 30.
- Dudchik, Nicholas, to Honan-Crane Corp. 2,689,690, Cl. 242—55.
- Duddy, Joseph C., assignor to The Electric Storage Battery Company. 2,676,929, Cl. 260—2.5.
- Dudenhofen, John J.: See—
Walsh, John J., and Dudenhofen.
- Dudis, Charles G., and J. F. Denlinger, assignors to The National Cash Register Company, Dayton, Ohio. Motor clutch. 2,669,331, Feb. 16.
- Dudkowski, Joseph J.: See—
Barnard, Kenneth H., and Dudkowski. 2,695,895.
- Dudley, Andrew T., Port Arthur, Tex. Lawn edge trimmer. 2,665,540, Jan. 12.
- Dudley, Edward C., assignor to Eastman Pacific Company. 2,674,197, Cl. 103—173.
- Dudley, Fred J.: See—
MacPherson, Howard R. 2,682,844.
- Dudley, James R.: See—
Loughran, Gerard A., Dudley, and Kropa. 2,680,110.
- Dudley, John S., Douglas, and C. D. Brandt, assignors to Whitin Machine Works, Whitinsville, Mass. Mechanism for bodily rotating a sliver can in fixed orientation. 2,672,655, Mar. 23.
- Dudley, Luther J. 2,683,323, Cl. 43—42.25.
- Dudley, Victor L., to Joy Mfg. Co. 2,698,104, Cl. 214—83.1.
- Dueker, Fred E., Fort Bliss, Tex. Quick lace shoe lace tightener. 2,673,381, Mar. 30.
- Duell, Morgan V., Oakville, assignor to Scovill Manufacturing Company, Waterbury, Conn. Key loop supporting plate. 2,667,059, Jan. 26.
- Duell, Morgan V., assignor to Scovill Manufacturing Company. 2,679,154, Cl. 70—456.
- Duerig, William H. 2,691,839, Cl. 43—17.6.
- Dueringer, Erwin G., and W. G. Martin, to A. O. Smith Corp. 2,691,959, Cl. 119—52.
- Dueringer, Walter E.: See—
Musat, George, and Dueringer. 2,689,000.
- Duerkob, Manfred F., St. Louis, Mo., assignor to McGraw Electric Company, Elgin, Ill. Holder for cartridge enclosed protectors for electric circuits. 2,668,215, Feb. 2.
- Duesberg, Henri H. M.: See—
Duesberg, Hubert C. M. H. 2,684,505.
- Duesberg, Hubert C. M. H., to L. J. A. and H. H. M. Duesberg. 2,684,505, Cl. 19—108.
- Duesberg, Leon J. A.: See—
Duesberg, Hubert C. M. H. 2,684,505.
- Duesing, Bert F., Big Lake, Tex. Explosive construction having directional effect characteristics. 2,671,400, Mar. 9.
- Duesing, Bert F. 2,687,092, Cl. 102—22.
- Dueth, Albert J. L. 2,697,475, Cl. 155—36.5.
- Du Fault, Homer D. 2,684,711, Cl. 158—7.
- Duff, John C. M. 2,696,992, Cl. 281—15.
- Duff, Robert H., Detroit, and R. A. Terry, Berkley, assignor to Chrysler Corporation, Highland Park, Mich. Power plant arrangement for servicing from outside front ends of vehicles. 2,667,230, Jan. 26.
- Duffield, William A. 2,679,169, Cl. 74—731.
- Duffin, George F.: See—
Kendall, John D., Duffin, and Axford. 2,688,024.
- Duffin, Walter M., to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,686,785, Cl. 260—293.4.
- Duffing, Paul, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electrically operated fluid pump. 2,664,826, Jan. 5.
- Duffing, Paul, assignor to Siemens-Schuckertwerke, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Contact device for synchronous switches. 2,669,621, Feb. 16.
- Duffing, Paul E. K., assignor to Siemens-Schuckertwerke, Aktiengesellschaft. 2,680,820, Cl. 307—106.
- Duffy, Cyrus P., Brooklyn, N. Y. Collapsible truck step. 2,670,968, Mar. 2.
- Duffy, Cyrus P. 2,679,118, Cl. 37—4.
- Duffy, Lyle G., to Stickelber and Sons, Inc. 2,687,698, Cl. 107—12.
- Duffy, Philip A., to the United States of America as represented by the Secretary of the Navy. 2,682,001, Cl. 250—83.6.
- Dufour, Achille P., to Vistascope, Inc. 2,685,223, Cl. 88—16.
- Dufour, Raymond J., Wheaton, Ill. Remote meter registration device. Re. 23,800, Mar. 16.
- Du Fresne, Eugene R., Chicago, and J. R. Swihart, Chicago Heights, Ill., assignors to The Diversey Corporation. Producing a mirrorlike finish on aluminum. 2,673,143, Mar. 23.
- Dugle, Thomas E.: See—
Crawley, Arthur, Binns, and Dugle.
- Duhan, Frederick W., to Crown Cork & Seal Co., Inc. 2,684,627, Cl. 101—6.
- Duisburger Kupferhuetten, assignee: See—
Emert, Oskar, von der Forst, and Zirngibl. 2,676,096.
- Du Kane Corp.: See—
Larson, Robert H. 2,696,140.
- Duke, Alexander J. 2,691,409, Cl. 155—119.
- Duke, Carl P., Indianapolis, Ind. Clothes clamp. 2,671,256, Mar. 9.
- Duke, James B., and W. M. Houston, assignors to Attapulgis Minerals & Chemicals Corporation. 2,676,705, Cl. 209—166.
- Dulberg, Murray. 2,695,028, Cl. 132—79.
- Dullaghan, Edward J., Boise, Idaho. Wire pulling jack. 2,670,016, Feb. 23.
- Dulle, William J. 2,698,095, Cl. 211—113.
- Dulligan, John H. 2,694,261, Cl. 33—178.
- Dulong, Paul R., to Underwood Corp. 2,691,438, Cl. 197—17.
- Dumas, Roger E., to American Machine and Foundry Co. 2,692,139, Cl. 273—43.
- Dumas, Roger E., R. D. Rumsey, and A. C. Wall, to American Machine & Foundry Co. 2,683,602, Cl. 273—50.
- Dumermuth, Rudolf, assignor to Gebrüder Bühler, Uzwil, Switzerland. Granular stock vacuum-drier pneumatic lock control. 2,672,245, Mar. 16.
- Dumond, Jesse W. M., to California Institute Research Foundation. 2,688,093, Cl. 250—53.
- Dumond, Jesse W. M., to California Institute Research Foundation. 2,688,094, Cl. 250—53.
- Du Mont, Allen B., Upper Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Adjacent area illuminator for cathode-ray tubes. 2,669,708, Feb. 16.
- Du Mont, Allen B., Laboratories, Inc.: See—
Beste, Harold E. 2,680,806.
- Casey, Robert F. 2,691,101.
- Casey, Robert F. 2,695,955.
- De Leon, John. 2,691,119.
- Du Mont, Allen B.
- Huffman, Charles E. 2,677,073.
- Huffman, Charles E. 2,684,454.
- Hulst, George D. 2,689,913.
- Leopold, Rudolf, and Casamento.
- Palmer, Richard C. 2,688,075.
- Potterton, William.
- Sanford, Emil. 2,682,620.
- Sanford, Emil E. 2,695,975.
- Thompson, Roger D. 2,680,195.
- Dumur, Marc, to Giovanola Freres S. A. 2,682,838, Cl. 104—211.
- Dun, Michael K. 2,677,836, Cl. 12—51.
- Dunathan, Emmet V.: See—
Prescott, James H., and Dunathan. 2,696,113.
- Dunbar, Allen S., Los Altos, Calif. Helical slot scanner. 2,670,436, Feb. 23.
- Dunbar, Clarence E. 2,675,968, Cl. 241—101.
- Duncan, Alexander: See—
Roehmann, Ludwig F., and Duncan. 2,696,518.
- Duncan, Angus W., assignor to The Mining Engineering Company Limited, Worcester, England. Troughed idler. 2,671,701, Mar. 9.
- Duncan, Charles R., Detroit, assignor to American Forging & Socket Company, Pontiac, Mich. Brake lever assembly. 2,669,883, Feb. 23.
- Duncan, Daniel W., Portsmouth, and P. Eustis, Norfolk County, Va. Electrolysis of zinc chloride. 2,673,178, Mar. 23.
- Duncan, Daniel W., Portsmouth, and P. Eustis, Norfolk County, Va. Recovery of zinc. 2,673,179, Mar. 23.
- Duncan, Donald M.: See—
Fedorchak, William J., Politsch, Wideman, and Duncan. 2,682,802.

- Duncan Electric Mfg. Co.: *See*—
 Green, Stanley S. 2,681,835.
 Paine, Louis A.
 Paine, Louis A. 2,685,080.
 Paine, Louis A. 2,692,179.
- Duncan Foundry and Machine Works, Inc., assignee: *See*—
 Duncan, William M.
- Duncan, Gordon W., to Standard Oil Development Co. 2,692,278, Cl. 260—501.
- Duncan, Harold W. 2,676,652, Cl. 160—104.
- Duncan, James E., Brackenridge, and J. J. Smith, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company. Glass composition. 2,669,808, Feb. 23.
- Duncan, James E., and S. L. Seymour, to Pittsburgh Plate Glass Co. 2,683,666, Cl. 108—52.
- Duncan, James E., and J. J. Smith, to Pittsburgh Plate Glass Co. 2,693,422, Cl. 106—52.
- Duncan, Kenneth O. 2,686,047, Cl. 262—12.
- Duncan, Owen G. 2,682,569, Cl. 136—178.
- Duncan, Robert K., Mount Ephraim, N. J., assignor to Radio Corporation of America. Means for preventing infiltration of magnetic dirt particles into the air gap between poles of microphone magnetic structures. 2,673,251, Mar. 23.
- Duncan, Thomas W., to Seeger Refrigerator Co. 2,697,332, Cl. 62—4.
- Duncan, William A., assignor to Acme Homes Metal Works, Inc. 2,676,858, Cl. 311—71.
- Duncan, William A., to Acme Homes Metal Works, Inc. 2,685,488, Cl. 311—61.
- Duncan, William H. 2,674,684, Cl. 219—46.
- Duncan, William H. 2,685,021, Cl. 219—46.
- Duncan, William M., assignor to Duncan Foundry and Machine Works, Inc., Alton, Ill. Apparatus for sintering machines. 2,670,947, Mar. 2.
- Duner Company, assignee: *See*—
 Duner, Sven. 2,675,562.
- Duner, Sven, assignor to Duner Company. 2,675,562, Cl. 4—8.
- Dunes, Walter A.: *See*—
 Cockerill, Gerald I., and Dunes. 2,679,151.
- Dungler, Julien, Basel, Switzerland. Treatment apparatus for cloth and like sheet material and equipped with means for shutting off the treatment fluid. 2,666,994, Jan. 26.
- Dungler, Julien. 2,682,116, Cl. 34—23.
- Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Clamp means for industrial trucks. 2,665,022, Jan. 5.
- Dunipace, Donald W., and N. C. Nitschke, Perrysburg, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for measuring thickness of sheet material. 2,665,333, Jan. 5.
- Dunipace, Donald W., Perrysburg, and I. G. Fowler, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Grinding and polishing glass sheets and plates. 2,667,018, Jan. 26.
- Dunkelberger, Milton S., Dayton, Ohio. Tubular supporting member. 2,670,736, Mar. 2.
- Dunkelberger, Milton S., Dayton, Ohio. Actuator. 2,672,766, Mar. 23.
- Dunkle, Melvin. 2,679,716, Cl. 55—108.
- Dunkle, Robert V.: *See*—
 Gier, Joseph T., and Dunkle.
- Dunlap, Arthur H. 2,687,558, Cl. 20—74.
- Dunlap, Charles K., Hartsville, S. C., assignor to Sonoco Products Company. Means for sizing and surface finishing paper tubes and the like. 2,664,793, Jan. 5.
- Dunlap, Charles K., Hartsville, S. C., assignor to Sonoco Products Company. Yarn shipping core. 2,668,020, Feb. 2.
- Dunlap, Charles K., assignor to Sonoco Products Company. 2,678,781, Cl. 242—122.
- Dunlap, Charles K., assignor to Sonoco Products Company. 2,679,989, Cl. 242—122.
- Dunlap, Charles K., to Sonoco Products Co. 2,690,311, Cl. 242—119.
- Dunlap, Charles M., to Westinghouse Electric Corp. 2,685,949, Cl. 192—41.
- Dunlap, Henry F., Dallas, Tex., and J. H. Ramser, Chester, assignors to The Atlantic Refining Company, Philadelphia, Pa. Pressure measuring device. 2,669,877, Feb. 23.
- Dunlap, Kermit S., to Bell Telephone Laboratories, Inc. 2,695,334, Cl. 179—16.
- Dunlap, Kermit S., and W. A. Malthaner, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone subscriber. 2,672,523, Mar. 16.
- Dunlap, Theodore M., executor: *See*—
 Peterson, Christen J.
- Dunlap, William C., Jr.: *See*—
 Gurewitsch, Anatole M., and Dunlap. 2,693,022.
- Dunlap, William C., Jr., Schenectady, N. Y., assignor to General Electric Company. Asymmetrically conductive device. 2,668,262, Feb. 2.
- Dunlap, William C., Jr., Schenectady, N. Y., assignor to General Electric Company. Making germanium hall plates. 2,669,533, Feb. 16.
- Dunlee Corp.: *See*—
 Atlee, Zed J.
 Atlee, Zed J. 2,686,884.
- Dunlevy, Ralph, H. Frick, and J. H. Shoemaker, assignors to Kolene Corporation. 2,674,250, Cl. 134—63.
- Dunlevy, Ralph, H. Frick, and J. H. Shoemaker, assignors to Kolene Corporation. 2,674,251, Cl. 134—63.
- Dunlevy, Ralph, H. Frick, and J. H. Shoemaker, assignors to Kolene Corporation. 2,674,550, Cl. 134—3.
- Dunlevy, Ralph, H. Frick, and J. H. Shoemaker, assignors to Kolene Corporation. 2,674,551, Cl. 134—15.
- Dunlop, Adam: *See*—
 Gresham, Harold E., Wheeler, and Dunlop. 2,677,631.
- Dunlop, Andrew P., to The Quaker Oats Co. 2,684,982, Cl. 260—526.
- Dunlop, Andrew P., Riverside, Ill., and S. Swadesh, Mill Valley, Calif., assignors to The Quaker Oats Company, Chicago, Ill. Preparation of 2-phenyl-3-pyridol from 2-benzoylfuran. 2,672,461, Mar. 16.
- Dunlop, Andrew P., and S. Smith, assignors to The Quaker Oats Company. 2,676,186, Cl. 260—537.
- Dunlop, Andrew P., and E. Sherman, to The Quaker Oats Co. 2,681,349, Cl. 260—326.5.
- Dunlop, Arthur K., D. R. Douslin, and G. J. Pierotti, to Shell Development Co. 2,695,217, Cl. 23—207.
- Dunlop Rubber Co. Ltd.: *See*—
 Brierley, Paul. 2,692,485.
 Butler, Henry J.
 Butler, Henry J. 2,697,499.
 Dewar, Douglas. 2,696,958.
 Jones, Frederick A. 2,674,391.
 Kendall, Charles E. 2,695,328.
 Moore, John F. 2,697,347.
 Seddon, Robert M.
 Seddon, Robert M. 2,681,235.
 Seddon, Robert M. 2,683,034.
 Seddon, Robert M. 2,683,044.
 Trevaskis, Henry W. 2,676,601.
 Trevaskis, Henry W. 2,682,282.
 Trevaskis, Henry W. 2,689,024.
 Trevaskis, Henry W., and Dewar. 2,675,649.
 Trevaskis, Henry W., and Mortimer. 2,692,100.
 Walsh, Alfred O. 2,690,778.
 Wright, Joseph, and Butler. 2,679,303.
- Dunlop Tire and Rubber Corp.: *See*—
 Burrige, Kenneth G., and Hirst. 2,686,733.
 Goy, Ronald S. 2,691,403.
 Goy, Ronald S. 2,693,360.
 Hemm, Charles, and Garstang. 2,675,733.
 McChesney, Cuyler S. 2,681,770.
- Dunmire, Russell P., Orange, Ohio. Apparatus for filtering materials. 2,670,849, Mar. 2.
- Dunmire, Russell P., to Nutrition Products, Inc. 2,685,517, Cl. 99—11.
- Dunmire, Russell P. 2,685,522, Cl. 99—219.
- Dunmire, Russell P. 2,685,537, Cl. 118—20.
- Dunmire, Russell P. 2,696,212, Cl. 128—216.
- Dunmyer, Bruce H., Baltimore, and L. E. Wood, Glen Arm, Md. Pressure responsive apparatus. 2,671,833, Mar. 9.
- Dunn, Carl H., Hyattsville, Md. Spirit level bracket. 2,667,704, Feb. 2.
- Dunn, David O. 2,684,046, Cl. 116—52.
- Dunn, Ernest A., to J. B. Nelson. 2,687,778, Cl. 166—212.
- Dunn, Eustace S., assignee: *See*—
 Richter, Hans.
- Dunn, Fenmore E., to Byron Jackson Co., Inc. 2,684,032, Cl. 103—87.
- Dunn, George E., assignor to Universal Products Company, Inc., Dearborn, Mich. Constant velocity universal joint. 2,672,740, Mar. 23.
- Dunn, Henry M., and D. Oles, to Choldun Mfg. Corp. 2,689,577, Cl. 134—123.
- Dunn, John R., Gatineau, Quebec, assignor to Canadian International Paper Company, Montreal, Quebec, Canada. Shower for pulp washers. 2,673,763, Mar. 30.
- Dunn, Maurice B.: *See*—
 Currie, Grover C., Dans, Wilkens, and Dunn. 2,677,221.
 Currie, Grover C., Dans, Wilkens, and Dunn. 2,683,959.
- Dunn, Robert G., assignor of 1/2 to P. W. Le Velle. 2,678,396, Cl. 250—50.
- Dunn, Robert G., Dayton, Ohio, and R. F. Heiser, Valparaiso, Fla. Alcohol injection system for deicing aircraft fuel filters and strainers. 2,670,082, Feb. 23.
- Dunn, Roland H.: *See*—
 Terry, Victor J., and Collier. 2,694,802.
- Dunn, Ted E., to Radio Corp. of America. 2,688,722, Cl. 323—86.
- Dunn, Ted E., to Radio Corp. of America. 2,695,996, Cl. 343—14.
- Dunn, Walter H., and J. C. Southard, deceased (M. C. Southard, executrix), to Solar Aircraft Co. 2,693,414, Cl. 75—129.
- Dunne, Daniel E., and W. E. Janness, assignors to Lighting Products, Inc. 2,677,046, Cl. 240—9.
- Dünnebie, Kurt: *See*—
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- Dünnebie, Max: *See*—
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- Dunnigan, Joseph L., Baltimore, Md. Sealed cooling system for internal-combustion engines. 2,672,853, Mar. 23.
- Dunnigan, Joseph L. 2,692,585, Cl. 123—25.
- Dunning, Harry C. 2,678,534, Cl. 60—39.53.

- Dunod, Jean, assignor to Qualitex-Societe Dunod & Cie. 2,679,264. Cl. 139—13.
- Dunphy, William P. 2,678,539. Cl. 60—54.5.
- Dunsheath, Thomas J., assignor to Magnaflex Corporation. 2,678,421. Cl. 324—38.
- Dunshie, William E., Glenview, assignor to S & C Electric Company, Chicago, Ill. Snap-acting mechanism for opening electric switches and the like. 2,668,449. Feb. 9.
- Dunton, Hollis C. 2,696,852. Cl. 143—51.
- Dunton, Stanley N., City Island, assignor to Thomas C. Wilson, Inc., Long Island City, N. Y. Safety bolt construction. 2,670,099. Feb. 23.
- Dunton, Stanley N., to Thomas C. Wilson, Inc. 2,689,754. Cl. 285—181.
- Duofold, Inc., assignee: See—
- Evans, Aubrey M. 2,677,828.
- Dupkas, Michael A. 2,681,580. Cl. 81—9.3.
- Dupler, Paul E.: See—
- Arntzen, Clyde E., and Dupler. 2,686,156.
- Dupler, Raymond R., Toledo, Ohio. Air heating furnace simulating a fireplace. 2,671,440. Mar. 9.
- Du Pont, E. I., de Nemours and Co.: See—
- Adams, Rowland K., and Krause. 2,688,040.
- Adelman, Robert L. 2,682,532.
- Albisetti, Charles J., Jr., and Hogsed. 2,679,463.
- Albright, Clayton M., Jr., and Glasser. 2,694,335.
- Alexander, Guy B., and Iler. 2,679,463.
- Alles, Francis P., and Saner. 2,698,239.
- Alles, Francis P., and Saner. 2,698,240.
- Armstrong, Thomas J., and Iler. 2,679,483.
- Arnold, Robert G. 2,697,711.
- Arnold, Robert G. 2,697,712.
- Arnold, Robert G. 2,697,713.
- Arthur, Paul, Jr., and Pratt. 2,695,880.
- Baevsky, Melvin M. 2,696,463.
- Baker, Earl C. 2,676,762.
- Baldsiefen, Walter D. 2,678,907.
- Baldwin, Robert H., and Bley. 2,678,907.
- Balon, Walter J., and Stallmann. 2,683,144.
- Balthis, Joseph H. 2,681,922.
- Banigan, Thomas F. 2,676,120.
- Barney, Arthur L. 2,677,679.
- Benning, Anthony F., and Hill. 2,695,880.
- Bernard, John G. 2,676,190.
- Bernard, Robert A., and Merner. 2,676,190.
- Berry, Kenneth L. 2,692,887.
- Berry, Kenneth L., and Salzberg. 2,692,868.
- Billings, Orman B., and Remington. 2,696,427.
- Biswell, Charles B. 2,696,427.
- Boyer, John R., and Luckring. 2,694,197.
- Branan, Wiley M., and Desetti. 2,680,696.
- Bredeson, Ola A. 2,680,677.
- Brock, Peter R., and Druckenmiller. 2,680,721.
- Broge, Edward C., and Iler. 2,681,348.
- Brown, Robert L. 2,680,763.
- Brubaker, Merlin M. 2,680,763.
- Bruner, Walter M., and Lehr. 2,678,286.
- Bryant, Harold W., and Cornthwaite. 2,692,267.
- Burrows, Lawton A., and Cook. 2,677,688.
- Burrows, Lawton A., and Kalb. 2,692,268.
- Cairns, Theodore L., and Gilbert. 2,692,267.
- Campbell, John B. 2,692,267.
- Catlin, Willard E. 2,676,121.
- Chapman, Aurelius F. 2,686,103.
- Charch, William H. 2,696,147.
- Chien, Luther C. 2,689,982.
- Christy, William O. 2,676,938.
- Chynoweth, John L. 2,683,072.
- Clark, Benjamin F. 2,686,104.
- Clark, Robert E. 2,688,160.
- Clark, Robert E. 2,682,524.
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- Compton, John D. 2,682,546.
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- Corneil, Ernest R. 2,693,624.
- Craven, Robert L. 2,694,076.
- Craven, Robert L., and Patton. 2,694,016.
- Cupery, Harold E. 2,675,403.
- Cupery, Martin E. 2,692,876.
- Cupery, Martin E., and Detrick. 2,678,287.
- Davis, Clyde O., Lewis, and Noddin. 2,685,251.
- Denison, Mortimer C. 2,692,197.
- De Ropp, Harald W., and Forbes. 2,680,766.
- Deyrup, Alden J. 2,685,505.
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- Dietrich, Melvin A. 2,696,423.
- Dietrich, Melvin A., and Smith. 2,684,348.
- Dills, William L. 2,680,277.
- Dodson, Claude J., and Gardner. 2,680,459.
- Dodson, Claude J., and Gardner. 2,680,459.
- Emig, Fred J., and Muth. 2,691,038.
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- Englund, Bruce E. 2,691,682.
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- Ewing, Alvin L. 2,675,378.
- Fawcett, Frank S. 2,675,378.
- Fennell, Francis L. 2,687,942.
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- Forshey, William O., Jr., and Kirby. 2,687,406.
- Foster, Robert E. 2,676,187.
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- Funk, Henry C., and Reger. 2,686,764.
- Geister, Carl H., and Collins. 2,680,741.
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- Gillson, Joseph L., and Wilkinson. 2,694,618.
- Glogau, Richard C. 2,676,877.
- Gobeil, Richard J. 2,693,485.
- Godshalk, Henry W. 2,683,668.
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- Graham, Boynton. 2,694,637.
- Gray, Russell H. 2,694,637.
- Gregory, Walter A. 2,680,120.
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- Grumbine, Arthur W., and Umberger. 2,693,462.
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- Hall, Myron C. 2,680,761.
- Halliwell, Ronald H. 2,687,410.
- Hanke, Albert R. 2,687,410.
- Hansley, Virgil L. 2,695,835.
- Hare, Weston A. 2,695,835.
- Hare, Weston A., and Rivers. 2,677,590.
- Harris, Charles R., and Sprauer. 2,691,660.
- Hartig, Martval J. P. 2,695,912.
- Hartig, Martval J. P. 2,695,912.
- Haslam, John H. 2,684,972.
- Hause, Norman L. 2,678,319.
- Haw, John O. 2,689,839.
- Heckert, Winfield W. 2,681,496.
- Heckrotte, Robert S. 2,694,307.
- Henry, George E. 2,680,117.
- Hermann, Edward C. 2,680,117.
- Herrick, Elbert C., and Sauer. 2,676,945.
- Higgins, Norton A. 2,683,136.
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- Hinegardner, Wilbie S. 2,681,324.
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- Hochberg, Seymore. 2,683,140.
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- Hughes, Lehman E. 2,694,447.
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- Krchma, Ignace J. 2,691,566.
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- Langerak, Esley O. 2,692,874.
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 Dupre, Henry P., Croton-on-Hudson, N. Y., assignor to
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- Du Rose, Arthur H., and K. S. Willson, to The Harshaw Chemical Co. 2,683,115 Cl. 204—49.
- Du Rostu, Georges L., assignor to Societe Anonyme Andre Citroen, Paris, France. Pressure-responsive membrane and movement limiting means therefor. 2,667,182, Jan. 26.
- Du Rostu, Georges L., assignor to Societe Anonyme Andre Citroen, Paris, France. Adding metallic components to molten metals. 2,671,019, Mar. 2.
- Du Rostu, Georges L., assignor to Societe Anonyme Andre Citroen. 2,674,359, Cl. 192—84.
- Du Rostu, Georges L., assignor to Societe Anonyme, Andre Citroen. 2,676,685, Cl. 192—84.
- Duro-Test Corp.: *See—*
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- Duryee, Lawrence M., to Princeton Knitting Mills, Inc. 2,688,789, Cl. 28—51.
- Duryee, Lawrence M., to Princeton Knitting Mills, Inc. 2,689,393, Cl. 28—51.
- Du Sell, Giles H., assignor to Thor Power Tool Company, Aurora, Ill. Attachment for power-driven rotary tools. 2,670,644, Mar. 2.
- Dusenbury, George A., Saluda, N. C. Vertically adjustable table. 2,673,773, Mar. 30.
- Dustin, Ernest G., near Galva, Ill. Body support and weight distributor. 2,667,913, Feb. 2.
- Dustin, Ernest G., near Galva, Ill. Body support and weight distributor. 2,667,917, Feb. 2.
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- Dutcher, Harris A., to Phillips Petroleum Co. 2,698,350, Cl. 260—679.
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- Dutro, Orville V., La Canada, Calif., assignor to The McBee Company, Athens, Ohio. Shuttle mechanism for feeding web to punch presses. 2,667,924, Feb. 2.
- Dutro, Orville, and O. E. Freedman, to The McBee Co. 2,683,409, Cl. 101—77.
- Dutterer, Rex J. L., to Hastings Mfg. Co. 2,691,971, Cl. 123—169.
- Duttine, Adam. 2,675,691, Cl. 70—67.
- Dutton-Forshaw, Richard. 2,675,258, Cl. 288—3.
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- Duvall, William J., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Decoking and cleaning tubular heaters. 2,671,741, Mar. 9.
- Dvornikoff, Michael N., and E. J. Young, assignors to Monsanto Chemical Company. 2,678,322, Cl. 260—397.7.
- Dwinell, Charles L. 2,693,657, Cl. 40—132.
- Dworak, Joseph R., and R. H. Busch, Galesburg, Ill. Saucer pad. 2,670,615, Mar. 2.
- Dwyer, James J.: *See—*
Speed, William C., and Dwyer. Re. 23,875.
- Dwyer, Russell N., and V. C. Smith, to Barnstead Still and Sterilizer Co. 2,683,695, Cl. 260—2.2.
- Dwyer, William J., Battle Creek, Mich., assignor to J. I. Case Company, Racine, Wis. Drive for corn pickers. 2,669,824, Feb. 23.
- Dwyer, William P. 2,680,020, Cl. 272—53.2.
- Dyckerhoff & Widmann Kommanditgesellschaft: *See—*
Finsterwalder, Ulrich, and Ebert.
Karig, Werner. 2,695,754.
- Dyckes, George J.: *See—*
Jewell, Raymond L., and Dyckes.
- Dye, Edward R., assignor to Cornell Aeronautical Laboratory, Inc. 2,677,905, Cl. 36—59.
- Dye, Edward R., assignor to Cornell Aeronautical Laboratory, Inc. 2,678,507, Cl. 36—59.
- Dye, Edward R., assignor to Cornell Aeronautical Laboratory, Inc. 2,679,046, Cl. 2—3.
- Dye, William T., Jr., Dayton, Ohio, assignor, by mesne assignments, to The Chemstrand Corporation. Chemical process for dialkylacetylides. 2,667,510, Jan. 26.
- Dye, William T., Jr., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of organic phosphorus compounds. 2,673,876, Mar. 30.
- Dyckjaer, Elith G. 2,676,595, Cl. 128—305.
- Dyer, Frederic T., and R. H. Revett, to Ransomes, Sims & Jefferies, Ltd. 2,688,212, Cl. 51—93.
- Dyer, Frederic T., and R. H. Revett, to Ransomes, Sims & Jefferies, Ltd. 2,688,213, Cl. 51—94.
- Dyer, Harry B., to Nashville Bridge Co. 2,684,653, Cl. 114—235.
- Dyer, John W.: *See—*
Short, Brooks H., and Dyer.
- Dyer, Lloyd W., assignor to Westinghouse Electric Corporation. 2,677,025, Cl. 200—88.
- Dyer, Lloyd W., and H. D. Dorfman, Beaver, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,666,828, Jan. 19.
- Dygert, Donald A. 2,689,101, Cl. 248—216.
- Dyják, Adolf, assignor to Svit, národní podnik. 2,674,866, Cl. 66—145.
- Dyke, Edwin, and R. Y. Hoffman, Jr., assignors to Motorola, Inc. 2,679,003, Cl. 250—33.65.
- Dyke, Edwin, and R. Y. Hoffman, Jr., assignors to Motorola, Inc. 2,679,004, Cl. 250—33.65.
- Dyken, Charles P. 2,685,276, Cl. 121—45.
- Dym, Joseph B.: *See—*
Coe, Harry D., Jr., and Dym. Re. 23,846.
- Dyna-Labs, Inc.: *See—*
Shaper, Harry B. 2,681,389.
- Dynamit Actien-Gesellschaft vormals Alfred Nobel & Co.: *See—*
Orth, Hans. 2,687,407.
Wienand, Michael. 2,696,640.
- Dynner, Benjamin L., to James G. Biddle Co. 2,681,588, Cl. 84—456.
- Dysart, Norman A. 2,696,101, Cl. 70—456.
- Dyson, Fred: *See—*
Williams, Harold M., Gordon, and Dyson.
Dzialdowski, Adam J. 2,680,537, Cl. 220—52.
- Dzus, William. 2,679,050, Cl. 2—146.
- E & J Manufacturing Co., assignee: *See—*
Fox, Le Roy G. 2,675,885.
Stanton, Philip L.
- E. M. B. Elektromotorenbau A.-G.: *See—*
Hilken, Alfred. 2,680,010.
- E. R. A. Patents Ltd.: *See—*
Busemann, Felix. 2,684,460.
Busemann, Felix. 2,684,461.
Whitehead, Stanley, and Roston. 2,680,226.
- ETA A. G., Ebauches-Fabrik, assignee: *See—*
Stamm, Heinrich.
- E-Z-On Corporation, assignee: *See—*
Barnett, James W., and Gillett. 2,679,262.
- E Z Paints Corp.: *See—*
Touchett, Vern T., and Fohl. 2,694,825.
- Eaby, Le Roy, and F. P. Schmoeyer, Jr., assignors to Armstrong Cork Company. 2,674,764, Cl. 18—47.5.
- Each, Clyde A., and S. M. West. 2,680,282, Cl. 29—66.
- Eades, John H., assignee: *See—*
Mowrey, Albert V.
- Eadie, Arthur F., San Leandro, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Apparatus for pumping viscous crude. 2,672,815, Mar. 23.
- Eadie, Edward M., Jr., to Weston Electrical Instrument Corp. 2,697,803, Cl. 317—124.
- Eagan, William F., assignor to Allis-Chalmers Manufacturing Company. 2,674,125, Cl. 73—116.
- Eagle, Leo, Jackson Heights, N. Y. Button feeding mechanism for button sewing machines. 2,665,651, Jan. 12.
- Eagle Lock Co., The: *See—*
Williams, Merton S. 2,682,763.
- Eagle Manufacturing Company, assignee: *See—*
Richmond, Roy H., Sr. 2,678,758.
- Eagle-Picher Co., The: *See—*
Angus, Thomas R. 2,679,667.
Bertleff, William, and Hoffer. 2,691,797.
Chubb, Melvin F. 2,684,395.
Chubb, Melvin F. 2,684,481.
Clapson, William J., and Amthauer. 2,677,621.
Fennell, John E. 2,693,456.
Grover, Anthony P., and Milden.
Meyers, George L. 2,680,700.
Meyers, George L., and Shutt. 2,684,508.
Milone, Louis J. 2,695,084.
Winchester, John H., and Achterhof. 2,691,798.
- Eaglesfield, Charles C., assignor to International Standard Electric Corporation. 2,678,350, Cl. 178—43.5.
- Eagon, Norton D., assignor, by mesne assignments, to Chance Vought Aircraft, Incorporated. 2,679,991, Cl. 244—74.
- Eagon, Norton D., and R. D. Furay, to Chance Vought Aircraft, Inc. 2,682,746, Cl. 60—35.6.
- Eakin, Lourie L.: *See—*
Olson, John A. 2,689,053.
- Eakin, Richard E.: *See—*
Boyd, Robert E., Clary, Eakin, Glennie, Mark, and Parsons. 2,677,499.
- Eakin, Willard D., Akron, Ohio. Making rubber tire-tubes. 2,673,588, Mar. 30.

- Eakin, Willard D., assignor to C. E. Bannister. 2,677,352, Cl. 121—153.
- Eakin, William M. 2,693,053, Cl. 49—48.
- Eames, Charles, West Los Angeles, Calif., assignor, by mesne assignments, to Herman Miller Furniture Company, Zeeland, Mich. Chair construction with resiliently mounted seat and back. 2,667,210, Jan. 26.
- Eames, Charles, to The Herman Miller Furniture Co. 2,697,575, Cl. 248—192.
- Eames, William F., to Westinghouse Electric Corp. 2,685,349, Cl. 187—29.
- Eames, William F., to Westinghouse Electric Corp. 2,688,383, Cl. 187—29.
- Earle, Clarence E.: *See*—
Linderman, Garrett B. 2,680,900.
- Earle, Clarence E., and C. A. Covington. 2,674,469, Cl. 284—18.
- Earle Corporation, The, assignee: *See*—
Tetzlaff, Earl. 2,677,841.
- Earle, Dorothy B., executrix: *See*—
Linderman, Garrett B. 2,680,900.
- Earle, Edwin L., to International Telephone and Telegraph Corp. 2,686,850, Cl. 200—1.
- Earley, Roy C., assignor to Ruggles-Klingemann Mfg. Co. 2,680,563, Cl. 236—23.
- Early, Paul F., and W. R. Winslow, assignors to The Standard-Thomson Corporation. 2,674,412, Cl. 236—34.
- Earman, Owen. 2,683,054, Cl. 292—340.
- Earnshaw, Spencer A. 2,681,725, Cl. 198—128.
- Earp, Charles W., to International Standard Electric Corp. 2,683,213, Cl. 250—20.
- Earsley, Melvin, assignee: *See*—
Richardson, Andrew J. 2,678,058.
- Earth Equipment Corporation, assignee: *See*—
Everett, Woodrow W. 2,679,922.
- Eash, George H., assignor to G. H. Poulsen, Toledo, Ohio. Combined sound reproducer and projector apparatus. 2,666,358, Jan. 19.
- Easley, John A., W. E. Eden and H. E. Swayze, assignors to The Dow Chemical Company, Midland, Mich. Etching machine. 2,669,048, Feb. 16.
- Easly, Joseph C., and H. L. Kellner, to Gulf Research & Development Co. 2,691,033, Cl. 260—449.6.
- Eason, Clarence M., assignor to Industrial Clutch Corporation. 2,674,356, Cl. 192—18.
- Eason, Clarence M., to Industrial Clutch Corp. 2,684,742, Cl. 192—91.
- Eason, W. Jeter: *See*—
Wallace, Lewis C. 2,681,871.
- Eastepe, James L., Kansas City, Mo. Knockdown barbecue oven. 2,665,682, Jan. 12.
- Easterday Supply Co. of Oregon: *See*—
Friar, Lawrence H. 2,692,403.
- Eastern Brass & Copper Co., Inc., assignee: *See*—
Barchoff, Abraham.
- Eastern Electric, Inc.: *See*—
Clark, Nelson O., and Wightman. 2,695,387.
- Eastern Industries, Inc.: *See*—
Barker, John L. 2,695,404.
- Eastern Industries, Incorporated: *See*—
Chenoweth, Henry G. 2,691,542.
Griffin, Eugene L. 2,680,636.
Wilcox, Harry A. 2,676,294.
- Eastern Metals Research Co., Inc.: *See*—
Clarke, Philip C., Glaser, and Votta. 2,693,328.
Glaser, Leo B., and Votta.
Howell, William R.
Welch, Arthur J., and Becker. 2,695,968.
- Eastern Tool Company, assignee: *See*—
Clark, Frank W., and Stolze.
- Eastern Tool & Mfg. Co.: *See*—
Anderson, Edwin B. 2,693,638.
- Eastern Venetian Blind Co., The: *See*—
Rosenbaum, Harry S.
Rosenbaum, Harry S. 2,683,890.
Rosenbaum, Harry S. 2,683,891.
Rosenbaum, Harry S. 2,687,171.
- Eastern States Soilbuilders, Inc.: *See*—
Eyster, William H. 2,684,295.
- Eastes, John W., and T. F. Cooke, to American Cyanamid Co. 2,683,702, Cl. 260—39.
- Eastman, Du Bois: *See*—
Ruidisch, Louis E., and Eastman. 2,694,075.
- Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,673,537, Mar. 30.
- Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt guide for shoe inseam sewing machines. 2,673,538, Mar. 30.
- Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe inseam sewing machine. 2,673,539, Mar. 30.
- Eastman, H. John: *See*—
Brown, Guy E. 2,691,507.
- Eastman, James M., E. G. Keller, and F. C. Mock, assignors to Bendix Aviation Corporation. 2,679,297, Cl. 170—135.74.
- Eastman, John D., assignor to The Dow Chemical Company, Midland, Mich. Plant growth regulant compositions comprising chloroxyloxyacetic acids and esters thereof. 2,668,104, Feb. 2.
- Eastman Kodak Co.: *See*—
Aklin, George H. 2,682,198.
Allen, Charles F. H. and Byers. 2,692,269.
Allen, Charles F. H., and Wilson. 2,694,716.
Allen, Charles F. H., Byers, and Sprague.
Amele, Peter, and Malone. 2,685,668.
Aubert, Per, and Knott. 2,692,829.
Barr, Charles R., Salminen, and Weissberger. 2,678,882.
Battey, Robert S. 2,697,044.
Beard, Robert L.
Beguvin, Albert E. 2,681,294.
Bell, Alan. 2,683,748.
Bell, Alan, and Knowles. 2,688,625.
Bell, Alan, and Knowles. 2,692,287.
Bell, Alan, and Knowles. 2,692,288.
Bell, Alan, and Knowles. 2,697,111.
Bell, Alan, Knowles, and Tholstrup. 2,682,474.
Bell, Alan, Knowles, and Tholstrup. 2,682,563.
Bell, Alan, and McConnell. 2,694,724.
Benton, Charles H., Jr., and Robeson. 2,683,746.
Benton, Charles H., Jr., and Robeson. 2,683,747.
Bing, Herbert A.
Blattner, Robert F.
Bornemann, William. 2,688,281.
Boutell, Albert R. 2,688,220.
Brooker, Leslie G. S. 2,689,849.
Burness, Donald M., and Robeson. 2,676,994.
Caldwell, John R.
Caldwell, John R. 2,675,367.
Caldwell, John R. 2,682,518.
Caldwell, John R. 2,682,519.
Caldwell, John R. 2,685,598.
Capstaff, John G.
Carroll, Burt H.
Carroll, Burt H. 2,694,638.
Carroll, Burt H., and Jones. 2,688,545.
Carroll, Burt H., and Kenyon. 2,675,316.
Carter, Edward H., and Sartain. 2,682,560.
Cawley, John D., Robeson, and Humphlett. 2,676,989.
Cawley, John D., and Stern. 2,680,749.
Clemens, Milton L., von Bramer, and Young. 2,682,547.
Clower, Egbert H., and Johnson. 2,697,115.
Coover, Harry W., Jr. 2,682,521.
Coover, Harry W., Jr. 2,685,581.
Coover, Harry W., Jr., and Dickey. 2,675,371.
Coover, Harry W., Jr., and Dickey. 2,682,556.
Coover, Harry W., Jr., and McCall. 2,682,522.
Coover, Harry W., Jr., Dickey, and Shearer. 2,697,092.
Crane, Carlton L.
Dickey, Joseph B., and Coover.
Dickey, Joseph B., and Coover. 2,682,527.
Dickey, Joseph B., and Coover. 2,691,616.
Dickey, Joseph B., and Corbitt. 2,685,599.
Dickey, Joseph B., and Towne. 2,683,708.
Dickey, Joseph B., and Towne. 2,683,709.
Doyle, Frank P., and Edwards. 2,685,509.
Elins, Herbert S., and Gates. 2,688,610.
Embree, Norris D., and Kascher. 2,686,751.
Fierke, Scheuring S. 2,691,579.
Fordyce, Charles R., and Simonsen. 2,694,227.
Folwell, John H.
Fox, Arthur B. 2,696,961.
Fox, Francis E., Jr. 2,688,614.
Gearhart, William M. 2,675,327.
Graham, Bruce. 2,694,703.
Graham, Bruce, and Weissberger. 2,691,659.
Gray, Glen G., and Trout.
Guntrum, Marshall, and Robeson. 2,676,991.
Haas, Edwin K. 2,688,414.
Haeefe, Donald G. 2,685,225.
Hagemeyer, Hugh J., Jr. 2,691,045.
Hagemeyer, Hugh J., Jr. 2,691,047.
Hagemeyer, Hugh J., Jr., and De Busk. 2,678,925.
Hagemeyer, Hugh J., Jr., and Hull. 2,694,734.
Haist, Grant M., and Russell. 2,685,514.
Harrington, Robert C., Jr. 2,675,364.
Harter, Paul. 2,675,189.
Hasek, Robert H. 2,691,046.
Henn, Richard W., and Crabtree. 2,691,588.
Henn, Richard W., Rasch, and Crabtree. 2,685,513.
Henn, Richard W., and Reynolds. 2,691,589.
Herz, Arthur H. 2,688,601.
Heseltine, Donald W., and Brooker.
Higgins, George C., and Groet. 2,697,036.
Hodges, Howard T. 2,688,279.
Hood, Glay M. 2,685,499.
Howe, Donald J. 2,691,580.
Hull, David C.
Hull, David C., and Hagemeyer. 2,694,735.
Humphlett, Wilbert J. 2,676,993.
Humphlett, Wilbert J., and Burness. 2,676,990.
Hunt, Clayton E., Jr.
Hunt, Clayton E., Jr. 2,682,573.
Hunter, Walter F., Jr. 2,694,662.
James, Thomas H., and Reynolds. 2,688,549.
Jelley, Edwin E., and Herz. 2,697,037.
Jones, George S., and Swanke. 2,691,321.
Jones, Jean E., and Ballard. 2,678,883.
Jungjohann, Vernon H.
Klauss, Ralph E. 2,688,189.
Knott, Edward B. 2,691,581.
Knott, Edward B. 2,694,717.

Eastman Kodak Co.: See—Continued.

- Knott, Edward B. 2,697,099.
 Knott, Edward B. 2,697,100.
 Kridel, Donald J., and Wiltala.
 Kridel, Donald J., Bean, and Rogers.
 Kridel, Donald J., and Rogers. 2,688,547.
 Kuhrt, Noel H.
 Kuhrt, Noel H. 2,681,281.
 Kuhrt, Noel H. 2,681,282.
 Kuhrt, Noel H. 2,681,283.
 Laakso, Thomas T. M., and Reynolds.
 Laakso, Thomas T. M., and Reynolds. 2,694,699.
 Lowe, Wesley G., and Gates. 2,691,582.
 Luboshez, Benjamin. 2,694,226.
 Lugert, John J. 2,678,586.
 Machish, Kenneth G.
 Malm, Carl J., and Crane. 2,675,377.
 Malm, Carl J., and Williams.
 Malone, Harold L., and Marvin.
 Martin, Emmett V. 2,697,023.
 Martin, Louis D.
 Martinson, Lawrence E. 2,697,039.
 Maurer, Richard E. 2,691,583.
 McCrossen, Fred C., Salminen, and Weissberger. 2,688,544.
 Mihalyi, Joseph. 2,674,931.
 Minsk, Louis M. 2,694,693.
 Minsk, Louis M., and Van Deusen. 2,690,966.
 Minsk, Louis M., Van Deusen, and Robertson.
 Morey, Leon P., and Butler. 2,685,323.
 Nadeau, Gale F., Starck, and Smith. 2,694,639.
 Nadeau, Gale F., and Starck. 2,685,511.
 Nadeau, Gale F., and White. 2,688,155.
 Porter, Henry D. 2,678,885.
 Priest, William J. 2,691,604.
 Reynolds, George A. 2,688,548.
 Richter, George A., and MacClaren. 2,694,631.
 Robeson, Charles D., and Baxter. 2,680,755.
 Robeson, Charles D., and Lindsay. 2,676,988.
 Rosenburgh, Norman J. 2,682,194.
 Rosenburgh, Norman J., and Schoonmaker.
 Russell, Harold D., and Haist. 2,675,318.
 Salminen, Ilmari, and Weissberger. 2,694,635.
 Salminen, Ilmari, and Weissberger. 2,694,718.
 Sawdley, George W. 2,685,512.
 Schrader, Robert J., Young, and Berntsen.
 Schubert, Alvin E., and Nivison. 2,682,193.
 Smith, Carl F.
 Smith, Carl F. 2,675,317.
 Smith, James G., and Minsk. 2,691,584.
 Spear, Donald R. 2,685,508.
 Staehle, Henry C., and Martinson. 2,675,315.
 Stanin, Theodore E., and Dickey. 2,697,088.
 Straley, James M., and Harris. 2,675,394.
 Talbot, Ralph H.
 Tucker, William M. 2,678,908.
 Van Lare, Earl, and Brooker. 2,691,652.
 Vittum, Paul W., Weissberger, and Thirtle. 2,675,314.
 Weisler, Leonard.
 Weisler, Leonard, and Dieterle.
 Weller, William R., and Groet. 2,689,793.
 West, William.
 Wiltala, Edwin S., and Kridel. 2,682,464.
 Wiltala, Edwin S., and Kridel. 2,682,465.
 Williams, Robert F., Jr., and Hiatt.
 Wittel, Otto. 2,691,322.
 Wittel, Otto and G. 2,688,389.
 Wilson, Charles V. 2,685,515.
 Wilson, Charles V. 2,685,516.
 Wittel, Otto, and Jungmann. 2,685,415.
 Yackel, Edward C. 2,685,510.
 Yule, John A. C. 2,691,696.
 Yule, John A. C., and Maurer. 2,691,585.
 Yule, John A. C., and Maurer. 2,691,586.
 Young, De Walt S., and Atkins. 2,675,391.
 Young, De Walt S., and Davy.
 Young, De Walt S., and Rodgers.
 Yutzy, Henry C., and Aydlett.
 Yutzy, Henry C., and Yackel. 2,675,313.
- Eastman Oil Well Survey Co.: See—
 Bettis, George B. 2,688,463.
 Gebbe, Ralph W. 2,685,798.
 James, William G. 2,685,431.
 James, William G. 2,694,549.
 Sanders, Eric L. 2,687,282.
- Eastman Pacific Company, assignee: See—
 Dudley, Edward C. 2,674,197.
- Eastmoore, Norman E., Sr. 2,692,071, Cl. 224—42.03.
- Easton, Edward F., to Irons & Russell Co. 2,695,097, Cl. 206—45.21.
- Easton, Irving D. 2,677,632, Cl. 154—49.
- Easton, Rufus: See—
 Rossi, Irving, Easton, and Wilson. 2,674,019.
- East Side Tool & Die Works: See—
 Morand, Donald A. 2,691,543.
- Eastwood, Abraham B., to Tabor Mfg. Co. 2,693,057, Cl. 51—98.
- Eastwood, David S. 2,692,733, Cl. 241—256.
- Eastwood, Sylvander C., to Socony-Vacuum Oil Co., Inc. 2,690,057, Cl. 62—1.
- Easy, Maurice H.: See—
 O'Brien, William J., Bridges, Hendley, Easy, and Vickers. 2,690,559.
- Easy Washing Machine Corp.: See—
 Abrams, Louis V. 2,691,883.
 Douglas, Peyton W. 2,692,681.
 Landwier, William G.
 Landwier, William G. 2,677,464.
 Landwier, William G. 2,683,941.
 Landwier, William G. 2,684,137.
 Landwier, William G. 2,692,682.
 Rauscher, Elbridge F.
 Rogers, John P. 2,692,559.
 Walker, Willard R. 2,692,604.
 Williams, Earl C.
 Williams, Earl C. 2,674,868.
- Eaton, Claude B., and A. B. Jackson, Albuquerque, N. Mex. Garage door opening means. 2,668,980, Feb. 16.
- Eaton, Ernest H.: See—
 Cook, Charles A., and Eaton. 2,690,086.
- Eaton, Gerald, to The Akron Standard Mold Co. 2,692,646, Cl. 164—68.
- Eaton, James E., to the United States of America as represented by the Secretary of the Navy. 2,684,445, Cl. 250—38.68.
- Eaton, John F.: See—
 Davidson, Harvey E., and Eaton. 2,676,788.
- Eaton, Joseph K., assignor to Bloomer Bros. Company. 2,678,590, Cl. 93—53.
- Eaton, Malcolm W., to Minneapolis-Honeywell Regulator Co. 2,695,524, Cl. 74—100.
- Eaton Mfg. Co.: See—
 Blair, Ben H., and Bowen. 2,695,780.
 Gill, Andrew S., Jr. 2,688,388.
 Gill, Andrew S., Jr. 2,692,735.
 Golden, Robert F. 2,685,719.
 Jaeschke, Ralph L. 2,676,280.
 Jaeschke, Ralph L. 2,679,604.
 Jaeschke, Ralph L. 2,682,618.
 Jaeschke, Ralph L. 2,689,920.
 Jaeschke, Ralph L. 2,697,794.
 Lindeman, Edward H.
 Line, Gerald D. 2,682,863.
 Oldberg, Sidney. 2,692,615.
 Oldberg, Sidney, and Turkish.
 Pipes, George R. 2,687,758.
 Pipes, George R. 2,689,770.
 Rossbach, Paul F. 2,678,818.
 Russell, Robert C. 2,679,239.
 Simons, Homer C. 2,678,597.
 Simons, Homer C. 2,683,591.
 Simons, Homer C., and Sedlacek. 2,675,588.
 Turkish, Michael C. 2,694,389.
 Winther, Anthony. 2,692,843.
 Winther, Jerrold B.
 Winther, Jerrold B. 2,693,722.
 Winther, Martin P. 2,685,055.
 Winther, Martin P. 2,693,261.
 Winther, Martin P. 2,697,367.
 Winther, Martin P., and Gill. 2,697,368.
- Eaton, Milton, assignor to The Shawinigan Water and Power Company. 2,676,240, Cl. 219—40.
- Eaton, Warren S. 2,696,154, Cl. 98—2.
- Eaton, William W.: See—
 Woodring, William B., and Eaton.
- Eaton, William W., and H. T. Olson, assignors to Remington Rand Inc. 2,676,514, Cl. 88—24.
- Eaves, William C., Elyria, Ohio. Wrench construction. 2,667,801, Feb. 2.
- Ebauches S. A.: See—
 Haidegger, Hans. 2,697,996.
- Ebaugh, Paul, and L. T. Piekarski, to the United States of America as represented by the Secretary of the Navy. 2,684,726, Cl. 181—0.5.
- Ebel, Friedrich, Mannheim-Feudenheim, assignor to Badische Anilin- & Soda-Fabrik Aktiengesellschaft, Ludwigshafen am Rhine, Germany. Production of ethylene sulfarylamides. 2,666,788, Jan. 19.
- Ebel, Friedrich, W. Rupp, and O. Trauth, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,697,097, Cl. 260—256.4.
- Ebeltoft, William H., San Francisco, Calif., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner and coaxial flame rod assembly. 2,665,749, Jan. 12.
- Eber, Albert W. 2,675,753, Cl. 99—261.
- Eber, Mortimer, W. J. Knochel, and H. E. Gallagher, to Westinghouse Electric Corp. 2,686,958, Cl. 29—179.5.
- Eber, Mortimer, and J. A. Storms, to Westinghouse Electric Corp. 2,691,850, Cl. 49—2.
- Eberbach Corporation, assignee: See—
 Bozolan, Michael. 2,680,012.
- Eberbach & Son Company, assignee: See—
 Overbeck, Reynolds C. 2,677,656.
- Eberhard, Alois, $\frac{1}{2}$ to J. A. Stone. 2,689,761, Cl. 294—31.2.
- Eberhard, Everett assignor to Radio Corporation of America. 2,675,474, Cl. 250—36.
- Eberhard, Everett, to Radio Corp. of America. 2,691,074, Cl. 179—171.
- Eberhard, Everett, and R. O. Endres, to Radio Corp. of America. 2,698,386, Cl. 250—36.
- Eberhardt, Daniel A., St. Louis, Mo. Pallet. 2,673,700, Mar. 30.

- Eberhardt, James E., Webster Groves, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor anti-flooding device. 2,668,696, Feb. 9.
- Eberl, James J., to Johnson & Johnson. 2,683,093, Cl. 106—311.
- Eberl, James J., and W. L. George, to Johnson & Johnson. 2,688,586, Cl. 167—84.
- Eberle, Julian J., to The Journal Co. 2,684,626, Cl. 100—4.
- Eberle, Othmar: *See—*
Landenberger, Eugen, and Eberle. 2,674,416.
- Eberle, William J., and E. B. Dubuisson, said Eberle assignor to I. B. Henson, Jr., Elsa, Tex. Plumber's tool. 2,668,511, Feb. 9.
- Eberly, Harry C., and J. B. Gudikunst, to The Sperry Corp. 2,686,684, Cl. 280—515.
- Ebert, Charles R.: *See—*
Vock, Vernon L., and Ebert. 2,686,447.
- Ebert, Dwight L.: *See—*
Olson, George E., and Ebert. 2,693,882.
- Ebert, Heinrich. 2,687,049, Cl. 74—687.
- Ebert, Howard P.: *See—*
Maurer, Spencer B., and Ebert. 2,677,355.
- Ebert, Louis J. 2,675,048, Cl. 152—412.
- Ebert, Ludwig, assignor to Einson-Freeman Co., Inc. 2,677,469, Cl. 211—73.
- Ebert, Philipp: *See—*
Finsterwalder, Ulrich, and Ebert.
- Eberts, Richard K., J. N. Cosby, and F. Porter, to Allied Chemical & Dye Corp. 2,688,635, Cl. 260—547.
- Ebsworth, Richard H., Laguna Beach, Calif. Power transmission. 2,673,475, Mar. 30.
- Eby, Hugh H., Inc., assignee: *See—*
Ritter, Edwin E. 2,677,116.
- Eby, Lawrence T., assignor to Standard Oil Development Company. 2,680,718, Cl. 252—48.6.
- Eccles, Thomas: *See—*
Fisher, Walter J., and Eccles.
- Echlin, John E., to Echlin Mfg. Co. 2,688,409, Cl. 211—184.
- Echlin Mfg. Co.: *See—*
Echlin, John E. 2,688,409.
- Echols, Leonard S., to Shell Development Co. 2,688,001, Cl. 252—49.9.
- Echols, Robert E., to California Research Corp. 2,697,075, Cl. 252—170.
- Eck, Floyd R., to Motor Products Corp. 2,682,754, Cl. 62—89.
- Eck, Floyd R., to Motor Products Corp. 2,685,178, Cl. 62—115.
- Eck, John C., Convent, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Package containing N-alkyl pyrrolidone-2, composition thereof, and absorbing acetylene thereby. 2,664,997, Jan. 5.
- Eck, John C., to Allied Chemical & Dye Corp. 2,688,531, Cl. 23—151.
- Eck, Joseph, & Sohne: *See—*
Ellermann, Wilhelm. 2,693,348.
- Eckardt, William: *See—*
Davis, James O., and Eckardt. 2,675,254.
- Eckart, De Merle E., and J. R. Rosenleaf. 2,674,747, Cl. 5—90.
- Eckel, John E.: *See—*
Camp, John M., and Eckel. 2,692,116.
Jones, Marvin R., and Eckel. 2,689,139.
- Eckel, Joseph C., assignor to United States Steel Corporation. 2,677,625, Cl. 117—53.
- Eckel, Joseph C., and H. F. Miller, assignors to United States Steel Corporation. 2,677,624, Cl. 117—53.
- Eckel, Oliver C. 2,697,857, Cl. 20—4.
- Ecker, Murry F., to Pacific Pumps, Inc. 2,682,281, Cl. 137—533.13.
- Eckert, Clarence R., and P. S. Bettoli, to The Ruberoid Co. 2,683,096, Cl. 117—70.
- Eckert, George W., Glenham, and T. W. Langer, Buffalo, assignors to The Texas Company, New York, N. Y. Rust preventive grease containing a polyvalent metal sulfonate and a wax oxidation product. 2,671,759, Mar. 9.
- Eckert, John P., Jr.: *See—*
Sims, John C., Jr., and Eckert.
- Eckert, John P., Jr., to Remington Rand, Inc. 2,686,299, Cl. 340—176.
- Eckert, John P., Jr., Gladwyne, and J. W. Mauchly, Ambler, assignors to Eckert-Mauchly Computer Corporation, Philadelphia, Pa. Acoustic delay device. 2,670,459, Feb. 23.
- Eckert, John P., Jr., Gladwyne, and J. W. Mauchly, Ambler, assignors to Eckert-Mauchly Computer Corporation, Philadelphia, Pa. Signal responsive network. 2,673,293, Mar. 23.
- Eckert, John P., Jr., J. C. Sims, Jr., and H. F. Welsh, to Remington Rand Inc. 2,686,100, Cl. 346—33.
- Eckert, John P., Jr., and A. A. Auerbach, to Remington Rand, Inc. 2,687,473, Cl. 250—27.
- Eckert, Lewis W., to Armstrong Cork Co. 2,684,342, Cl. 260—8.
- Eckert-Mauchly Computer Corporation, assignee: *See—*
Eckert, John P., Jr., and Mauchly.
Sims, John C., Jr., and Eckert.
- Eckhardt, George R., to Coats & Clark, Inc. 2,693,108, Cl. 73—95.
- Eckhardt, Homer D.: *See—*
Alderson, Ross C., and Eckhardt. 2,683,004.
- Eckhoff, Robert H., trustee, assignee: *See—*
Danforth, Richard S. 2,674,968.
- Eckl, Louise, to Leonard Doughty. 2,691,784, Cl. 9—21.
- Eckler, Leopold. 2,688,914, Cl. 100—211.
- Eckman, Donald P., Ithaca, N. Y., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Multiple stage fluid relay. 2,666,443, Jan. 19.
- Eckman, Donald P., to Minneapolis-Honeywell Regulator Co. 2,698,023, Cl. 137—86.
- Eckman, Donald P., and J. G. Horn, assignors, by mesne assignments, to Minneapolis-Honeywell Regulator Company. 2,675,819, Cl. 137—86.
- Eckstein, George R., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Shell making process. 2,668,345, Feb. 9.
- Eckstein, George R., Fairfield, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Assembly press. 2,669,898, Feb. 23.
- Economic Machinery Co.: *See—*
Geisler, William. 2,678,151.
Geisler, William. 2,693,671.
- Economy Engineering Company, The, assignee: *See—*
Batchelder, James W.
- Economy Faucet Company, assignee: *See—*
Stelzer, William, and Groves.
- Economy Fuse and Mfg. Co.: *See—*
Laing, Gordon F. 2,688,676.
Laing, Gordon F. 2,688,677.
Laing, Gordon F., and Rensner. 2,694,124.
- Ecusta Paper Corp.: *See—*
Schur, Milton O. 2,682,270.
Schur, Milton O. 2,693,415.
Schur, Milton O., and Levy.
- Eddison, William B., Irvington, N. Y., assignor to Gisholt Machine Company, Madison, Wis. Machine for applying sealing bands to bottles. 2,673,674, Mar. 30.
- Eddy, Wesley L.: *See—*
Bauman, Harold W., and Eddy. 2,686,846.
- Eddy, William R.: *See—*
Lupfer, Dale E., Kleinmann, and Eddy.
- Eddy, William R., to Phillips Petroleum Co. 2,696,083, Cl. 62—1.
- Eddystone Machinery Company, assignee: *See—*
Aulen, Walter E. 2,676,764.
- Edelmann, E., & Co.: *See—*
Edelmann, Robert B. 2,685,196.
- Edelmann, Robert B., to E. Edelmann & Co. 2,685,196, Cl. 73—34.
- Eden, William E.: *See—*
Easley, John A., Eden, and Swayze.
- Eder, Louise J., executrix, assignee: *See—*
Eder, Mathias L.
- Eder, Mathias L., deceased; L. J. Eder, executrix, assignor to L. J. Eder, Canton, Ohio. Ferrous alloys. 2,666,697, Jan. 19.
- Edgar, Albert C., to Wilson & Co., Inc. 2,685,521, Cl. 99—187.
- Edgar Brothers Company, assignee: *See—*
Leek, Thomas G. 2,674,587.
- Edgar, David: *See—*
Linderoth, Lambert S., Houghton, and Edgar. 2,679,699.
- Edgar, David, assignor to United Shoe Machinery Corporation. 2,680,615, Cl. 271—74.
- Edgar, John A.: *See—*
Woods, Harold A., and Edgar. 2,676,149.
- Edgar, Owen B., and B. Jacob, to Imperial Chemical Industries Ltd. 2,683,100, Cl. 117—128.4.
- Edgar, Robert G., assignor to The Pure Oil Company. 2,675,706, Cl. 73—421.
- Edgar, William S. W., Jr., to The Western Union Telegraph Co., 2,690,474, Cl. 178—17.5.
- Edge, Alfred J.: *See—*
Edge, Walter S. and A. J. 2,686,578.
- Edge, Stanley H., assignor to Clayton Dewandre Company Limited, Lincoln, England. Servoassisted operating mechanism. 2,664,707, Jan. 5.
- Edge, Stanley H., Danesgate, Lincoln, assignor to Clayton Dewandre Company Limited, Lincoln, England. Servoassisted operating mechanism. 2,670,604, Mar. 2.
- Edge, Stanley H., and F. L. Beet, assignors to Clayton Dewandre Company Limited, Lincoln, England. Hydraulic reducing valve. 2,667,747, Feb. 2.
- Edge, Stanley H., and H. Jeffery, assignors to Clayton Dewandre Company Limited. 2,680,654, Cl. 303—54.
- Edge, Walter S. and A. J. 2,686,578, Cl. 189—37.
- Edgemond, John W., Jr., Los Altos, assignor to Magna Engineering Corporation, San Francisco, Calif. Dado saw assembly. 2,665,722, Jan. 12.
- Edgemond, John W., Jr., Los Altos, assignor to Magna Engineering Corporation, San Francisco, Calif. Jointer-planer. 2,669,265, Feb. 16.
- Edgerton, Albert K., and M. L. McBrayer. 2,692,972, Cl. 324—61.
- Edgerton, Germeshausen and Grier, Inc., assignee: *See—*
O'Keefe, Bernard J. 2,679,037.
- Eding, Harold J., Palo Alto, and C. I. Glassbrook, Hayward, Calif., assignors to Ethyl Corporation, New York, N. Y. Analysis of nonferrous alloys. 2,665,412, Jan. 5.
- Edison Swan Electric Co. Ltd., The: *See—*
Pocock, Sydney N. 2,682,031.

- Edison, Sylvan M., assignee: *See*—
Bryant, Don W. 2,675,534.
- Edison, Thomas A., Inc.: *See*—
Dietz, John J. 2,685,204.
Klingner, Adolph F., and Balentine.
Logan, William W. 2,677,018.
Logan, William W. 2,690,480.
Schmiedeskamp, Walter.
- Edlen, George G., and H. M. Diambra. 2,694,182, Cl. 333—6.
- Edlen, George G., and H. M. Diambra. 2,694,183, Cl. 333—6.
- Edlo, Inc.: *See*—
Cavalli, Louis W., and Reyna. 2,693,385.
Church, Albert, and Greenlaw. 2,696,401.
Greenlaw, Harold, Cavalli, and Reyna. 2,694,596.
Reyna, Carl A., and Cavalli. 2,696,400.
- Edlund Co., Inc.: *See*—
Edlund, Walter W. 2,685,732.
- Edlund, Walter, to Edlund Co., Inc. 2,685,732, Cl. 30—6.4.
- Edlund, Walter W. 2,675,610, Cl. 30—8.
- Edman, Charles W. 2,688,062, Cl. 200—125.
- Edmonds, Lee O.: *See*—
Hillyer, John C., and Edmonds. 2,692,892.
Himel, Chester M., and Edmonds.
Himel, Chester M., and Edmonds. 2,683,175.
Himel, Chester M., and Edmonds. 2,690,440.
- Edmonds, Richard W. 2,696,645, Cl. 20—52.2.
- Edmonds, Robert W., Lake Mohawk, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Broad band testing. 2,669,691, Feb. 16.
- Edmondson, Benjamin F. 2,677,245, Cl. 62—91.5.
- Edmonds, Alvin M., assignor to The Dow Chemical Company, Midland, Mich. Self-hardening plastic compositions and solid porous bodies prepared therefrom. 2,670,338, Feb. 23.
- Edmonds, Alvin M., assignor to The Dow Chemical Company, Midland, Mich. Self-hardening plastic compositions and porous bodies prepared therefrom. 2,670,339, Feb. 23.
- Edmonds, Edward, Jr.: *See*—
Ribble, Jack M., Fox, and Edmonds. 2,697,652.
- Edmonds, Raymond S., Jr. 2,678,493, Cl. 31—14.
- Edmunds, William H., Havertown, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Assembly of two and three pole circuit breakers. 2,668,206, Feb. 2.
- Edmondson, Zerah F., to Westinghouse Air Brake Co. 2,692,115, Cl. 251—284.
- Edo Corp.: *See*—
Ries, Rudy F., and Ryan. 2,692,740.
- Edson, Alden P., and I. L. Newell assignors to United Aircraft Corporation. 2,674,790, Cl. 29—368.
- Edson, Alden P., and I. L. Newell assignors to United Aircraft Corporation. 2,674,791, Cl. 29—368.
- Edson, James O., to Bell Telephone Laboratories, Inc. 2,682,575, Cl. 179—15.
- Edson, Murray H., assignor to Standard Oil Development Company. 2,676,910, Cl. 196—74.
- Edson, William A., and I. G. Wilson, to Bell Telephone Laboratories, Inc. 2,688,122, Cl. 333—83.
- Educational Toy Institute of New York, assignee: *See*—
Moyer, Kenneth E. 2,680,306.
- Edward, Harry D.: *See*—
Doyle, Frank P., and Edward. 2,685,509.
- Edward Valves, Inc.: *See*—
Crawford, William F. 2,690,004.
MacGregor, David.
MacGregor, David. 2,685,426.
MacGregor, David. 2,694,547.
Pool, Eldert B. 2,688,980.
- Edwards, Alfred B., Jr. 2,687,479, Cl. 20—69.
- Edwards, Andrew W.: *See*—
Wallace, James M., and Edwards. 2,686,854.
- Edwards, Andrew W., to Westinghouse Electric Corp. 2,688,672, Cl. 200—89.
- Edwards, Andrew W., to Westinghouse Electric Corp. 2,698,404, Cl. 317—178.
- Edwards, Andrew W., East McKeesport, and E. F. Beach, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Counting mechanism for line sectionalizers. 2,665,346, Jan. 5.
- Edwards, Arthur H., to Chrysler Corp. 2,687,015, Cl. 60—54.6.
- Edwards, Baden J., and D. M. Johnstone, to Pye Ltd. 2,683,832, Cl. 313—65.
- Edwards, Charles F., assignor to Bell Telephone Laboratories, Incorporated. 2,679,582, Cl. 250—20.
- Edwards, Charles N. 2,674,167, Cl. 95—94.
- Edwards, Charles R., deceased, Houston, Tex., by F. R. Edwards, executrix, Houston, Tex. Pipe releasing method. 2,670,927, Mar. 2.
- Edwards, Clarence M. 2,687,593, Cl. 43—148.
- Edwards Company, Inc., assignee: *See*—
Fish, George E. 2,683,872.
Meleski, Anthony L. 2,683,871.
Russo, James E.
Verkuil, Leo L.
Verkuil, Leo L. 2,684,411.
Verkuil, Leo L., and Russo. 2,698,354.
- Edwards Engineering Corp.: *See*—
Edwards, Joseph N. 2,691,339.
- Edwards, Felix P. 2,682,300, Cl. 158—53.
- Edwards, Frances R., executrix: *See*—
Edwards, Charles R.
- Edwards, Harold G. 2,675,970, Cl. 241—214.
- Edwards, Jack E., to Oil Center Tool Co. 2,685,892, Cl. 137—630.14.
- Edwards, James R., assignor to General Motors Corporation. 2,678,138, Cl. 214—8.5.
- Edwards, James W. 2,690,015, Cl. 33—70.
- Edwards, Joe E., assignee: *See*—
Parks, Asbury S.
- Edwards, John M., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Partial-turn inductor coil. 2,673,922, Mar. 30.
- Edwards, Jonathan. 2,693,565, Cl. 321—10.
- Edwards, Joseph N., to Edwards Engineering Corp. 2,691,339, Cl. 100—170.
- Edwards, Lawrence K., to McDonnell Aircraft Corp. 2,684,217, Cl. 244—135.
- Edwards, Miles L. 2,680,438, Cl. 128—2.06.
- Edwards, Minot R., to Springfield Burner Corp. 2,692,643, Cl. 158—115.
- Edwards, Mitchell, assignor of 20% to T. Craven. 2,673,990, Cl. 5—317.
- Edwards, Paul G.: *See*—
Dickieson, Alton C., Edwards, Robertson, and Wurmser. 2,692,303.
- Edwards, Ray C. 2,696,368, Cl. 257—133.
- Edwards, Robert A., Schenectady, N. Y., assignor to General Electric Company. Calculating device. 2,666,575, Jan. 19.
- Edwards, Ronald W.: *See*—
Harlow, Walter F., and Edwards. 2,675,716.
- Edwards, Russell N., E. E. Goodale, and R. M. Lichtenstein, to General Electric Co. 2,683,804, Cl. 250—27.
- Edwards, W., & Co. (London) Ltd.: *See*—
Power, Basil D., and Latham. 2,696,344.
- Edwards, Wayne E., Des Moines, Iowa. Ladder platform. 2,665,952, Jan. 12.
- Edwards, Wayne W.: *See*—
Miller, John W., and Edwards. 2,695,016.
- Edwards, Wayne W., assignor to Motor Wheel Corporation. 2,678,038, Cl. 126—307.
- Edwards, William A., Jr., to Armstrong Cork Co. 2,695,003, Cl. 118—249.
- Edwards, William E. 2,694,882, Cl. 51—96.
- Edwards, William J.: *See*—
Hale, Arthur N., Koenig, and Edwards.
- Edwardson, John E., Tako, Saskatchewan, Canada. Walking doll action. 2,667,719, Feb. 2.
- Edwin Corporation, The, assignee: *See*—
Insley, Bert T.
- Eeckhout, Roger V., to Proctor Electric Co. 2,686,531, Cl. 137—469.
- Eernst, Gijbertus: *See*—
Van de Poll, Abraham N. J., Geeven, Eernst, and Slui.
- Effinger, Cecil S., Denver, Colo. Music typewriter. 2,672,228, Mar. 16.
- Efford, John T., and W. Tuttle, to Bridgeport Brass Co. 2,691,466, Cl. 222—182.
- Effros, Milton, to Superior Business Machines, Inc. 2,696,885, Cl. 164—112.
- Efurd, Euland A.: *See*—
Efurd, Robert L., Jr., and E. A.
- Efurd, Robert L., Jr. and E. A., Shreveport, La. Adjustable cutter head for bark-removing machines. 2,671,480, Mar. 9.
- Egan, William T., Fanwood, assignor to Colgate-Palmolive Company, Jersey City, N. J. Packaging of materials. 2,671,995, Mar. 16.
- Egan, William T., Fanwood, N. J., R. P. McGhie, New York, F. W. Schneider, Woodhaven, N. Y., and W. W. Sweet, Pompton Plains, N. J., assignors to Colgate-Palmolive Company. Treating collapsible aluminum tube containers. 2,671,997, Mar. 16.
- Egbert, Robert B., Roslyn Heights, assignor to Chempatents, Inc., New York, N. Y. Treatment of gases containing ethylene. 2,671,791, Mar. 9.
- Egbert, Robert B., to Chempatents, Inc. 2,693,474, Cl. 260—348.5.
- Egedal, Lawrence E. 2,696,861, Cl. 146—272.
- Egee, Walter W., Yeadon, assignor to Fletcher Works Incorporated, Philadelphia, Pa. Bobbin drive for winding machines. 2,667,310, Jan. 26.
- Eger, Edward F., to Western Electric Co., Inc. 2,690,733, Cl. 118—503.
- Eger, Karl F.: *See*—
Balthis, David L., and Eger. 2,697,138.
- Eger, Laszlo W., to Permacel Tape Corp. 2,697,084, Cl. 260—27.
- Eger, Oscar A., assignor, by mesne assignments, to Blaw-Knox Company. 2,674,140, Cl. 80—56.
- EGge, Klaus, assignor to United States Steel Corporation. 2,675,261, Cl. 294—67.
- Eggenberger, Markus A., to General Electric Co. 2,681,044, Cl. 121—41.
- Eggensperger, Arlo R.: *See*—
Davidsmeyer, Orville H., and Eggensperger. 2,675,535.
- Egger, Crawford. 2,678,790, Cl. 248—168.
- Eggers, Alfred J., Jr. 2,696,110, Cl. 73—147.
- Eggers, Hans, Berlin-Tempelhof, Germany, assignor to International Standard Electric Corporation, New York, N. Y. Tone wheel to produce frequency-modulated low-frequency oscillations. 2,669,670, Feb. 16.

- Eggert, Herbert A., assignor to O'Connell Controls, Oak Park, Ill. Drape pleat spacer. 2,672,929, Mar. 23.
- Eging, Henry B. 2,688,716, Cl. 317—120.
- Egli, Herman K.: *See*—
Ketchpel, Paul A., and Egli. 2,690,634.
- Egloff, William F., and K. E. Yates, Syracuse, assignors to United States Hoffman Machinery Corporation, New York, N. Y. Purification of fluids by means in a settling tank of magnetic separation. 2,670,847, Mar. 2.
- Egry Limited, assignee: *See*—
Bradley, Basil E. 2,676,800.
- Ehemann, John W.: *See*—
Glass, Marvin I., and Ehemann. 2,697,301.
- Ehler, Herman W., assignor to General Hardware Mfg. Co. Inc. 2,679,100, Cl. 30—337.
- Ehlers, Forrest A.: *See*—
Stanton, George W., and Ehlers. 2,681,328.
Stanton, George W., and Ehlers. 2,681,329.
Stanton, George W., and Ehlers. 2,681,330.
- Ehlers, Harry M.: *See*—
Stanton, George W., and Ehlers. 2,691,849, Cl. 47—41.
- Ehlin, Ben L.: *See*—
Adler, Fred, Ehlin, and Kameny. 2,697,774.
- Ehlinger, Michael F. 2,695,682, Cl. 188—5.
- Ehmann, Leslie G., assignor to Hyster Company. 2,674,387, Cl. 214—653.
- Ehmann, Leslie G., to Hyster Co. 2,681,162, Cl. 214—750.
- Ehrbar, Edward J., assignor to The Radiart Corporation, Cleveland, Ohio. Antenna. 2,672,555, Mar. 16.
- Ehrbar, Edward J., and R. W. Cronshey, assignors to The Radiart Corporation, Cleveland, Ohio. Antenna. 2,666,138, Jan. 12.
- Ehrenberg, Gustave: *See*—
Wannamaker, William H., Jr., and Ehrenberg. 2,694,193.
- Ehrenfried, John F., and J. A. Triche, Jr., assignors, by mesne assignments, to The Goodyear Tire & Rubber Company. 2,679,194, Cl. 93—8.
- Ehrenhaft, Alphons F., to Morse Boulger Destructor Co. 2,684,771, Cl. 214—83.
- Ehrenreich, A., & Cie.: *See*—
Latzen, Josef. 2,695,185.
- Ehrenstein, Maximilian R., to The Trustees of The University of Pennsylvania. 2,686,790, Cl. 260—397.1.
- Ehret, Robert J., to Minneapolis-Honeywell Regulator Co. 2,692,359, Cl. 318—29.
- Ehret, Robert J., to Minneapolis-Honeywell Regulator Co. 2,694,169, Cl. 318—29.
- Ehret, Robert J., Philadelphia, and R. F. Wernlund, Southampton, Pa., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,666,889, Jan. 19.
- Ehret, Robert J., and R. F. Wernlund, to Minneapolis-Honeywell Regulator Co. 2,685,627, Cl. 201—67.
- Ehrhart, Gustav, H. Ruschig, and W. Aumüller, to Farbwerke-Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. 2,681,340, Cl. 260—294.3.
- Ehrhart, Gustav, H. Ruschig, and H. Leditschke, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. 2,695,305, Cl. 260—434.
- Ehrhart, Gustav, H. Ruschig, L. Stein, and W. Aumüller, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. 2,697,095, Cl. 260—239.1.
- Ehring, Heinz, and K. Raichle, to Farbenfabriken Bayer Aktiengesellschaft. 2,695,896, Cl. 260—22.
- Ehrlich, Louis B.: *See*—
Chambers, Herbert I., and Ehrlich. 2,693,881.
- Ehrman, Frederick S., assignor to Bowser, Inc., Fort Wayne, Ind. Filter signal. 2,669,707, Feb. 16.
- Ehrsam, Frederick. 2,674,834, Cl. 51—204.
- Eichelberger, Charles D., to General Electric Co. 2,682,384, Cl. 248—68.
- Eichholz, August G., St. Louis, Mo. Toy watch. 2,667,738, Feb. 2.
- Eichhorn, Hermann H. H., to Jackson & Church Co. 2,685,875, Cl. 126—110.
- Eichhorn, Robert L.: *See*—
Harris, Charles D., Eichhorn, Prosek, and McNamara.
- Eichler, Joseph V. 2,697,329, Cl. 60—52.
- Eichler, Peter: *See*—
Winterbottom, Robert, Eichler, and Pidacks.
- Eichman, Ellis V., to W. B. Eichman. 2,685,713, Cl. 20—16.
- Eichman, Willia B.: *See*—
Eichman, Ellis V. 2,685,713.
- Eichmann, Theophil, Bern, Switzerland, assignor to G. B. Scarlett, Kennett Square, Pa., W. J. Scarlett, administrator of G. B. Scarlett, deceased. Regulating valve. 2,667,898, Feb. 2.
- Eichorst, Herman H. 2,675,862, Cl. 155—169.
- Eickemeyer, Heinz, ½ to A. Langnickel. 2,691,445, Cl. 210—195.
- Eickmann, Olin J., assignor to Carter Carburetor Corporation. 2,675,216, Cl. 261—39.
- Eickmann, Olin J., to Carter Carburetor Corp. 2,681,214, Cl. 261—39.
- Eickmeyer, Earl E., to The Duro Co. 2,694,454, Cl. 169—13.
- Eickmeyer, Earl E., to The Duro Co. 2,694,455, Cl. 169—24.
- Eickstaedt, Edwin A., to Chain Belt Co. 2,687,286, Cl. 259—161.
- Eide, Keith H.: *See*—
Eide, Mathias D. and K. H. 2,677,529.
- Eide, Mathias D. and K. H. 2,677,529, Cl. 256—10.
- Eidenberg, Josef, H. Belosa, and E. Kühn. 2,678,889, Cl. 117—62.
- Eidsness, Lars M., Jr.: *See*—
Darnall, James C., Jr., and Eidsness. 2,690,122.
- Eierman, Jack F., Wauwatosa, Wis. Change dispensing mechanism. 2,664,984, Jan. 5.
- Eigenrauch, Sue J. 2,678,049, Cl. 132—46.
- Eiger, Ida. 2,682,713, Cl. 36—11.
- 8600 Denison Company, assignee: *See*—
Herbster, George B. 2,677,897.
- Eilar, Kendrick R., Minneapolis, Minn., assignor to General Mills, Inc. Surface active agents. 2,668,851, Feb. 9.
- Eilar, Kendrick R., to General Mills, Inc. 2,693,490, Cl. 260—534.
- Eilar, Kendrick R., to General Mills, Inc. 2,695,905, Cl. 260—326.3.
- Eilers, Carl G., Fairbury, Ill., assignor to Zenith Radio Corporation. Subscription television system. 2,673,239, Mar. 23.
- Eilers, Louis H.: *See*—
Cardwell, Paul H., and Eilers. 2,689,230.
- Eilertsen, Aage, R. W. Ingre, A. O. Jørgensen, and J. E. Wikström, to Telefonaktiebolaget L M Ericsson. 2,692,304, Cl. 179—27.54.
- Eimco Corp., The: *See*—
Hendrickson, Donald L., Hackett, and Schwartz. 2,684,162.
- Rosenblatt, Morris S., and Davis. 2,674,217.
- Schwartz, Daniel M. 2,689,660.
- Einerson, Amos M.: *See*—
Friedman, Andrew J., Hamlin, and Einerson. 2,681,726.
- Einhiple, John A., assignor to National Gypsum Company. 2,675,841, Cl. 145—117.
- Einhorn, Harry E., Brooklyn, assignor to Hilton Tool and Machine Co., Bronx, N. Y. Garment bag frame construction. 2,670,854, Mar. 2.
- Einson-Freeman Co., Inc.: *See*—
Ebert, Ludwig. 2,677,469.
- Lyons, Francis M. 2,687,006.
- Eirich, Gustav, assignee: *See*—
Eirich, Wilhelm A., and Reich. 2,677,619.
- Eirich, Wilhelm, assignee: *See*—
Eirich, Wilhelm A., and Reich. 2,677,619.
- Eirich, Wilhelm A., and H. H. F. Reich, assignors to G. and W. Eirich. 2,677,619, Cl. 106—72.
- Eisaman, Leo C.: *See*—
O'Neill, George D., and Eisaman. 2,680,826.
- Eisbin, Walter T. E., Stuttgart-Bad Cannstatt, Germany. Developing apparatus. 2,664,801, Jan. 5.
- Eisberg, Jack J., Kansas City, Mo. Hoist and power unit therefor. 2,670,086, Feb. 23.
- Eisele, Andrew. 2,691,828, Cl. 33—178.
- Eisele, Andrew. 2,697,282, Cl. 33—178.
- Eiseman, Frederick B. 2,679,287, Cl. 155—119.
- Eisen, Howard L., to Glamorene, Inc. 2,697,674, Cl. 134—26.
- Eisen, John B., Waterloo, Wis., assignor to American Viscose Corporation, Wilmington, Del. Textile-finishing compositions, finished articles, and producing them. 2,666,038, Jan. 12.
- Eisen, John B., assignor to Bjorksten Research Laboratories, Inc. 2,679,546, Cl. 136—20.
- Eisen, John B., assignor to Monsanto Chemical Company. 2,680,080, Cl. 117—102.
- Eisenbeiss, John F. 2,690,724, Cl. 112—181.
- Eisenberg, Irwin M., assignor to Westinghouse Air Brake Company. 2,678,852, Cl. 303—18.
- Eisenberg, Joseph P. 2,688,422, Cl. 222—126.
- Eisenburger, Kuno, assignor to M & S Mashinen Und Stahl A. G. 2,678,367, Cl. 219—4.
- Eisengrein, Harry F., and A. C. Adams, assignors to Republic Steel Corporation. 2,677,477, Cl. 216—29.
- Eisenhard, Eli S., and F. Herricht, to Boyertown Burial Casket Co. 2,685,972, Cl. 214—75.
- Eisenhauer, Ida J.: *See*—
Stover, Ancil C. 2,681,812.
- Stover, Ancil C. 2,691,283.
- Eisenhauer, Leigh E.: *See*—
Stover, Ancil C. 2,681,812.
- Stover, Ancil C. 2,691,283.
- Eisenhauer Mfg. Co., The: *See*—
Stover, Ancil C. 2,681,812.
- Stover, Ancil C. 2,691,283.
- Eisenhauer, William W.: *See*—
Stover, Ancil C. 2,681,812.
- Stover, Ancil C. 2,691,283.
- Eisenkramer, Arthur, to Emerson Radio and Phonograph Corp. 2,692,983, Cl. 340—367.
- Eisenlohr, Karl-Heinz: *See*—
Herbert, Wilhelm, Eisenlohr, and Grob. 2,675,412.
- Eisenwinter, Lemuel W.: *See*—
Peck, Henry E. 2,694,911.
- Eisinga, Dirk, assignor to National Steel Construction Co. 2,679,981, Cl. 241—32.5.
- Eisler, Charles. 2,683,331, Cl. 49—22.
- Eisler, Joseph D.: *See*—
Hartline, Ralph E., and Eisler. 2,688,872.
- Eisler, Paul, assignor to Hermoplast Limited, London, England. Manufacturing electrical windings. 2,666,254, Jan. 19.

- Elssmann, Oswald E., Richmond, Va., assignor to American Machine Development Corporation. Apparatus and method for ripping and sorting tobacco leaves. 2,667,174, Jan. 26.
- Eitel-McCullough, Inc.: *See—*
- Drieschman, Donald F. 2,677,781.
- Eitel, William W., McCullough, Sorg, Murdock, and Williams. 2,688,707.
- Eitel, William W., McCullough, Sorg, and Murdock. 2,693,545.
- Eitel, William W., McCullough, Sorg, Murdock, and Williams. 2,697,796.
- Sorg, Harold E. 2,684,452.
- Sorg, Harold E., Williams, and Drieschman. 2,693,546.
- Williams, Paul D. 2,693,431.
- Eitel, William W., J. A. McCullough, H. E. Sorg, C. E. Murdock, and P. D. Williams, to Eitel-McCullough, Inc. 2,688,707, Cl. 313—37.
- Eitel, William W., J. A. McCullough, H. E. Sorg, and C. E. Murdock, to Eitel-McCullough, Inc. 2,693,545, Cl. 313—273.
- Eitel, William W., J. A. McCullough, H. E. Sorg, C. E. Murdock, and P. D. Williams, to Eitel-McCullough, Inc. 2,697,796, Cl. 313—247.
- Ekberg, Gunnar J. E., assignor to Aktiebolaget Broderna Ekbergs Platslagerfabrik. 2,674,294, Cl. 153—61.
- Ekeo Products Co.: *See—*
- Russell, John J., and Headland. 2,687,994.
- Ekelund, Sigvard F. A. 2,676,417, Cl. 34—48.
- Eklund, Harry N.: *See—*
- Lear, William P., and Eklund. 2,695,145.
- Ekman, Lars G., assignor of $\frac{1}{2}$ to Allan Holmquist Aktiebolag. 2,674,180, Cl. 99—403.
- Ekman, Lincoln G.: *See—*
- Kliever, Waldo H., and Ekman.
- Ekman, Olof I. H. 2,696,603, Cl. 340—213.
- Eksergian, Carolus L.: *See—*
- Coombes, Joseph H., and Eksergian.
- Ekstein, Charles, Brooklyn, assignor to Vitro Corporation of America, New York, N. Y. Photocell construction. 2,668,867, Feb. 9.
- Ekstrand & Tholand, Inc.: *See—*
- Brundin, Nils H. 2,694,657.
- Ekstrom-Carlson & Co., assignee: *See—*
- Mann, Theodore C., and Johnson. 2,675,837.
- Ekstrom, Regner A., Jr., Harvey, Ill. Unitary heat exchange and particle collecting apparatus for combustion gases. 2,667,941, Feb. 2.
- Ekwall, Nils R. G. 2,676,000, Cl. 257—245.
- Elam, Daniel W.: *See—*
- Wiles, Quentin T., and Elam. 2,681,901.
- Elam, Jess L., assignor to Builders Ornamental Iron Company. 2,674,293, Cl. 153—32.
- Eland, Robert C. A., assignor to Philco Corporation, Philadelphia, Pa. Low-noise amplifier. 2,673,254, Mar. 23.
- Elarde, Paul F.: *See—*
- Lee, Jonathan S., and Elarde. 2,688,573.
- Elastic Colloid Research Corp.: *See—*
- Cohn, Morris I. 2,697,699.
- Elastic Stop Nut Corp. of America: *See—*
- Brown, Robert R. 2,697,855.
- Fineran, Charles A. 2,690,201.
- Elastic Stop Nut Corporation of America, assignee: *See—*
- Chantler, Samuel W.
- Fineran, Charles A. 2,677,149.
- Elastomer Chemical Corporation, assignee: *See—*
- Schwencke, Edmund H.
- Elberta Crate & Box Co., assignee: *See—*
- Ridge, Guy. 2,675,936.
- Elcon Mfg. Co.: *See—*
- Linn, Jerome S. 2,681,441.
- Elder, Fred G., assignor to The B. F. Goodrich Company. 2,676,391, Cl. 29—148.2.
- Elder, Joe B.: *See—*
- Yonng, Garland C. 2,689,412.
- Elder, William E.: *See—*
- Deardorff, Clinton E., Elder, and Bifano.
- Eldert, Raymond D., Williamsfield, Ill. Baler attachment. 2,672,808, Mar. 23.
- Eldh, Clarence L., Stockton, Calif. Linoleum roll lift. 2,666,595, Jan. 19.
- Eldon Mfg. Co.: *See—*
- Burroughs, Walter L., and Shaw. 2,698,084.
- El Dorado Oil Works: *See—*
- Silverstein, Robert M., Brady, and Brown. 2,686,766.
- Eldred, Earl J., and K. Johnson, Peoria, Ill., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Production of amino hydroxy compounds. 2,673,880, Mar. 30.
- Electraulic Presses Ltd.: *See—*
- Towler, John M., and F. H.
- Towler, John M. and F. H. 2,696,832.
- Electric Auto-Lite Co., The: *See—*
- Burns, Howard C., and Wilson.
- Chambers, Herbert I., and Ehrlich. 2,693,881.
- Lewis, George W. 2,684,139.
- Schneider, William G., and Middleton. 2,688,055.
- Vasold, Leo L.
- Electric Boat Company, assignee: *See—*
- Sherman, Kenneth C.
- Electric Construction Company Limited, assignee: *See—*
- Milne, John C.
- Milne, John C. 2,675,492.
- Electric Controller & Mfg. Co., The: *See—*
- Schurr, Charles A. 2,687,497.
- Schurr, Charles A. 2,687,505.
- Electric Eye Equipment Company, assignee: *See—*
- Frommer, Joseph C. 2,676,298.
- Electric Furnace Co., The: *See—*
- Vaughan, Arthur H. 2,693,353.
- Electric Game Co., The: *See—*
- Kitovich, Estelle F. 2,698,181.
- Electric Machinery Manufacturing Company, assignee: *See—*
- Ferguson, John S.
- Electric & Musical Industries Ltd.: *See—*
- Bayford, Leslie J. C., and Seats. 2,681,293.
- Blumlein, Alan D. 2,692,334.
- Brewer, Leslie H., Stanley, and Puleston. 2,684,306.
- Broadway, Leonard F.
- Collard, John. 2,675,524.
- Harker, Maurice G., Smith, and Stillwell. 2,675,469.
- Harrison, Henry M., and Driscoll. 2,690,340.
- Hart, Geoffrey W.
- James, Ivanhoe J. P.
- Keen, Arthur W. 2,689,914.
- Leyton, Eric M. 2,681,437.
- Newton, George C. 2,675,462.
- Newton, George C. 2,680,999.
- Rae, Alexander J.
- Rey, Thomas J. 2,683,819.
- Soby, William. 2,689,214.
- Spencer, Rolf E. 2,681,181.
- Twivey, Derrick. 2,681,403.
- White, Eric L. C. 2,679,002.
- White, Eric L. C., and Blumlein. 2,688,077.
- Electric Sorting Machine Co.: *See—*
- Cox, David C. 2,690,258.
- Electric Specialty Company, assignee: *See—*
- Pitman, Arnold C. 2,674,710.
- Electric Sprayit Company, The, assignee: *See—*
- Ditch, Franklin D.
- Electric Steel Foundry Co.: *See—*
- Smith, Dan L. 2,681,485.
- Electric Storage Battery Co., The: *See—*
- Duddy, Joseph C. 2,676,929.
- Smyth, John R. 2,686,213.
- Stoertz, Howard. 2,678,340.
- Stoertz, Howard. 2,678,341.
- Strauss, Howard J. 2,692,904.
- Strohlein, Elmer M., and Albert. 2,678,344.
- Wallace, Curtis C. 2,692,907.
- Electrical Engineering and Manufacturing Corporation, assignee: *See—*
- Cole, Raymond S. 2,675,098.
- Gindroz, Frank H.
- Electriccooker, Inc., assignee: *See—*
- Emerson, Cherry L., Jr., and Cuming.
- Electrofilm Corp.: *See—*
- Hall, Ralph D. 2,679,569.
- Silversher, Herman I. 2,683,673.
- Electrographic Corporation, assignee: *See—*
- Bungav, George W. 2,679,695.
- Electro-Hydraulics Ltd.: *See—*
- Caldwell, Harry B. 2,685,275.
- Caldwell, Harry B., and Hancock. 2,687,857.
- Neilson, Christopher B. V., and Hoare.
- Perdue, Jack. 2,679,827.
- Perdue, Jack. 2,690,887.
- Sage, James H. 2,690,767.
- Electrol Inc.: *See—*
- Ashton, Benjamin N.
- Ashton, Benjamin N., and Barkow.
- Ashton, Benjamin N., Barkow, and Frain.
- Ashton, Benjamin N., and Frain. 2,691,990.
- Electroline Company, assignee: *See—*
- Berndt, Arthur A.
- Electrolux Corp.: *See—*
- Beede, Arnold H.
- Lampe, Robert C. 2,676,669.
- Lampe, Robert C. 2,682,317.
- Lampe, Robert C. 2,683,501.
- Wahlberg, Eric C. 2,692,345.
- Electrom, assignee: *See—*
- Vintenon, André L. 2,680,202.
- Electromagnets Ltd.: *See—*
- Box, William E., Claridge, and Turnock. 2,690,263.
- Box, William E., Claridge, and Turnock. 2,693,279.
- Electro-Mechanical Instrument Company, The, assignee: *See—*
- Pfeffer, William E.
- Electronic Medical Foundation, assignee: *See—*
- Hart, Fred J.
- Electronics Corp. of America: *See—*
- Anderson, Norman C. 2,692,574.
- Thomson, Elihu C. 2,692,962.
- Electro-Physical Laboratories, Inc., assignee: *See—*
- Traugott, Paul.
- Electro-Snap Switch & Mfg. Co.: *See—*
- Roesser, John O. 2,684,401.
- Se Bastian, Ford. 2,680,019.
- Electro Tec Corp.: *See—*
- Pandapas, George J. 2,696,570.

- Electro-Therm, Incorporated, assignee: *See*—
Thomas, Cromwell E.
- Electro Voice, Inc.: *See*—
Tomcik, Daniel J. 2,679,001.
Tomcik, Daniel J. 2,692,976.
Wiggins, Alpha M. 2,695,517.
- Elektrokemisk A/S: *See*—
Clegg, Robert S., and Macpherson. 2,689,143.
Collin, Fredrik C. 2,694,097.
Ellefsen, Tønnes. 2,686,961.
Foy, Kjeld.
Hübert, Björn.
Johansson, Folke C. E., and Tiberg.
Waddington, John, and Clegg. 2,680,141.
- Elerding, Claude B. 2,684,169, Cl. 217—60.
- Elfes, Donald B.: *See*—
Gordon, Dwight M., and Elfes. 2,694,559.
- Elfvig, Thore M., San Mateo, Calif., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Refrigerator car with fan and brine circulating system. 2,668,421, Feb. 9.
- Elgin National Watch Co.: *See*—
Boswell, Thomas L. 2,683,184.
Favret, Maxime. 2,698,066.
Harder, Oscar E., and Roberts. 2,678,894.
- Elikann, Gerald A. 2,675,144, Cl. 222—5.
- Elins, Herbert S., and J. W. Gates, Jr., to Eastman Kodak Co. 2,688,610, Cl. 260—117.
- Eliot, Gertrude B.: *See*—
Hitchings, George H., and Eliot. 2,691,654.
Hitchings, George H., and Eliot. 2,697,709.
- Eliot, Herbert A., to The M. W. Kellogg Co. 2,690,511, Cl. 250—205.
- Eliot, Samuel, Newton, Mass. Engine. 2,664,865, Jan. 5.
- Eliot, Theodore Q.: *See*—
Weaver, Joe C., Jr., Eliot, and Goddin. 2,684,934.
- Eljer Co.: *See*—
Holycross, Frank R., Jr., and Gulick. 2,689,959.
- El-Ka Elektrisk Apparatfabrik: *See*—
Johansen, Olav A. 2,687,460.
- Elkins, Frank S.: *See*—
Paxton, Homer W., and Elkins. 2,674,547.
- Elkins, Lincoln F., to Continental Oil Co. 2,688,868, Cl. 73—33.
- Elkins, Lloyd E., R. P. Vincent and H. Schaefer, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Apparatus for pumping wells. 2,669,936, Feb. 23.
- Elkins, William R. 2,681,509, Cl. 33—121.
- Ellamac Incorporated, assignee: *See*—
MacChesney, Chester M. 2,677,200.
- Ellas, Richard G., assignee: *See*—
Salvatora, Joseph L.
- Ellecock, Arthur W., Barnt Green, near Birmingham, assignor to The Austin Motor Company Limited, Northfield, Birmingham, England. Hydromechanical braking system for road vehicles. 2,670,057, Feb. 23.
- Ellefsen, Tønnes, to Elektrokemisk A/S. 2,686,961, Cl. 29—428.
- Elleman, Albert J., London, England, assignor to Imperial Chemical Industries Limited. Electric resistance welding process. 2,666,835, Jan. 19.
- Ellen, Clara M.: *See*—
Ellen, Verner G. 2,695,702.
- Ellen, Donald F.: *See*—
Ellen, Verner G. 2,695,702.
- Ellen, Verner G., by decree of distribution to C. M. Ellen for the term of her natural life, with remainder after her death to D. F. Ellen, G. Tanigawa, and V. C. Winters. 2,695,702, Cl. 198—208.
- Ellenberger, Kenneth E., $\frac{1}{2}$ to F. Walton. 2,693,958, Cl. 272—33.
- Ellerbeck, Grant C., San Leandro, Calif., assignor to Friden Calculating Machine Co., Inc. Plural totalizer adding machine. 2,668,660, Feb. 9.
- Ellerbeck, Thomas R., Salt Lake City, Utah. Calcining and calcining apparatus. 2,667,342, Jan. 26.
- Ellerman, Harry E., Jr.: *See*—
Morris, John A., and Ellerman. 2,679,163.
Warren, Ronald G., Kowalshyn, Radkowski, and Ellerman.
- Ellermann, Wilhelm, to Joseph Eck & Sohne. 2,693,348, Cl. 259—41.
- Ellers, Fred J., assignee: *See*—
Vanderpoel, Albert G. 2,676,577.
- Ellett, Alec S. J.: *See*—
Zozulin, Igor V., Okulitch, Volkoff, Okulitch, and Ellett. 2,680,203.
- Ellett, D. Maxwell, and W. E. Baker, to the United States of America as represented by the United States Atomic Energy Commission. 2,686,427, Cl. 73—67.
- Ellilä, Karl L. 2,697,520, Cl. 210—130.
- Ellin, Fredrick I., assignor to D. T. Siegel. 2,675,453, Cl. 219—4.
- Elling, William E., Metuchen, N. J., assignor to Continental Copper & Steel Industries, Inc., New York, N. Y. Translating and tilting davit. 2,667,649, Feb. 2.
- Ellinger, Leo P., to The British Oxygen Co. Ltd. 2,683,750, Cl. 260—616.
- Ellingson, La Verne O., Monrovia, Calif. Automobile boat loading and carrying attachment. 2,670,113, Feb. 23.
- Elliot, William H., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Unbalanced primary motor control system. 2,665,404, Jan. 5.
- Elliot, William H., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Phase-shift circuits. 2,665,407, Jan. 5.
- Elliot, William H. 2,681,170, Cl. 222—335.
- Elliot, William H. 2,694,507, Cl. 222—92.
- Elliott, Albert G., Quarndon, assignor to Rotol Limited, Gloucester, England. Antiicing and intake means for turbine-propeller units. 2,668,596, Feb. 9.
- Elliott, Albert G., to Rotol Ltd. 2,681,191, Cl. 244—134.
- Elliott Brothers (London) Limited, assignee: *See*—
Cochrane, Charles A., and Whitehead. 2,677,056.
Olah, George, and Smith.
- Elliott, Charles G., assignor to Armstrong Cork Company, Lancaster, Pa. Alkyd resin linoleum cement. 2,670,782, Mar. 2.
- Elliott Co.: *See*—
Baker, Virgil H.
Baker, Virgil H. 2,679,061.
Land, Malcolm L., and Brust. 2,695,767.
Spencer, Millard C. 2,676,292.
- Elliott, Ethel B. 2,675,553, Cl. 2—73.
- Elliott, Eugene W., and R. S. Shumard, to Monsanto Chemical Co. 2,695,881, Cl. 252—107.
- Elliott, Fred I., $\frac{1}{2}$ to C. S. Marden. 2,690,541, Cl. 339—26.
- Elliott, George, Rochester, N. Y., assignor to Stromberg-Carlson Company. Telecommunication system. 2,670,406, Feb. 23.
- Elliott, Gordon R.: *See*—
Harrington, Ferris T., Martin, Elliott, and Haisen. 2,693,824.
- Elliott, H. J., Ltd.: *See*—
Broad, Walter A. 2,691,892.
- Elliott, Harold E.: *See*—
Barton, George C., and Elliott. 2,680,863.
- Elliott, Harold V., to General Motors Corp. 2,682,570, Cl. 174—153.
- Elliott, Harold V., to General Motors Corp. 2,684,098, Cl. 151—35.
- Elliott, Harold V., and A. G. Lautzenhisser, to General Motors Corp. 2,690,483, Cl. 200—61.35.
- Elliott, Howard A.: *See*—
Simpkins, Robert L., Materka, and Elliott.
- Elliott, Howard A., C. H. Kain, J. Materka, and A. J. Taormina, to Essex Wire Corp. 2,697,820, Cl. 339—256.
- Elliott, Howard G., to Mergenthaler Linotype Co. 2,693,272, Cl. 199—53.
- Elliott, Howard R., Long Beach, Calif. Nut holder with resilient legs. 2,664,771, Jan. 5.
- Elliott, John S.: *See*—
Evans, Elliott A., and Elliott. 2,692,858.
- Elliott, John S., to C. C. Wakefield & Co. Ltd. 2,691,000, Cl. 252—48.6.
- Elliott Knitting Mills, Inc., assignee: *See*—
Bryant, Marvin R.
- Elliott, Lee. 2,692,311, Cl. 200—61.44.
- Elliott, Morris R.: *See*—
Burrus, Robert E., Elliott, and Turner. 2,697,491.
- Elliott, Morris R., and G. L. Turner, assignors to Clark Equipment Company, Buchanan, Mich. Powered hand lift truck drive unit and wheeled platform attachment thereto. 2,671,520, Mar. 9.
- Elliott, Morris R., and G. L. Turner, to Clark Equipment Co. 2,693,290, Cl. 214—674.
- Elliott, Orrin M., assignor to Sun Oil Company. 2,674,562, Cl. 196—4.
- Elliott, Ralph J. 2,692,423, Cl. 29—155.58.
- Elliott, Thomas A., R. L. Allen, and B. W. Carmichael, assignors to Georgia Tech Research Institute. 2,674,374, Cl. 209—136.
- Elliott, William R.: *See*—
Conder, Christopher F., and Elliott. 2,696,694.
- Elliott Bay Mill Co.: *See*—
Miller, William J., and Johnson. 2,692,625.
Miller, William J., and Johnson. 2,695,044.
- Ellis, Charles A., assignor to American Optical Company. 2,678,159, Cl. 233—2.
- Ellis, Charles A., assignor to American Optical Company. 2,678,585, Cl. 88—47.
- Ellis, Charles A., to American Optical Co. 2,683,392, Cl. 88—56.
- Ellis, Charles A., to American Optical Co. 2,685,153, Cl. 51—89.
- Ellis, Charles A., to American Optical Co. 2,695,475, Cl. 49—45.
- Ellis, Charles A., and M. R. Thorburn, assignors to American Optical Company. 2,675,738, Cl. 88—56.
- Ellis, Charles E. 2,675,494, Cl. 310—166.
- Ellis, Charles H., Decatur, Ga. Liquid controlling attachment for wet rollers. 2,669,927, Feb. 23.
- Ellis, Delbert, to Westinghouse Electric Corp. 2,691,711, Cl. 200—144.
- Ellis Drier Co., The, assignee: *See*—
Ellis, Hubert C. 2,678,063.
- Ellis, Edward J., Bartow, Fla., assignor to The Davison Chemical Corporation, Baltimore, Md. Liquid-solids interface indicator. 2,664,747, Jan. 5.
- Ellis, Eugene D., to International Minerals & Chemical Corp. 2,687,961, Cl. 99—107.

- Ellis Foster Co.: *See*—
 Hammer, Irving P., and Rust. 2,696,448.
 Hessel, Frederick A., and Canfield. 2,681,893.
 Rust, John B.
 Rust, John B. 2,689,860.
 Rust, John B. 2,698,314.
 Rust, John B., and Canfield.
 Rust, John B., and MacKenzie. 2,698,334.
 Rust, John B., and Spialter. 2,689,166.
- Ellis, George L. 2,675,836, Cl. 143—174.
 Ellis, Grenville B., to the United States of America as represented by the Secretary of the Army. 2,684,992, Cl. 136—175.
 Ellis, Harvey W., and E. J. Hamiter. 2,690,144, Cl. 109—59.
 Ellis, Hubert C., assignor to The Ellis Drier Co. 2,678,063, Cl. 137—631.
 Ellis, Hugh S., to Power Jets (Research and Development) Ltd. 2,687,010, Cl. 60—39.65.
 Ellis, John D. 2,696,395, Cl. 285—120.
 Ellis, Lacoste G.: *See*—
 Bazzoni, Charles B., and Ellis. 2,675,882.
- Ellis, Lockwood B., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Hydraulic lash adjuster. 2,665,669, Jan. 12.
 Ellis, Riley E., Griffin, and J. A. Ashkouti, Atlanta, Ga. Cotton harvester. 2,667,023, Jan. 26.
 Ellis, John R. B.: *See*—
 Lavender, Harrison M., Jr., and Ellis. 2,679,535.
- Ellis, Riley E., to Southern Farm Implement Corp. 2,682,141, Cl. 56—29.
 Ellis, Robert M., assignor, by mesne assignments, to American Machine & Foundry Company. 2,680,023, Cl. 273—82.
 Ellis, Robert S., to S. D. Warren Co. 2,696,151, Cl. 92—68.
 Ellis, William H., Lovelaceville, Ky. Method and apparatus for drilling wells. 2,665,886, Jan. 12.
- Ellison Bronze Co., Inc.: *See*—
 Hanssen, Petter M. 2,680,263.
 Hanssen, Petter M. 2,694,476.
- Ellison, John A. T. 2,681,960, Cl. 200—87.
 Ellison, John A. T., $\frac{1}{2}$ to J. Weidum and $\frac{1}{2}$ to J. V. Clemans. 2,687,721, Cl. 128—138.
 Ellison, John M., R. J. Moore, and R. J. Pease, to Northrop Aircraft, Inc. 2,693,922, Cl. 244—123.
 Ellison, Philip A., Pinetown, Natal, Union of South Africa. Improvement in or relating to rules, more particularly ruling lines on paper. 2,666,991, Jan. 26.
 Ellison, Samuel H., Washington, D. C., assignor of one-half to H. E. Mitschele, Chicago, Ill. Coin operated dispensing pump control. 2,664,983, Jan. 5.
- Ellithorpe, Gilbert S., assignor to Carter Parts Company, Chicago, Ill. Sliding contactor switch construction. 2,666,101, Jan. 12.
 Ellithorpe, Gilbert S. 2,692,309, Cl. 200—3.
 Ellswood, Harry W. 2,685,397, Cl. 229—4.5.
 Ellsworth, Carl E., Louisville, Ky., assignor, by mesne assignments, to National Cylinder Gas Company, Chicago, Ill. System for controlling oscillator grid current. 2,666,129, Jan. 12.
 Ellwood, Walter B., to Bell Telephone Laboratories, Inc. 2,696,543, Cl. 200—144.
- Ellwood, William P.: *See*—
 Stover, Ancil C. 2,681,812.
 Stover, Ancil C. 2,691,283.
- Elly, Joyce: *See*—
 Haward, Robert N., and Elly.
- Elm, Laurence G.: *See*—
 Skogstad, George, Elm, and Fuller.
- Elman, Isadore, assignee: *See*—
 Remstein, William. 2,680,267.
- Elman, Isadore J., Cazenovia, N. Y. Waistband construction. 2,667,643, Feb. 2.
 Elmen, Gustaf W. 2,682,021, Cl. 317—227.
 Elmendorf, Armin. 2,693,894, Cl. 217—17.
 Elmendorf, Armin. 2,693,895, Cl. 217—17.
 Elmendorf, Armin. 2,697,677, Cl. 154—45.9.
 Elmer, Arthur E. 2,693,242, Cl. 170—160.16.
- Elmer, William B., assignor to Wheeler Reflector Company, Boston, Mass. Multiple street lighting fixture having an adjustable socket support. 2,673,287, Mar. 23.
 Elmer, William B., to Wheeler Reflector Co. 2,690,505, Cl. 240—146.
 Elmer, William B., to Wheeler Reflector Co. 2,696,357, Cl. 248—221.
 Elminger, Karl W., to Aktiebolaget Johnson & Borsell. 2,697,899, Cl. 51—217.
- Elmlund, Hugo: *See*—
 Arvidsson, Algot, Elmlund, and Sonesson.
- Elofson, Harry, East Grand Forks, Minn. Stalk and straw disintegrating and scattering device. 2,670,775, Mar. 2.
- Eloranta, Vaito K.: *See*—
 Casselman, Robert C., and Eloranta. 2,697,961.
- Eloranta, Vaito K., Boston, assignor to Polaroid Corporation, Cambridge, Mass. Ophthalmic mounting. 2,671,379, Mar. 9.
- Elowson, Sten, and G. M. Campanella, to Rockwell Mfg. Co. 2,697,242, Cl. 15—250.
- Elsaesser, Frank S. 2,692,628, Cl. 146—40.
- Elsasser, George J., assignee: *See*—
 Gassaway, Benjamin F. 2,674,064.
- Elsenheimer, Charles W., assignor to The Charles Parker Company, Meriden, Conn. Vise with quick-setting slide. 2,672,776, Mar. 23.
- Elsmann, James L., to Kalamazoo Vegetable Parchment Co. 2,692,723, Cl. 229—87.
- Elsner, Edwin C., Glendale, Calif. Adjustable support device for litters and the like. 2,665,431, Jan. 12.
- Elsworth, John V., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,665,173, Jan. 5.
- Eltenton, George C.: *See*—
 Smith, Vigo, and Eltenton. 2,674,696.
- Eltinge, Marshall, Salt Lake City, Utah. Book sterilizing machine. 2,667,672, Feb. 2.
- Elton, Merwin B.: *See*—
 Rorden, Harold L., Scarborough, and Elton. 2,677,817.
- Elwell, Henry G., Jr., to Bendix Aviation Corp. 2,698,408, Cl. 318—30.
- Elwell-Parker Electric Company, The, assignee: *See*—
 Abbe, Edward J.
 Abbe, Edward J. 2,676,573.
- Elwert, Otto: *See*—
 Schnürle, Adolf, and Elwert. 2,681,050.
- Ely, Charles J., assignee: *See*—
 Torr, David.
 Torr, David. 2,676,168.
- Ely, Wilbur T., Tacoma, Wash. Necktie spreader. 2,667,642, Feb. 2.
- Emanuel, Vincent, to Grant Oil Tool Co. 2,693,239, Cl. 166—173.
- Emanuel, Walter A., K. O. Sweeney, and J. F. Mahoney, Anaconda, Mont., assignors to Anaconda Copper Mining Company, New York, N. Y. Production of electrolytic zinc. 2,673,180, Mar. 23.
- Embree, Norris D., and H. M. Kascher, to Eastman Kodak Co. 2,686,751, Cl. 167—81.
- Emco Inc.: *See*—
 Graves, Virgil L. 2,698,117.
- Emerick, John L.: *See*—
 Leisy, Clifford J., Emerick, and Jenkins. 2,693,931.
- Emerling, Charles G.: *See*—
 Lowther, Noel E. 2,688,887.
- Emerol Manufacturing Co., Inc., assignee: *See*—
 Pierce, Clayton B.
- Emerson, Carl A. 2,691,933, Cl. 97—220.
- Emerson, Cherry L., Jr., Newton Highlands, and W. R. Cuming, Boston, assignors to Electricooker, Inc., Newburyport, Mass. Roasting nuts and the like. 2,670,292, Feb. 23.
- Emerson Electric Mfg. Co., The: *See*—
 Ammann, Bernard W., and Young. 2,698,033.
 Schwarz, Robert M.
- Emerson, Elizabeth K.: *See*—
 Emerson, Walter H. 2,691,937.
- Emerson, John H. 2,688,959, Cl. 128—1.
- Emerson, John R., to Borg-Warner Corp. 2,689,527, Cl. 103—38.
- Emerson Radio and Phonograph Corp.: *See*—
 Eisenkramer, Arthur. 2,692,983.
- Emerson, Reginald S., assignor to D. Napier & Son Limited, London, England. Flexible pressure-responsive diaphragm. 2,667,183, Jan. 26.
- Emerson, Walter H., deceased (E. K. Emerson, executrix), to The Homer Laughlin China Co. 2,691,937, Cl. 101—44.
- Emerson, William S.: *See*—
 Patrick, Tracy M., Jr., and Emerson. 2,692,883.
- Emerson, William S., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. (Haloacetyl)-thianaphthenes. 2,673,856, Mar. 30.
- Emerson, William S., and R. A. Heimsch, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Herbicidal method. 2,665,203, Jan. 5.
- Emerson, William S., and T. M. Patrick, Jr., Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Thiophene derivatives. 2,667,494, Jan. 26.
- Emerson, William S., R. I. Longley, Jr., and T. C. Shafer, assignors to Monsanto Chemical Company. 2,680,118, Cl. 260—343.5.
- Emerson, William S., and R. A. Heimsch, to Monsanto Chemical Co. 2,683,745, Cl. 260—575.
- Emerson, William S., and R. A. Heimsch, to Monsanto Chemical Co. 2,687,391, Cl. 260—31.8.
- Emerson, William S., and R. A. Heimsch, to Monsanto Chemical Co. 2,687,392, Cl. 260—31.8.
- Emerson, William S., and R. A. Heimsch, to Monsanto Chemical Co. 2,689,864, Cl. 260—470.
- Emerson, William S., and R. A. Heimsch, to Monsanto Chemical Co. 2,695,311, Cl. 260—523.
- Emert, Oskar, P. von der Forst, and H. Zirngibl, assignors to Duisburger Kupferhütte. 2,676,096, Cl. 75—71.
- Emery Carpenter Container Company, assignee: *See*—
 Carlson, Robert C. 2,678,764.
- Emery Industries, Inc.: *See*—
 Goebel, Charles G. 2,678,324.
 Shields, William H., and Piepmeyer. 2,695,250.
- Emery, Neville R., to Ajax-Consolidated Co. 2,687,655, Cl. 74—505.
- Emery, William M. 2,675,693, Cl. 70—272.

Emhart Mfg. Co.: *See*—

Cannon, Madison M., Jr. 2,679,324.
 Currihan, John F. 2,685,993.
 Currihan, John F. 2,689,636.
 Dahms, Arthur J. 2,698,166.
 Freeman, Raymond A. 2,682,179.
 Freeman, Raymond A., and Gouse. 2,685,948.
 Holstebro, Kaye. 2,684,147.
 Holstebro, Kaye R., and Wimmer.
 Honiss, William T. 2,678,518.
 Honiss, William T. 2,678,519.
 Lorenz, Edward H., and Waugh. 2,681,161.
 Kulig, Constantine W.
 Merrill, Donald G.
 Peiler, Karl E. 2,680,937.
 Peiler, Karl E. 2,681,530.
 Rowe, George E.
 Wimmer, Ludwig, and Ardell. 2,686,623.
 Worrest, Ralph N. 2,677,919.
 Emig, Fred J., and M. J. Muth, Chicago, Ill., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Abrasion resistant wire enamels. 2,668,157, Feb. 2.
 Emig, John W., to Armstrong Cork Co. 2,691,796, Cl. 18—4.
 Emigh, Harry F. 2,679,577, Cl. 240—10.63.
 Emilian, Albert L., to I. Q. Baseball Machine Corp. 2,690,169, Cl. 124—7.
 Emmer, Charles E., assignor to General Binding Corporation. 2,676,360, Cl. 18—56.
 Emmer, Charles E., assignor to General Binding Corporation. 2,676,659, Cl. 164—91.
 Emmert, Clayton F., assignor to Automatic Washer Company, Newton, Iowa. Control mechanism for spin-dry washing machines. 2,668,432, Feb. 9.
 Emmet, Jean R. 2,685,879, Cl. 128—287.
 Emmett, Robert A., Jr., and W. H. Petering, to Detrex Corp. 2,685,564, Cl. 204—145.
 Emmons, Almon D.: *See*—
 Paulsen, Paul L., and Emmons. 2,681,520.
 Emmons Loom Harness Company, assignee: *See*—
 Leveque, Bernard T.
 Emmons, Roy D. 2,676,758, Cl. 237—9.
 Emmons, Willard O.: *See*—
 Schutt, Arthur J., Emmons, and O'Brien. 2,691,991.
 Emmons, William J., Alameda, and B. S. Gallagher, Piedmont, assignors to Salter Machine Company, Oakland, Calif. Dispensing apparatus. 2,673,006, Mar. 23.
 Emmons, William J., Alameda, and B. S. Gallagher, Piedmont, assignors to Salter Machine Company, Oakland, Calif. Dispensing and measuring apparatus adapted to handle hygroscopic granular materials and actuated by the container being filled. 2,673,017, Mar. 23.
 Emms, Sydney A. G., and B. S. Pelton, to The General Electric Co. Ltd. 2,695,376, Cl. 317—5.
 Emond, Robert E., and F. G. Moffat, to Standard Oil Development Co. 2,690,965, Cl. 71—2.3.
 Empie, Robert P. 2,697,902, Cl. 54—71.
 Empire Box Corp.: *See*—
 Kowal, Michael H. 2,692,700.
 Empire Shades, Incorporated, assignee: *See*—
 Priester, Edwin W. 2,677,756.
 Empress Novelty Company, assignee: *See*—
 Learnard, Hiram C. 2,679,711.
 Emrick, Harold W.: *See*—
 Goulding, Albert, Jr., Bond, Emrick, and Krosse. 2,689,372.
 Emrick, Robert G. 2,689,741, Cl. 279—82.
 Emsco Mfg. Co.: *See*—
 Ashton, Albert A.
 Ashton, Albert A. 2,678,609.
 Hanes, Vaughn D.
 Tremolada, Guglielmo R.
 Tremolada, Guglielmo R. 2,692,152.
 Tremolada, Guglielmo R. 2,693,373.
 Emshwiller, Bertha J., administratrix, assignee: *See*—
 Emshwiller, John P. 2,675,680.
 Emshwiller, John P., deceased, by B. J. Emshwiller, administratrix, assignor to B. J. Emshwiller. 2,675,680, Cl. 61—46.
 Emslie, Alfred G.: *See*—
 Cunningham, Frederic, Jr., and Emslie.
 Emslie, Alfred G., to the United States of America as represented by the Secretary of the Navy. 2,697,169, Cl. 250—27.
 Emulsol Corp., The: *See*—
 Harris, Benjamin R. 2,678,316.
 Joffe, Morris H. 2,689,797.
 Enabnit, Robert S., to The Goodyear Tire & Rubber Co. 2,682,638, Cl. 324—140.
 Endo Products, Inc.: *See*—
 Schlesinger, Albert, Weiner, and Gordon.
 Schlesinger, Albert, Weiner, and Gordon. 2,683,720.
 Endres, Richard O.: *See*—
 Eberhard, Everett, and Endres. 2,698,386.
 Endres, Richard O., Audubon, N. J., assignor to Radio Corporation of America. Semiconductor relaxation oscillator. 2,666,139, Jan. 12.
 Endres, Richard O., to Radio Corp. of America. 2,696,739, Cl. 73—362.
 Endter, Paul O.: *See*—
 Hemmerich, Hugo, Sheeler, and Endter. 2,675,703.
 Endter, Waldemar A. 2,689,759, Cl. 292—219.

Enfer, Pierre V., Paris, M. Jaspert, Denain, Nord, and R. J. Wellard, assignors to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, Paris, France. Manufacturing air-cooled finned engine cylinders. 2,672,666, Mar. 23.
 Engel, Carl E.: *See*—
 Harris, Sidney E., and Engel.
 Engel, Flesco B., assignor to Joy Manufacturing Company. 2,676,717 Cl. 214—132.
 Engel, John P., Miller Place, assignor to Sapolin Paints, Inc., New York, N. Y. Disposal of fumes by scrubbing and burning. 2,666,494, Jan. 19.
 Engel, Morris, J. H. Gerrish, and C. E. Woodruff. 2,690,666, Cl. 70—456.
 Engel, Willem F., and H. Hoog. 2,690,433, Cl. 252—470.
 Engel, Willem F., and H. Hoog, to Shell Development Co. 2,697,683, Cl. 196—28.
 Engel, Willy, assignor of one-half to L. Teichmann, Geneva, Switzerland. Centrifugal floor washing machine. 2,667,652, Feb. 2.
 Engelage, Gunter: *See*—
 Ruhnau, Richard, Weides, and Engelage. 2,697,180.
 Engelder, Paul O., assignor of $\frac{1}{2}$ to G. H. Ennis and $\frac{1}{2}$ to R. V. Funk. 2,677,964, Cl. 73—304.
 Engelder, Paul O., to Oil Well Water Locating Co. 2,697,942, Cl. 73—155.
 Engelhardt, Armin E. 2,696,996, Cl. 287—14.
 Engelhardt, Carl F., Yeadon, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Oil-control piston ring. 2,671,705, Mar. 9.
 Engelhardt, Edward L.: *See*—
 Sprague, James M., and Engelhardt.
 Englehardt, Vaughn A., to E. I. du Pont de Nemours and Co. 2,691,038, Cl. 260—484.
 Engelhart, George K., assignor to Fuller Company. 2,675,274, Cl. 302—52.
 Englehart, Oscar D., to Pittsburgh Plate Glass Co. 2,684,266, Cl. 299—24.
 Engelhart, William A., deceased, Pontiac, Mich., by W. A. Engelhart, Jr., administrator, assignor to General Motors Corporation, Detroit, Mich. Coke breeze bonded by Portland cement. 2,665,977, Jan. 12.
 Engelhart, William A., Jr., administrator: *See*—
 Engelhart, William A.
 Engelman, Aloysius J. 2,683,324, Cl. 43—42.74.
 Engeln, John H.: *See*—
 Hawn, Ralph A., and Engeln. 2,679,400.
 Engelson, George E.: *See*—
 Wendell, Charles B., Jr., and Engelson. 2,693,406.
 Engelsperger, Hansjörg, Rorschach, Switzerland. Sectional boat. 2,666,933, Jan. 26.
 Enghauser, Winford L. 2,687,283, Cl. 256—21.
 Engineered Products Co., The: *See*—
 Saxton, Millard F.
 Saxton, Millard F., and Comey. 2,686,071.
 Engineering Controls, Inc.: *See*—
 Hull, Robert R. 2,681,643.
 Engineering Development Company, Incorporated, The, assignee: *See*—
 Parsons, Critchell. 2,675,212.
 Wagner, George P.
 Engineering Equipment Distributors, Inc., assignee: *See*—
 Carr, Hugh R.
 Engineering Laboratories, Inc.: *See*—
 Baker, Buford M. 2,682,389.
 Engineering Research Associates, Inc., assignee: *See*—
 Daniels, Howard L., and Hogan.
 Daniels, Howard L., and Hogan. 2,680,239.
 Guterman, Robert P. 2,677,794.
 Engineering and Research Corp., The: *See*—
 Benson, Howard H. J., Jr., and Imbriaco. 2,686,979.
 Greene, William L. 2,680,948.
 Engine Parts Mfg. Co., The: *See*—
 Ivins, Herbert L., and North. 2,697,635.
 Rogers, Edmund, and North. 2,678,846.
 Waters, Harold, Tanner, and North. 2,690,355.
 Engisch, George W.: *See*—
 Perry, Stephen F., Engisch, and Marriner.
 England, August J. 2,688,346, Cl. 140—71.
 Englander Co., Inc., The: *See*—
 Kann, Emil A. 2,691,179.
 Engle, Morris: *See*—
 Bishop, Jerome H., Jr., and Engle. 2,679,928.
 Engler, Max, assignor to The General Tire and Rubber Company. 2,675,854, Cl. 154—14.
 Engler, Otto, to M. Berz. 2,689,689, Cl. 241—121.
 Engler, Pearl L.: *See*—
 Spradling, Joseph W., and Engler.
 Engleson, John E. 2,676,041, Cl. 286—11.13.
 English Electric Co. Ltd., The: *See*—
 Asbury, Allan, and Banks. 2,692,361.
 Carnegie, Herbert S., and Dolan. 2,683,846.
 Corbett, James P. 2,686,475.
 Craig, Hugh R. M., Morris, and Frankel. 2,682,991.
 Frankel, Adolf, Morris, Wolff, and Mitchell. 2,686,653.
 Hughes, John O. P.
 Hughes, John O. P. 2,678,611.
 Rigg, Robert V. 2,674,134.
 Sewer, Paul W. 2,684,227.
 Smart, David L. 2,677,789.
 Smart, David L., and McColl. 2,674,714.
 Van Milligen, Reuel D.
 Ward, Leslie J. 2,682,773.
 Wynne, Walter L. L. 2,692,360.

- English Electric Valve Company, Limited, assignee: See—
Ranfall, John T., Sayers, Boot, and Dawton. 2,680,827.
- English, Francis G. S., and M. C. P. Hewitt, to Powers-Samas Accounting Machines Ltd. 2,685,400, Cl. 235—6111.
- English, Francis G. S., and W. E. Johnson, to Powers-Samas Accounting Machines Ltd. 2,687,644, Cl. 73—156.
- English, Harvey W., to Powers-Samas Accounting Machines Ltd. 2,687,644, Cl. 144—200.
- English, Henry W., Linton, and E. F. H. Harris, N. J., Accounting business form. 2,668,065, Feb. 2.
- English, Herdis G., assignor to Borg-Warner Corporation. 2,675,678, Cl. 60—97.
- English, Jackson P.: See—
Marson, Harry W., and English. 2,675,375.
Rogers, Margaret M., and English.
Shepherd, Robert G., and English. 2,684,374.
- English, James F., Jr., to Bailey Meter Co. 2,664,162, Cl. 317—130.
- English, John P., Northbrook, and J. Magarinos, Chicago, Ill. Waste container. 2,669,000, Feb. 13.
- English Numbering Machines Ltd.: See—
Gibbs, Charles B. 2,692,085.
- English, Paul, to Phillips Petroleum Co. 2,682,278, Cl. 137—415.
- English, Ray H.: See—
Ornitz, Martin N., and English. 2,695,248.
- English, Thomas H., Atlanta, Ga., Centering and quadding device. 2,666,520, Jan. 19.
- English, Weber. 2,668,861, Cl. 214—708.
- Englund, Bruce E., assignor to E. I. du Pont de Nemours and Company. 2,675,402, Cl. 260—453.
- Englund, Bruce E., to E. I. du Pont de Nemours and Co. 2,691,882, Cl. 260—593.
- Engman, Leo N., to T. P. McGrevey. 2,698,177, Cl. 272—8.
- Engsath, Martin O. 2,687,097, Cl. 103—153.
- Engstrand, Gunnar C. 2,686,568, Cl. 170—159.
- Engstrom, Henry O. 2,679,879, Cl. 151—21.
- Engstrom, Paul A.: See—
Gay, William H., and Engstrom.
- Engstrom, Sverre J., assignor to Bell & Howell Company. 2,676,513, Cl. 68—24.
- Enjar Wheels, Limited, assignee: See—
MacLean, James M.
- Ennis, George H., assignee: See—
Engelder, Paul O. 2,677,964.
- Ennis, George H., deceased (J. F. Ennis, executrix), and W. W. Ennis; said W. W. Ennis assignor to R. V. Funk. 2,682,800, Cl. 98—14.
- Ennis, Julia F., executrix: See—
Ennis, George H. and W. W. 2,682,800.
- Ennis, William W.: See—
Ennis, George H. and W. W. 2,682,800.
- Ennis, William W., to E. R. Atkins. 2,696,261, Cl. 166—77.
- Enner, William T., and A. C. Heath, Jr., to Aluminum Co. of America. 2,683,294, Cl. 22—57,2.
- Enock, Arthur G., assignor to Graham-Enock Manufacturing Company Limited, London, England. Bottle capping machine. 2,667,998, Feb. 2.
- Enos, Joe, Jr., assignor to M. A. Morrill. 2,680,343, Cl. 56—377.
- Enos, John P., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Hinged presser-foot. 2,666,405, Jan. 19.
- Enos, John P., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-jogging attachment for sewing machines. 2,669,202, Feb. 16.
- Enos, John P., assignor to The Singer Manufacturing Company. 2,678,558, Cl. 112—160.
- Enos, Louis H., Montclair, N. J., assignor to Curtiss-Wright Corporation. Multiblade propeller and cowling therefor. 2,670,050, Feb. 23.
- Ens, Arthur, Hanbryn, Saskatchewan, Canada. Adjustable gear. 2,665,569, Jan. 12.
- Ens, Emil J., assignor to Magnus Harmonica Corporation. 2,677,993, Cl. 92—1.
- Ensign, Elbert E., to Ford Motor Co. 2,689,492, Cl. 78—81.
- Ensign Ribbon Burners, Inc., assignee: See—
Shortenfeld, Richard. 2,675,069.
- Ensink, Johannes, Hilversum, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for protecting amplifiers from overload. 2,672,530, Mar. 16.
- Ensink, Johannes, and J. W. Scholten, assignors to Hartford National Bank and Trust Company as trustee. 2,676,304, Cl. 332—45.
- Enstein, Kurt, Rochester, N. Y., assignor to Stromberg-Carlson Company. Vertical synchronization circuit for television receivers. 2,672,510, Mar. 16.
- Enstein, Kurt, and F. J. Haskins, Rochester, N. Y., assignors to Stromberg-Carlson Company. Methods and apparatus for making conductive patterns of predetermined configuration. 2,666,008, Jan. 12.
- Ensminger, Ralph B. 2,693,388, Cl. 298—3.
- Ensor, Arthur J. 2,678,442, Cl. 296—23.
- Ensslin, Kurt, Oberbrunn, and H. Rathert, assignors to Vereinigte Glanzstoff-Fabriken A. G., Wuppertal-Elberfeld, Germany. Production of porous foils from viscose. 2,670,500, Mar. 2.
- Enterprise Aluminum Co., The: See—
Felver, Richard I. 2,696,332.
- Enterprise Manufacturing Company, The, assignee: See—
Sarah, Thomas F. 2,676,769.
- Enterprise Railway Equipment Co.: See—
Batho, William F. 2,690,137.
Dorey, George B. 2,684,642.
Dorey, George B. 2,684,644.
Dorey, George B. 2,690,139.
Dorey, George B. 2,690,140.
Zimmer, Albert E. 2,684,643.
Zimmer, Albert E. 2,690,138.
- Enterprise Wheel and Car Corporation, assignee: See—
Jones, Frank A.
- Entwistle, James J., Ormskirk, England. Electronic timing device. 2,669,677, Feb. 16.
- Entwistle, George, to Sinclair Refining Co. 2,695,878, Cl. 252—40.
- Entwistle, John E. 2,680,412, Cl. 103—161.
- Entz, Ferdinand S., G. A. Pullis, R. E. Ressler, R. O. Soffel, and L. A. Weber, assignors to Bell Telephone Laboratories, Incorporated. 2,677,726, Cl. 179—15.
- Enzmann, Ralph, E. A. Luring, and W. J. E. Kirk to Minnesota and Ontario Paper Co. 2,684,093, Cl. 144—309.
- Epel, Joseph N.: See—
Hannum, John A., and Epel. 2,692,195.
- Epley, Frederic L., assignor to Combustion Engineering, Inc. 2,677,354, Cl. 122—485.
- Epperson, John C., Sr., assignee: See—
Wilkinson, Rudolph P. 2,674,152.
- Epperson, Robert T. 2,693,898, Cl. 221—295.
- Eppler, Andrew, Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Clutch control mechanism. 2,666,511, Jan. 19.
- Eppler, Arthur H.: See—
Carlson, Edwin G., and Eppler.
- Eppler, Walter T., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing unit for cables. 2,670,543, Mar. 2.
- Epps, Neil C. 2,695,718, Cl. 214—333.
- Eppstein, Samuel H., and H. M. Leigh, to The Upjohn Co. 2,697,715, Cl. 260—397,4.
- Eppstein, Samuel H., and H. M. Leigh, to The Upjohn Co. 2,697,716, Cl. 260—397,4.
- Epstein, Aaron S.: See—
Falck, Richard. 2,692,252.
- Epstein, David W.: See—
Nicol, Frederick H., and Epstein. 2,692,218.
- Epstein, David W., Princeton, N. J., assignor to Radio Corporation of America. Schmidt television projector. 2,673,977, Mar. 30.
- Epstein, Hirsch, Chicago, Ill. Electrical conductor terminal with strain relieving means. 2,668,279, Feb. 2.
- Epstein, Leo F., W. H. Howland, and M. D. Powers, assignors, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. 2,680,071, Cl. 75—124.
- Epstein, Meyer, and J. S. Pratt. 2,688,381, Cl. 183—115.
- Epstein, Samuel, Bethlehem, Pa., and H. J. Cutler, Buffalo, N. Y., assignors to Bethlehem Steel Company. Metal treatment. 2,666,722, Jan. 19.
- Epstein, Samuel, and K. F. Haupt, to Bethlehem Steel Co. 2,694,627, Cl. 75—124.
- Epstein, Saul. 2,679,887, Cl. 138—63.
- Epstein, Saul, and L. D. Statham, to Statham Laboratories, Inc. 2,697,158, Cl. 201—63.
- Epton, Jerome W., assignor to National Leather Handle Co., Inc., Chicago, Ill. Luggage handle. 2,672,963, Mar. 23.
- Equi-Flow, Inc.: See—
Ungar, Gustave A. 2,691,482.
- Equitable Paper Bag Co. Inc., assignee: See—
Poppe, George W.
- Erb, Edward R., Jr.: See—
Jones, James R., and Erb. 2,683,094.
- Erban, Richard T. 2,678,580, Cl. 88—1.
- Erbe, Alfred R., to Radio Ceramics Corp. 2,682,463, Cl. 117—65.
- Erchak, Michael, Jr., to Allied Chemical & Dye Corp. 2,683,141, Cl. 260—94,9.
- Erco Radio Laboratories, Inc., assignee: See—
Goodwin, Thomas E.
- Erden Engineering Corp.: See—
Mittlemann, Eugene. 2,696,737.
- Erdmenger, Rudolf, Bergisch-Gladbach, assignor to Farbenfabriken Bayer Aktiengesellschaft, Leverkusen, Germany. Mixing and kneading machine. 2,670,188, Feb. 23.
- Erdody, Henry J. 2,678,184, Cl. 248—311.
- Erdon, William A.: See—
Giblin, Thomas P., and Erdon.
- Erdtman, Holger G. H., assignor to Crown Zellerbach Corporation. 2,680,748, Cl. 260—343,3.
- Erhard, Frances C. 2,678,045, Cl. 129—16.
- Erhardt, John E., Jr., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Annealing apparatus. 2,669,442, Feb. 16.
- Erhardt, Oscar P.: See—
Krueger, Alfred P., and Erhardt.
- Ericks, Walter P., to The Upson Co. Re. 23,866, Cl. 260—29,3.

- Ericks, Walter P., to The Upsom Co. 2,692,183, Cl. 8—115.6.
- Ericks, Walter P., and R. A. Butcher, to The Upsom Co. 2,696,449, Cl. 117—104.
- Erickson, Alvin B. 2,689,429, Cl. 43—61.
- Erickson, Anton F.: *See—*
- Larson, Albert J. and R. D., and Erickson. 2,684,542.
- Erickson, Clifford E., to General Electric Co. 2,686,373, Cl. 34—75.
- Erickson, Floyd B., and A. H. Schlesinger, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Herbicidal compositions. 2,671,016, Mar. 2.
- Erickson, Gerhard O., Inglewood, Calif. Telephone call recorder. 2,673,544, Mar. 30.
- Erickson, Harry, Raymond, Nebr. Automatic poultry feeder. 2,669,218, Feb. 16.
- Erickson, J. J., assignee: *See—*
- Kirk, Alva M. 2,674,097.
- Erickson, John G., to General Mills, Inc. 2,694,707, Cl. 260—247.
- Erickson, John G., to General Mills, Inc. 2,694,708, Cl. 260—247.
- Erickson, Leonard A., assignor to The Commonwealth Engineering Company of Ohio. 2,674,231, Cl. 121—38.
- Erickson, Lowell H.: *See—*
- Merrill, Marcellus S., and Erickson.
- Erickson, Martin A., and C. B. Richey, to Ford Motor Co. 2,690,045, Cl. 56—377.
- Erickson, Nels S., assignor to Glass Block Spacer Guide, Inc., Chicago, Ill. Bearing and spacing guide member for glass block panel construction. 2,669,116, Feb. 16.
- Erickson, Norman R. 2,679,103, Cl. 32—69.
- Erickson, Paul W., and M. H. Friedmann. 2,688,998, Cl. 155—188.
- Erickson, Richard D. 2,693,400, Cl. 311—21.
- Erickson, Virginius R., assignor to Powder Power Tool Corporation, Portland, Oreg. Stud driving tool. 2,666,915, Jan. 26.
- Erickson, Virginius R., assignor to Powder Power Tool Corporation. 2,676,508, Cl. 85—10.
- Erickson, Virginius R., and B. B. Bullwinkle, assignors to Powder Power Tool Corporation. 2,679,645, Cl. 1—44.5.
- Erickson, Virginius R., and B. B. Bullwinkle, to Powder Power Tool Corp. 2,697,830, Cl. 1—44.5.
- Erico Products, Inc.: *See—*
- Burke, Donald J. 2,680,271.
- Burke, Donald J. 2,681,969.
- Ericson, Eric A.: *See—*
- Rowe, Raymond N., and Ericson.
- Ericson, Eric A., assignor to General Electric Company. 2,679,565, Cl. 200—116.
- Ericson, Eric A., to General Electric Co. 2,692,929, Cl. 200—116.
- Ericson, George R.: *See—*
- Collins, Douglas, and Ericson. 2,685,650.
- Walsh, John J., and Dudenhofen.
- Ericson, George R., to Carter Carburetor Corp. 2,689,533, Cl. 103—178.
- Ericson, George R., Kirkwood, and I. E. Coffey, assignors to Carter Carburetor Corporation, St. Louis, Mo. Fuel control system. 2,664,872, Jan. 5.
- Ericson, George R., Kirkwood, Mo., assignor to American Car and Foundry Company, New York, N. Y. Tilted container. 2,665,949, Jan. 12.
- Ericson, George R., Kirkwood, Mo., assignor to American Car and Foundry Company, New York, N. Y. Valve. 2,666,616, Jan. 19.
- Ericson, Herman G., to Medallie Mfg. Co. 2,689,669, Cl. 222—183.
- Ericson, John F. E., to Marvel Industries, Inc. 2,698,107, Cl. 214—653.
- Ericson, Paul. 2,689,715, Cl. 261—111.
- Ericson, Walter M. 2,692,547, Cl. 98—40.
- Ericsson, Eric A., Stockholm, A. O. Jorgensen, Traneberg, and S. L. Overby, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Rectifier and converter using superconduction. 2,666,884, Jan. 19.
- Ericsson, Nils: *See—*
- Hellkvist, Alf O. 2,689,588.
- Ericsson, Oscar A., Hagersten, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Magnetic recording and reproducing device. 2,673,249, Mar. 23.
- Erie, Loren E. 2,679,852, Cl. 134—127.
- Erie Meter Systems, Inc., assignee: *See—*
- Fishburn, Paul R. 2,680,538.
- Erie Mining Company, assignee: *See—*
- De Vaney, Fred D., and Beggs. 2,676,095.
- Erie Resistor Corp.: *See—*
- Gray, Robert B. 2,695,275.
- Heibel, Jerome D. 2,691,159.
- Minnium, Byron B.
- Oshry, Howard I. 2,695,239.
- Oshry, Howard I. 2,695,240.
- Heibel, Jerome D. 2,675,417.
- Eriez Mfg. Co.: *See—*
- Mojden, Wallace W., and Tenpas. 2,696,301.
- Eriksen, Jorgen C. 2,690,797, Cl. 160—90.
- Erikson, Carl F., to Nathan Mfg. Corp. 2,686,428, Cl. 73—293.
- Erikson, Carl F., to Nathan Mfg. Corp. 2,687,186, Cl. 184—27.
- Erikson, Carl O., and N. D. Landquist, to Rydboholms Aktiebolag. 2,696,098, Cl. 68—8.
- Erikson, Henry A., Coral Gables, Fla. Liquid flow cutoff and timer. 2,670,760, Mar. 2.
- Erikson, Robert W., to Sundstrand Machine Tool Co. 2,684,637, Cl. 103—126.
- Eriksson, Allan H., to Husqvarna Vopenfabriks Aktiebolag. 2,687,104, Cl. 112—210.
- Eriksson, Carl E., Stockholm, Sweden. Sectional aircraft pontoon. 2,673,698, Mar. 30.
- Eriksson, Erik B., Norrköping, Sweden. Moth proofing woolen goods. 2,668,127, Feb. 2.
- Eriksson, John E. 2,679,083, Cl. 25—41.
- Erkkila, Andrew, to Independent Lock Co. 2,690,347, Cl. 292—226.
- Erkkila, Andrew, to Independent Lock Co. 2,693,692, Cl. 70—146.
- Erlert, Johan G., to S. Fagrell and O. Cardell. 2,690,804, Cl. 164—61.
- Erling, Sven J., Nockeby, assignor to Aktiebolaget Separator, Stockholm, Sweden. Pneumatic pulsator. 2,665,703, Jan. 12.
- Ernau, Mildred C. 2,681,663, Cl. 137—625.48.
- Ernest, Robert P., Wayne, assignor to Kaiser-Frazer Corporation, Willow Run, Mich. Engine head. 2,664,864, Jan. 5.
- Ernsberger, Wallace P., assignor to Harnischfeger Corporation. 2,674,709, Cl. 318—201.
- Ernst, Alfredo, Milan, Italy. Device for testing the hardness of metals. 2,667,065, Jan. 26.
- Ernst, Alfredo, Milan, Italy. Device for testing the hardness of metals. 2,667,066, Jan. 26.
- Ernst, Carl J. 2,680,873, Cl. 15—235.
- Ernst, Charles E., to Johns-Manville Corp. 2,684,171, Cl. 220—15.
- Ernst and Ernst: *See—*
- Weimer, Gerald A. 2,675,153.
- Weimer, Gerald A. 2,691,472.
- Ernst, George M. 2,695,059, Cl. 164—40.
- Ernst, John L., and R. M. Thomas, to Standard Oil Development Co. 2,682,531, Cl. 260—85.3.
- Ernst, John M., Butler, Ind., assignor to American Machine & Foundry Company. Bowling ball lift. 2,670,957, Mar. 2.
- Ernst, Max, Nurnberg, Germany. Toy vehicle lift. 2,672,709, Mar. 23.
- Ernst, Max. 2,675,643, Cl. 46—104.
- Ernst, Robert D.: *See—*
- Lehane, Timothy J., Smith, and Ernst. 2,694,526.
- Ernst, Walter: *See—*
- Boller, William D., Berkley, Ernst, and Landmeier. 2,677,734.
- Boller, William D., Berkley, Ernst, and Landmeier. 2,685,011.
- Ernst, Walter, assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Blankholder arrangement for presses. 2,672,836, Mar. 23.
- Ernst, Walter, assignor to The Commonwealth Engineering Company of Ohio. 2,680,191, Cl. 240—2.
- Ernst, Walter, to The Commonwealth Engineering Co. of Ohio. 2,681,620, Cl. 103—11.
- Ernst, Walter, to The Thompson Grinder Co. 2,682,748, Cl. 60—52.
- Ernst, Walter, to The Commonwealth Engineering Co. of Ohio. 2,691,354, Cl. 113—45.
- Ernst, Walter, to The Commonwealth Engineering Co. of Ohio. 2,696,779, Cl. 100—269.
- Ernstes, Joseph H.: *See—*
- McKinley, Robert W., and Ernstes. 2,683,282.
- Erp, Alfred E. 2,674,116, Cl. 72—128.
- Erriou, Edgar R. to Fotografin Corp. 2,693,621, Cl. 20—5.
- Erskine, Don M. 2,675,061, Cl. 155—116.
- Erskine, Donald B., to Calumet & Hecla, Inc. 2,698,220, Cl. 23—61.
- Erskine, Frank G., and P. Wasyluka, to Gaylord Container Corp. 2,690,287, Cl. 229—45.
- Erson, Erik G., Wilkinsburg, and G. M. Thomas, Dravosburg, Pa., assignors to Westinghouse Air Brake Company. Dynamic and fluid pressure brake interlock apparatus. 2,667,385, Jan. 26.
- Ertl, Tell, Worthington, Ohio, assignor to Union Oil Company of California, Los Angeles, Calif. Loading apparatus. 2,668,630, Feb. 9.
- Ertner, Edward W.: *See—*
- Birchler, Robert O., and Ertner. 2,696,192.
- Ertner, Edward W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for coating webs, including adjustable doctor blade. 2,672,119, Mar. 16.
- Ervin, Evander M. 2,696,778, Cl. 100—27.
- Erwin, Cyril P.: *See—*
- Rongved, Paul I., and Erwin. 2,687,102.
- Erwin, Kathrine S., administratrix: *See—*
- Sargeant, Walter E., and Erwin. 2,674,713.
- Erwin-Newman Co., The: *See—*
- Rongved, Paul I., and Erwin. 2,687,102.
- Erwin, Robert L.: *See—*
- Pollock, Norman R., and Erwin.
- Erwin, Robert L., Royal Oak, assignor to Dearborn Motors Corporation, Birmingham, Mich. Planter valve. 2,669,951, Feb. 23.
- Erwin, Robert L., to Ford Motor Co. 2,690,108, Cl. 97—46.39.

- Erwin, Robert L., to Ford Motor Co. 2,691,934, Cl. 97—245.
- Erwin, Wesley S.: *See*—
Sargeant, Walter E., and Erwin. 2,674,713.
- Erwood, John, to The Vapor Recovery Systems Co. 2,692,501, Cl. 73—398.
- Erzer, John K., assignor to General Electric Company. 2,678,488, Cl. 29—155.
- Esarey, Raymond W.: *See*—
Carville, Theodore E. M., and Esarey. 2,683,824.
- Escapo, Inc., assignee: *See*—
Pohland, Carl P.
- Eschenburg, William A., D. D. Pettigrew, and C. Johnson, assignors to Rockwell Manufacturing Company. Re. 23,822, Cl. 77—33.5.
- Escher Wyss Aktiengesellschaft: *See*—
Ruegg, Ernst. 2,685,370.
- Escora-Corset-Fabrik Eduard Schmidt G. m. b. H.: *See*—
Schmidt, Gustav. 2,686,312.
- Esdale, William: *See*—
Smith, Charles J., and Esdale.
- Eserkain, Theodore F., to George Gorton Machine Co. 2,686,459, Cl. 90—58.
- Eshleman, Charles I.: *See*—
Speicher, Matz A., and Eshleman. 2,693,741.
- Eskew, Jim A. 2,696,366, Cl. 254—185.
- Eskilstuna Jernmanufaktur Aktiebolag, assignee: *See*—
Rydberg, Johan O.
- Eskimo Pie Corp.: *See*—
Fleming, William M., and Klein. 2,678,591.
Haggood, Warren J. 2,689,544.
Nelson, Christian K., and Behling. 2,677,943.
- Eskuchen, Frank G. 2,690,035, Cl. 51—135.
- Esoldi, Vincent, Stirling, N. J. Adjustable support for ceiling lighting fixtures. 2,670,919, Mar. 2.
- Espenschied, Wilbur L.: *See*—
Lajeunesse, Victor J., Trier, and Espenschied. 2,695,923.
- Espy, Ronald H., to Armco Steel Corp. 2,695,872, Cl. 204—140.5.
- Esselman, Richard B., assignor to Farr Company. 2,679,260, Cl. 137—412.
- Esselte förpackning ab: *See*—
Rohdin, James O. 2,695,551.
- Essen, Eric E., to The Sperry Corp. 2,685,271, Cl. 118—11.
- Esser, Paul, H. Stutzer, and A. Gremm to Meyer, Roth & Pastor. 2,684,422, Cl. 219—4.
- Essex, Robert L.: *See*—
Burke, William F., and Essex. 2,674,225.
- Essex Wire Corp.: *See*—
Clayton, Harold H., and Satterthwaite.
Elliott, Howard A., Kain, Materka, and Taormina. 2,697,820.
Simpkins, Robert L., Materka, and Elliott.
- Essmann, Harvey E., deceased, M. A. Essman, administratrix. 2,685,381, Cl. 216—28.
- Essmann, Mary A., administratrix: *See*—
Essmann, Harvey E. 2,685,381.
- "Est" Etablissement Sciences Techniques, assignee: *See*—
Bonmartini, Giovanni. 2,680,464.
- Estee Manufacturing Co., Inc., assignee: *See*—
Tronic, James S.
- Estel, George A., Jr., to Globe Hoist Co. 2,683,902, Cl. 20—0.8.
- Esterbrook Pen Co., The: *See*—
Blalock, John M. 2,681,276.
Klagges, Henry C., and Steinberg. 2,678,635.
- Estes, Nelson N. 2,686,712, Cl. 23—273.
- Estes, Reuben C.: *See*—
Besse, Victor E., and Estes. 2,690,636.
- Esteve, Antonio, to Laboratorios Om. Société Anonyme. 2,689,847, Cl. 260—211.5.
- Estey, James R., assignor to Aluminex Incorporated. 2,676,433, Cl. 47—26.
- Estey, Melvin E., to Perfect Circle Corp. 2,695,825, Cl. 309—45.
- Estin, Hilma C., assignor to R. L. Mitchell Rubber Co., Inc. 2,680,385, Cl. 74—564.
- Estirajes Balmes, S. A., assignee: *See*—
Balmes Solanas, Ramón. 2,677,857.
- Etablissement Public: Houillères du Bassin du Nord et du Pas-de-Calais, assignee: *See*—
Carabasse, Joseph, Delassus, and Mennessier. 2,680,707.
- "Etablissements A. Marillier": *See*—
Marillier, René G. 2,685,112.
- Etablissements Boutillon S. A.: *See*—
Boutillon, Henri. 2,682,368.
- Etablissements Edgar Brandt: *See*—
Canonne, Abel Y. 2,694,342.
- Etablissements Guiot, assignee: *See*—
Guiot, Auguste.
- Etablissements Lambiotte Freres: *See*—
Fauqué, Louis L. J. 2,681,917.
- Etablissements MacGregor-Comarain, assignee: *See*—
Bich, Marcel, and Chavane. 2,674,967.
- Etablissements Merlin & Gerin (Société Anonyme), The, assignee: *See*—
Latour, André.
Latour, André, and Viboud. 2,689,888.
- Etablissements Neyrpic: *See*—
Danel, Pierre F. 2,677,240.
Gariel, Paul.
Ponsar, Yves. 2,694,411.
- Etablissements Pateco: *See*—
Pellaton, Benjamin. 2,697,883.
- Etablissements Saint Chamond-Granat, assignee: *See*—
Génini, Victor, and Latapie.
Granat, Elie.
- Etablissements Tangeois d'Expansion Industrielle & Commerciale: *See*—
Reimbert, Raymond. 2,683,914.
- "Etablissements Terrot": *See*—
Renaud, Samuel. 2,687,650.
- Etat Français: *See*—
Chombard, Pierre A. 2,696,597.
- Etavex, S. A., assignee: *See*—
Fortier, André L. A.
- Etchart, Leonard W., Glasgow, Mont. Hydraulic loader and handling means for trucks. 2,665,016, Jan. 5.
- Etchells, Eugene B.: *See*—
Purchas, William J., Jr., Moser, and Etchells. 2,681,644.
- Etchells, Eugene B., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Hydraulic lash adjuster. 2,672,133, Mar. 16.
- Etchison, Gibson O.: *See*—
Waddle, Howard M., Etchison, Gibson, and Granberry. 2,687,689.
- Eterna A. G., Uhrenfabrik, assignee: *See*—
Stamm, Heinrich.
- Eterna S. A.: *See*—
Stamm, Heinrich. 2,686,436.
- Etheredge, Francis T. 2,674,240, Cl. 126—110.
- Etherington, Lewis D.: *See*—
Cahn, Robert P., and Etherington.
- Etherington, Lewis D., to Standard Oil Development Co. 2,681,125, Cl. 183—114.2.
- Ethicon Inc.: *See*—
Reissmann, Thomas L., and Bloch. 2,682,857.
Schaefer, Robert J.
- Ethyl Corp.: *See*—
Bell, James F. 2,688,682.
Beste, George W.
Boag, James C. 2,689,791.
Clarke, John T. 2,691,625.
Clarke, John T., Hall, and Weimer. 2,690,458.
Coxe, Edward H. 2,688,653.
Eding, Harold J., and Glassbrook.
Giraitis, Albert P. 2,688,641.
Giraitis, Albert P. 2,698,347.
Giraitis, Albert P. 2,698,348.
Governale, Luke J.
Hill, Eugene F., and De Pree. 2,683,081.
Hill, Eugene F., and De Pree. 2,683,082.
Hill, Eugene F., and De Pree. 2,683,083.
Hill, Eugene F., and De Pree. 2,683,172.
Hill, Eugene F., and De Pree. 2,684,293.
Kleinpeter, Edward W. 2,690,374.
Kolka, Alfred J., Burt, and Hofstiezer. 2,692,899.
Orloff, Harold, and Napolitano. 2,675,409.
Orloff, Harold D., and Jolly. 2,674,623.
Orloff, Harold D., and Worrel. 2,691,051.
Shapiro, Hymin, Hnizda, and Calingaert. 2,674,519.
Shapiro, Hymin, and Krohn. 2,688,628.
Trotter, Percy W. 2,681,372.
Whaley, Thomas P. 2,687,951.
- Etienne, Alfred, to L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude. 2,690,655, Cl. 62—175.5.
- Etienne, Alfred, to L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude. 2,692,484, Cl. 62—175.5.
- Etlin, Robert: *See*—
Auffret, Jean, Etlin, and Favre.
- Etling, Harold A., Marshallville, assignor to Weather-Seal Inc., Barberton, Ohio. Window construction having releasable sash engaging strip. 2,671,251, Mar. 9.
- Ettorre, James E.: *See*—
Bullard, Edward P., III., and Ettorre. 2,696,135.
- Etzkorn, Rudolf, to Cefas Aktiengesellschaft. 2,694,606, Cl. 308—243.
- Eubanks, Joseph H.: *See*—
Valentine, George E., and Eubanks. 2,682,669.
- Euclid Road Machinery Co., The, assignee: *See*—
Armington, Raymond Q.
- Eumuco Aktiengesellschaft für Maschinenbau: *See*—
Riemenschneider, Fritz. 2,682,186.
- Eureka Television and Tube Corp.: *See*—
Wells, Frank. 2,689,288.
- Eurich, Henry. 2,696,596, Cl. 339—159.
- Eustis, Peter: *See*—
Duncan, Daniel W., and Eustis.
- Eustis, Richard W.: *See*—
Taft, Wilfred O., Weikart, and Eustis. 2,695,264.
- Eustis, Warner, assignor to The Kendall Company. 2,675,914, Cl. 206—84.
- Eutectic Welding Alloys Corp.: *See*—
Wasserman, René D. 2,684,312.
- Euverard, Maynard R.: *See*—
Smith, William T., Euverard, and Callahan. 2,682,769.

- Euverard, Maynard R., Short Hills, N. J., Micrometer for measuring thin insulation. 2,664,640, Jan. 5.
- Euverard, Maynard R., assignor to Interchemical Corporation. 2,679,208, Cl. 103—49.
- Euverard, Maynard R., assignor to Interchemical Corporation. 2,679,236, Cl. 121—164.
- Euverard, Maynard R., assignor to Interchemical Corporation. 2,679,237, Cl. 121—164.
- Evabco Inc.: See—
Vaillancourt, John W. 2,690,575.
- Evans, Arthur E., New York, N. Y. Washcloth. 2,669,737, Feb. 23.
- Evans, Aubrey M., assignor to Duofold, Inc. 2,677,828, Cl. 2—224.
- Evans, Aubrey T., to Ricardo & Co., Engineers (1927) Ltd. 2,691,970, Cl. 123—81.
- Evans Bros. Packing Co., assignee: See—
Evans, Ernest E.
- Evans, Carroll L. 2,680,953, Cl. 60—53.
- Evans, Carroll L. 2,694,384, Cl. 121—40.
- Evans Case Co., assignee: See—
Reilly, Alfred F.
- Evans, Charles E., to General Electric Co. 2,697,017, Cl. 308—237.
- Evans, Charles S., Atherton, assignor to Calnetian Blinds, Incorporated, Oakland, Calif. Venetian blind. 2,669,301, Feb. 16.
- Evans, Charles T., Jr., assignor to Universal-Cyclops Steel Corporation. 2,677,610, Cl. 75—128.
- Evans, Chauncey R., to the United States of America as represented by the Secretary of the Navy. 2,696,602, Cl. 340—197.
- Evans & Company, assignee: See—
Goldman, David, and Geiger. 2,675,617.
- Evans, David W.: See—
Evans, Wallace A. and D. W., and Sims.
- Evans, Edward L. 2,683,344, Cl. 56—27.
- Evans, Edward M., and J. E. S. Whitney, Tonbridge, assignors to British Resin Products Limited, London, England. Polymeric vinyl phenol-aldehyde resins. 2,668,802, Feb. 9.
- Evans, Elliott A., and J. S. Elliott, to C. C. Wakefield & Co. Ltd. 2,692,858, Cl. 252—33.4.
- Evans, Ernest E., assignor to Evans Bros. Packing Co., Riverside, Calif. Weight actuated elevator and transfer mechanism. 2,667,982, Feb. 2.
- Evans, Everett I., J. Henderson, and C. V. Swank, said Henderson and said Swank to Johnson & Johnson. 2,682,873, Cl. 128—156.
- Evans, Francis C., assignor to American District Telegraph Company. 2,678,433, Cl. 340—227.
- Evans, Fraser M., assignor to C. A. V. Limited. 2,679,836, Cl. 123—140.
- Evans, George S.: See—
Heine, Thomas H., and Evans. 2,687,486.
- Evans, Harold D., assignor of one-half to H. L. Evans, Kansas City, Mo. Hatrack. 2,670,084, Feb. 23.
- Evans, Helen L., assignee: See—
Evans, Harold D.
- Evans, Jack, to Century Display Mfg. Co., Inc. 2,695,210, Cl. 312—272.5.
- Evans, James E., to Houdry Process Corp. 2,697,654, Cl. 23—288.
- Evans, James R., Blackville, S. C. Sidewalk grader and paver. 2,664,794, Jan. 5.
- Evans, John, to Radio Corp. of America. 2,697,742, Cl. 178—5.4.
- Evans, John E., Blawenburg, N. J., assignor to Radio Corporation of America. Magnetic beam controlling system. 2,672,574, Mar. 16.
- Evans, John M. T., assignor to The General Electric Company Limited, London, England. Ultrahigh-frequency radio signaling system. 2,668,907, Feb. 9.
- Evans, John O., Jr., assignee: See—
Roberts, Richard B., and Smith. 2,678,163.
- Evans, John R., & Co.: See—
Topley, Charles H. 2,697,534.
- Evans, Julian F., assignor to Stanolind Oil and Gas Company. 2,674,886, Cl. 73—382.
- Evans, Laurence J. 2,682,926, Cl. 170—160.11.
- Evans, Leigh R., to Hardinge Brothers, Inc. 2,695,529, Cl. 74—230.17.
- Evans, Leon M., Houston, Tex., assignors to The Texas Company, New York, N. Y. Gamma ray detector. 2,671,868, Mar. 9.
- Evans, Leonard T. 2,676,362, Cl. 19—127.
- Evans, Lyle W., assignor to Sylvania Electric Products Inc. 2,678,888, Cl. 117—33.5.
- Evans, Martin E. 2,695,545, Cl. 88—18.
- Evans, Martin E. 2,695,546, Cl. 88—18.4.
- Evans, Martin E. 2,697,971, Cl. 95—44.
- Evans, Owen T.: See—
Mulligan, John W., and Evans. 2,689,023.
- Evans Products Co.: See—
Evans, Robert B., and Nampa. 2,685,912.
Bridge, William O.
Nampa, Sulo M. 2,679,214.
Storch, Harold A. 2,693,153.
- Evans, Raymond J., and J. L. Schneider, to Continental Can Co., Inc. 2,688,776, Cl. 18—59.
- Evans, Richard E., Southport, P. F. Darby, and T. G. Owen, Fairfield, Conn., assignors, by mesne assignments, to Rem-Cru Titanium, Inc., Midland, Pa. Material weighing and delivering apparatus. 2,665,031, Jan. 5.
- Evans, Richard E., P. F. Darby, and J. P. Catlin, to Rem-Cru Titanium, Inc. 2,686,822, Cl. 13—9.
- Evans, Richard E., P. F. Darby, and T. G. Owen, to Rem-Cru Titanium, Inc. 2,686,824, Cl. 13—13.
- Evans, Robert B., Plum Township, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Respirator with interchangeable filters. 2,668,532, Feb. 9.
- Evans, Robert B., Plum Township, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Dust filter. 2,670,809, Mar. 2.
- Evans, Robert B., to Mine Safety Appliances Co. 2,682,315, Cl. 183—45.
- Evans, Robert B., and S. M. Nampa, to Evans Products Co. 2,685,912, Cl. 155—6.
- Evans, Robert P., Kenmore, assignor to Sterilon Corporation, Buffalo, N. Y. Medical apparatus. 2,668,533, Feb. 9.
- Evans, Ronald K., and W. H. Manning, deceased, by M. W. Manning, administratrix. 2,674,988, Cl. 123—193.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Rotary and impact tool. 2,667,144, Jan. 26.
- Evans, Taylor H.: See—
Chipman, Harold R., and Evans. 2,688,015.
- Evans, Taylor H., and R. W. Mills, to United States Rubber Co. 2,693,466, Cl. 260—239.75.
- Evans, Thomas H., assignor to Giddings & Lewis Machine Tool Company, Fond du Lac, Wis. Micrometer dial mechanism. 2,668,515, Feb. 9.
- Evans, Wallace A., assignee: See—
Evans, Wallace A. and D. W., and Sims.
- Evans, Wallace A. and D. W., and L. J. Sims, Penarth, Wales, said Sims assignor to said W. A. and D. W. Evans. Molding core. 2,664,613, Jan. 5.
- Evans, Walter L. 2,685,716, Cl. 20—57.5.
- Evans, Wendell I., to The Cincinnati Milling Machine Co. 2,686,650, Cl. 251—3.
- Evans, William E. 2,687,107, Cl. 114—208.
- Evans, William H., Miami Beach, Fla. Line reaming and boring machine. 2,670,635, Mar. 2.
- Evenson, Christopher B. 2,690,323, Cl. 254—104.
- Everett, Samuel J. 2,697,437, Cl. 128—221.
- Everett, Woodrow W., Phoenix, Ariz., assignor, by mesne assignments, to Earth Equipment Corporation, Los Angeles, Calif. Excavator bucket tooth. 2,666,272, Jan. 19.
- Everett, Woodrow W., assignor, by mesne assignments, to Earth Equipment Corporation. 2,679,922, Cl. 198—144.
- Everhard, Homer E., Wadsworth, Ohio. Flower and spray holder. 2,671,628, Mar. 9.
- Everhart, George R., A. N. McKay, and E. A. Danforth assignors, by mesne assignments, to T. S. Walker. 2,674,768, Cl. 20—92.
- Everhart, James G., to McGraw Electric Co. 2,695,137, Cl. 242—4.
- Everhart, John O., K. E. Krill, and R. E. Dine, and R. R. Van Der Beck, Columbus, assignors, by mesne assignments, to The National Clay Pipe Research Corporation, Logan, Ohio. Method and apparatus for forming tubular ceramic bodies. 2,671,939, Mar. 16.
- Everhart, Thomas H., assignor to Collins Radio Co. 2,678,963, Cl. 174—48.
- Evering, Bernard L.: See—
Peters, Edwin F., and Evering. 2,692,261.
- Everitt, Philip F., Seven Kings, and J. Keeble, Ilford, England, assignors, by mesne assignments, to Kelvin & Hughes Limited, Glasgow, Scotland. Sextant and other angle measuring instruments. 2,665,484, Jan. 12.
- Everitt, Philip F., and G. R. Jamieson, Seven Kings, England, assignors, by mesne assignments, to Kelvin & Hughes Limited. Periscopic sextant and other instruments. 2,666,990, Jan. 26.
- Ever-Ready Razor Products Limited, assignee: See—
Henley, Charles F. 2,677,886.
- Evers, Arthur J.: See—
Bink, Julius H., and Evers.
- Evers, Arthur J., Brooklyn, assignor to International Paper Company, New York, N. Y. Striker mechanism for bagmaking machines. 2,673,610, Mar. 30.
- Evers, Arthur J., to International Paper Co. 2,691,328, Cl. 93—8.
- Evers, Arthur J., to International Paper Co. 2,691,329, Cl. 93—27.
- Evers, Bert C. 2,694,746, Cl. 136—181.
- Evers, E. Charles, and M. B. Reynolds, assignors to the United States of America as represented by the United States Atomic Energy Commission. 2,674,518, Cl. 23—14.5.
- Evershed & Vignoles Ltd.: See—
Bergen, Stephen A. 2,685,064.
- Eversman Mfg. Co.: See—
Shumaker, Lawrence E. 2,691,333.
- Eversole, William G., Kenmore, B. O'Brien, East Rochester, and R. H. Gillette, Kenmore, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Luminescent crystalline bodies. 2,666,145, Jan. 12.
- Eversole, William G., and J. N. Burdick, to Union Carbide and Carbon Corp. 2,690,630, Cl. 49—77.
- Eversole, William G., and W. Drost, to Union Carbide and Carbon Corp. 2,693,421, Cl. 106—42.

- Everson, Ray B., Chicago, Ill., System for mixing a gas with a liquid. 2,671,756, Mar. 9.
- Everston, Joseph H., 2,677,902, Cl. 36—8.5.
- Everitt, Hendrick C. B., to Hartford National Bank and Trust Co., 2,688,993, Cl. 291—27.
- Eves, Charles E., to Illinois Tool Works, 2,685,721, Cl. 24—73.
- Eves, Joseph R., and O. W. Lundstrom, assignors to American Optical Company, 2,674,965, Cl. 31—101.
- Evins, Inc., assignee: See—
Levin, David E., 2,675,932.
- Evrell, Raleb E., to Aktiebolaget Bolinder-Munktel, 2,687,117, Cl. 121—38.
- Ewald, Raymond L., and H. A. Skog, Olympia, Wash., assignors to Special Equipment Company, Portland, Oreg., Apparatus for orienting peaches according to stem indent and suture, 2,672,229, Mar. 16.
- Ewald, Raymond L., and H. A. Skog, to Special Equipment Co., 2,685,899, Cl. 146—7.
- Ewart, Elliott S., and A. H. Steadman, to United States Rubber Co., 2,696,863, Cl. 152—293.
- Ewart, Roswell H.: See—
Brooks, Marvin C., and Ewart, 2,680,124.
- Ewbank, Lee, and J. F. Rybick, 2,690,153, Cl. 114—208.
- Ewer, Philip A., London, England, assignor to General Electric Company, High-voltage electrical insulating bushing, 2,667,532, Jan. 26.
- Eweson, Eric W., 2,680,939, Cl. 71—9.
- Eweson, Eric W., 2,695,218, Cl. 23—259.1.
- Ewin, Frank E., Villa Grove, Ill., Portable electric switch apparatus, 2,672,562, Mar. 16.
- Ewing, Alvin L., assignor to E. I. du Pont de Nemours & Company, 2,677,167, Cl. 8—151.1.
- Ewing, Henry, and J. S. Blackmore, to Celanese Corp. of America, 2,681,936, Cl. 148—50.
- Ewing, Henry, and J. S. Blackmore, deceased (by L. J. Blackmore and Midland Bank Executor and Trustee Co. Ltd., joint executors), to Celanese Corp. of America, 2,681,292, Cl. 117—33.
- Ewing, Henry, and J. S. Blackmore, deceased (by L. J. Blackmore and Midland Bank Executor and Trustee Co. Ltd., joint executors), to British Celanese Ltd., 2,681,446, Cl. 117—17.
- Ewing, John F., M. J. Brosious, and F. D. Barber, to American Viscose Corp., 2,685,971, Cl. 214—1.
- Ewing, Scott P., Tulsa, Okla., assignor to Standard Oil Development Company, Cathodic protection of tank bottoms, 2,672,587, Mar. 16.
- Exact Weight Scale Co., The: See—
Merrill, Roger L., and Hecox, 2,688,459.
Merrill, Roger L., and Hecox, 2,688,740.
Merrill, Roger L., Hecox, and Dor Mann, 2,688,441.
Schieser, Warren J., and Kellay, 2,687,372.
Schieser, Warren J., and White, 2,688,458.
- Excel Auto Radiator Company, assignee: See—
Lustig, Frank.
- Excel Corporation, assignee: See—
Carbriener, Harvey D., and Rutter.
- Ex-Cell-O Corp., The: See—
Dixon, Charles H., 2,695,745.
Monroe, Charles Z., and Raymond, 2,682,208.
Monroe, Charles Z., and German, 2,687,414.
Seyferth, Harold N., 2,694,414.
Spurr, Robert, 2,692,717.
Stewart, Gilbert D., 2,691,312.
- Excelsior Hardware Company, The, assignee: See—
Komenak, Albert J.
- Excelsior Pearl Works, Inc., assignee: See—
Bruckman, Eric A., 2,679,176.
- Exline, Charles W., 2,690,502, Cl. 240—10.
- Exner, Arturo, 2,677,737, Cl. 200—114.
- Exner, Lawrence J.: See—
De Benneville, Peter L., and Exner, 2,689,249.
- Express Dairy Co. (London) Ltd.: See—
George, Frank G., 2,681,247.
- Extraction, Inc.: See—
Lohre, Ralph G., and Pitzer, 2,676,633.
Lohre, Ralph G., and Pitzer, 2,682,832.
- Ey, Victor, Woodside, N. Y., Fluid pressure regulator with automatic means for shutting off the fluid, 2,664,672, Jan. 5.
- Ey, Victor, 2,694,410, Cl. 137—505.46.
- Eyerly, Lee U., Salem, Oreg., Automobile race track roundabout, 2,672,339, Mar. 16.
- Eyerly, Lee U., 2,689,126, Cl. 372—38.
- Eyerly, Russell B., 2,676,801, Cl. 272—51.
- Eyles, Thomas H., assignor to Foster Grant Co., Inc., 2,678,584, Cl. 88—41.
- Eyrish, George O., 2,682,275, Cl. 125—53.
- Eyring, John T., 2,678,052, Cl. 4—181.
- Eyster, William H., to Eastern States Soilbuilders, Inc., 2,684,295, Cl. 71—17.
- Essell, Benjamin T., 2,686,921, Cl. 4—57.
- FA, Vereinigte Glaswerke-Fabriken A. A.: See—
Heisenberg, Edwin, 2,696,422.
- F & M Engineering Co.: See—
Faselt, Fritz, 2,683,801.
- F. N. F. Limited, assignee: See—
Morrison, John L. M., Robertson, and Porter, 2,674,778.
- FR Corporation, The, assignee: See—
Stears, George, 2,676,103.
- Faas, Walter, to The Bates Mfg. Co., 2,685,929, Cl. 164—121.
- Faber-Castell, A. W., Pencil Co., Inc., assignee: See—
Maneval, Ralph (RAF), V., 2,679,496.
- Faber, Edgar M.: See—
Miller, George E., Faber, and Reeves.
- Faber, Guy S., 2,684,723, Cl. 176—196.
- Faber, Saul, to Chesal Industries, 2,683,321, Cl. 43—12.
- Faber & Schleicher Aktiengesellschaft: See—
Koch, Werner, 2,689,523.
- Fabian, Eben L., Los Angeles, Calif., Form for casting concrete building blocks, 2,671,941, Mar. 16.
- Fabig, Georg, to A. S. Sugar, 2,696,789, Cl. 103—113.
- Fabre, Maurice L.: See—
Marchal, Raymond H., and Fabre.
- Fabricacion de Maquinas, S. A., assignee: See—
Martin, John, 2,675,648.
- Fabri-Valve Co. of America: See—
Hilton, Harold S.
Rovang, Wallace G., 2,683,581.
- Fabula, Andrew: See—
Margles, Samuel G., and Fabula, 2,686,585.
- Faccou, Armand L., 2,695,720, Cl. 215—39.
- Faeder, Max, & Co., assignee: See—
Crane, Walton B.
- Fadden, Howard O., 2,683,298, Cl. 25—128.
- Fadley, Herbert J., Jr., Philadelphia, Pa., Bookrest, 2,669,038, Feb. 16.
- Faerber, Harry W., assignor to Time, Incorporated, 2,676,540, Cl. 101—351.
- Faerber, Harry W., and N. Bishop, assignors to Time, Incorporated, 2,680,405, Cl. 101—401.2.
- Faerber, Harry W., and G. N. Sandor, to Time, Inc., 2,686,552, Cl. 154—1.
- Faerber, Harry W., and G. N. Sandor, to Time Inc., 2,687,762, Cl. 153—51.
- Fafnir Bearing Co., The: See—
Andersen, Mark E., 2,695,203.
Frederick, John A., 2,697,621.
- Fairfield, Darwin L., Andersen, and Fairfield, 2,695,202.
- Leister, Fayette, 2,690,937.
- Leister, Fayette, 2,695,201.
- Leister, Fayette, 2,697,622.
- Nee, Frank, 2,697,015.
- Potter, Howell L., 2,678,246.
- Stanley, Charles F., 2,695,200.
- Stanley, Charles F., 2,695,200.
- Van Dorn, Horace B., 2,679,899.
- Fagal, Frederick F.: See—
Bolster, Robert O., and Fagal, 2,693,647.
- Fagan, Harry F., 2,679,684, Cl. 24—29.
- Fagan, Joseph S., 2,693,229, Cl. 158—53.
- Fager, Clara V., administratrix, assignee: See—
Fager, Raymond H.
- Fager, Raymond H., deceased, North Wales, Pa.; C. V. Fager, administratrix of said R. H. Fager, assignor to C. V. Fager, Ventilator, 2,665,627, Jan. 12.
- Fagerberg, Sven G.: See—
Gurt, Sven A., and Fagerberg.
- Fagerberg, Sven G., and N. M. Werman, assignors to Aktiebolaget Elektrolux, Stockholm, Sweden, Refrigerator having provisions for collecting moisture, 2,670,611, Mar. 2.
- Fagerholt, Carl G., assignor to Aktiebolaget Volvo, Goteborg, Sweden, Fuel injection device for internal-combustion engines, 2,670,684, Mar. 2.
- Fagg, Gerald H., and J. L. Arthur, to General Motors Corp., 2,698,352, Cl. 180—4.
- Fagiol, Emilio, Milan, Italy, Device for drying materials by means of ventilation, 2,673,403, Mar. 30.
- Fagley, Gilbert H., and W. E. Birchard, to General Electric Co., 2,682,176, Cl. 74—458.
- Fagrell, Sven: See—
Erlert, Johan G., 2,690,804.
- Fahlberg, Ernest D., and E. J. Schwoegler, to said Schwoegler, 2,688,781, Cl. 22—185.
- Fahlgren, Gordon L., 2,683,981, Cl. 30—163.
- Fahnestock, Frank C., J. P. Shambaugh, and J. C. Howard, to Socony-Vacuum Oil Co., Inc., 2,697,685, Cl. 196—52.
- Fahnoe, Frederick, Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y., Dispenser for liquid detergents, 2,664,900, Jan. 5.
- Fahnoe, Frederick, to General Aniline & Film Corp., 2,698,022, Cl. 137—79.
- Fahnoe, Harold H., to Westinghouse Electric Corp., 2,681,968, Cl. 200—114.
- Fahnoe, Harold H., Wilkinsburg, and W. A. Gaskill, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., Electric fuse construction, 2,667,549, Jan. 26.
- Fahrenbach, Marvin J., J. M. Smith, Jr., and M. E. Hultquist, assignors to American Cyanamid Company, 2,677,682, Cl. 280—239.75.
- Fahrenbach, Wolfgang B., 2,677,744, Cl. 219—4.
- Fahrig, Rudolf: See—
Rader, Rudolf, 2,696,872.
- Fahringer, Harry J., assignor, by mesne assignments, to David Kahn, Inc., 2,678,570, Cl. 120—42.13.
- Fahrni, Fred, 2,688,123, Cl. 174—182.
- Fahrni, Fred, 2,688,306, Cl. 118—242.
- Fahrni, Fred, 2,696,330, Cl. 222—196.
- Fahrni, Fred, 2,696,331, Cl. 222—227.

- Falling, George E., Co.: *See*—
Alexander, Emmett L. 2,690,935.
- Failla, Gioacchino, and H. H. Rossi, to the United States of America as represented by the United States Atomic Energy Commission. 2,683,222, Cl. 250—83.6.
- Fails, Wesley A.: *See*—
Schmitt, Otto H., Barnes, Fails, and Fromm. 2,681,264.
- Fain, Jacob M.: *See*—
Snell, Chester A., Fain, and De Rosa. 2,674,554.
- Fainman, Morton, to Standard Oil Co. 2,688,595, Cl. 252—34.
- Fainman, Morton, N. E. Lemmon, and A. W. Lindert, to Standard Oil Co. 2,692,280, Cl. 260—514.
- Fair, O'Grady F.: *See*—
Housh, Cecil N., Robishaw, Fair, and Mansfield. 2,676,033.
- Fairbairn, Eric P.: *See*—
Collyer, John E., and Fairbairn.
- Fairbank, Murry N., to Polaroid Corp. 2,681,602, Cl. 95—13.
- Fairbank, Murry N., to Polaroid Corp. 2,689,307, Cl. 250—68.
- Fairbanks Company, The, assignee: *See*—
Adams, Edward T. 2,678,802.
- Fairbanks, Morse & Co.: *See*—
Ashcroft, Thomas W., and Hobart. 2,692,505.
Lindfors, Onni. 2,682,631.
Miner, Howard W., and Rock. 2,687,966.
Schauer, George A., Jr. 2,676,544.
Schowalter, Clarence H., and Foreman.
Smith, George L. 2,687,930.
Starr, Morton H. 2,680,014.
- Fairburn, A. John B., to United States Steel Corp. 2,695,594, Cl. 118—500.
- Fairchild Camera and Instrument Corp.: *See*—
Blodgett, Stewart B., and Ronal. 2,681,601.
Boyajeau, John A., Jr. Re. 23,914.
Boyajeau, John A., Jr. 2,691,890.
Doyle, Irving W. 2,685,239.
Moore, David W., Jr. 2,691,890.
Willcox, Frederick P. 2,691,331.
- Fairchild, Edwin B., to L. W. Potts, and M. Arent. 2,698,120, Cl. 226—68.
- Fairchild Engine and Airplane Corp.: *See*—
Boutelle, Richard S.
Cozzoli, Michael. 2,684,218.
Hoffacker, Theodore, Jr.
Lawrence, Arthur L. 2,689,304.
Markey, Roscoe I., Frank, and Sieradzki. 2,696,104.
Trofimov, Lev A. 2,684,743.
Westcott, William B., Jr. 2,697,569.
Whitney, Vernon L., Jr. 2,691,274.
- Faircloth, Lee V., and L. J. Burns. 2,696,928, Cl. 214—506.
- Fairclough, Edward, and C. C. Rose, assignors to Willard Storage Battery Company. 2,677,008, Cl. 136—146.
- Fairest, Derek H.: *See*—
Fairest, Morgan and D. H. 2,695,721.
- Fairest, Derek H., to Morgan Fairest Ltd. 2,687,821, Cl. 216—54.
- Fairest, Morgan and D. H., to Morgan Fairest Ltd. 2,695,721, Cl. 216—55.
- Fairest, Morgan, Ltd.: *See*—
Fairest, Morgan and D. H. 2,695,721.
- Fairey Aviation Company Limited, The, assignee: *See*—
Doblhoff, Friedrich L.
Vines, Alan, Welham, and Maughan. 2,675,608.
- Fairfield, Elmer H., Ottawa, Ontario, Canada. Sheet material dispenser. 2,668,022, Feb. 2.
- Fairfield, Wallace M.: *See*—
Holbrook, Darwin L., Andersen, and Fairfield. 2,695,202.
- Fairhurst, Emily E., executrix: *See*—
Fairhurst, John T. 2,674,767.
- Fairhurst, John T., deceased, by E. E. Fairhurst, executrix. 2,674,767, Cl. 20—16.
- Fairly, Hazel S. 2,684,014, Cl. 88—53.
- Fairstein, Edward, to the United States of America as represented by the United States Atomic Energy Commission. 2,694,146, Cl. 250—27.
- Fairweather, David A. W.: *See*—
Coffey, Samuel, Fairweather, and Hathway. 2,685,582.
- Fairwest (U. K.) Limited, assignee: *See*—
Low, Robert N., and Catry.
- Faith-Ell, L. Johan, and E. O. H. Hansson, assignors to Aktiebolaget Elektrolux, Stockholm, Sweden. Motor-driven machine. 2,672,534, Mar. 16.
- Falanga, John, and M. De Leo. 2,694,191, Cl. 340—69.
- Falbaum, Sanford: *See*—
Pribil, Richard F., and Falbaum. 2,679,367.
- Falck, Marianne: *See*—
Falck, Richard. 2,692,252.
- Falck, Richard, to M. Falck, and A. S. Epstein. 2,692,252, Cl. 260—48.
- Falck-Muus, Rolf, to Chemical Construction Corp. 2,690,391, Cl. 75—119.
- Falco, Elvira A.: *See*—
Hitchings, George H., Russell, and Falco. 2,688,019.
Hitchings, George H., Russell, and Falco. 2,697,708.
- Falcone, Raymond J.: *See*—
Radeloff, Sidney P., and Falcone. 2,695,751.
- Falconer, Robert W., to Daystrom Inc. 2,697,387, Cl. 93—81.
- Fales, David, III, to Bendix Aviation Corp. 2,684,444, Cl. 250—33.
- Falge, Robert N.: *See*—
Lewellen, Albert R., Jr., Diedring, Clayton, and Falge. 2,686,867.
- Falge, Robert N., G. W. Onksen, and G. S. Dow, Jr., assignors to General Motors Corporation. 2,679,179, Cl. 88—1.
- Falinski, Marie: *See*—
Khndzorlan-Iablokoff, Arthur, Delord, Falinski, and Lautie. 2,674,543.
- Falk, Alfred E., to Farnsworth Research Corp. 2,685,687, Cl. 343—13.
- Falk, Charles J.: *See*—
Steenstrup, Carl H., and Falk. 2,682,041.
- Falk Corp., The: *See*—
Bade, Alfred G.
Falk, Louis W. 2,685,350.
Gruett, Charles G.
Klackner, Herman H. 2,687,784.
Schmitter, Walter P. 2,676,671.
Schmitter, Walter P. 2,683,848.
Schmitter, Walter P. 2,691,875.
Schmitter, Walter P. 2,694,939.
Schmitter, Walter P. 2,694,940.
Schroeder, Kenneth A. 2,687,045.
- Falk, Harold W., Minneapolis, assignor to Wright Products, Inc., St. Paul Park, Minn. Door latch. 2,668,072, Feb. 2.
- Falk, Harold W., Minneapolis, assignor to Wright Products, Inc., St. Paul Park, Minn. Window fastener. 2,668,074, Feb. 2.
- Falk, Joseph, Glastonbury, Conn. Multisocket ejector-wrench for nipples. 2,669,148, Feb. 16.
- Falk, Joseph, and J. F. Horahan. 2,685,363, Cl. 206—16.
- Falk, Louis W., to The Falk Corp. 2,685,350, Cl. 188—82.77.
- Falkman, Hans H., and E. M. Olsson, to Aktiebolaget Atlas Diesel. 2,681,669, Cl. 144—208.
- Falkner, Carl G.: *See*—
Goodbar, Mayo A., Placke, and Falkner. 2,696,944.
Goodbar, Mayo A., Placke, and Falkner. 2,698,138.
- Falkner, Francis O., Headland, Ala. Digging and windrowing root harvester. 2,669,820, Feb. 23.
- Falkof, Melvin M.: *See*—
Gehauf, Bernard, and Falkof. 2,689,831.
- Falkof, Melvin M., B. Witten, and B. Gehauf, assignors to the United States of America as represented by the Secretary of War. 2,678,260, Cl. 23—230.
- Falligant, Louis A., to Prepo Corp. 2,683,484, Cl. 158—33.
- Falligant, Louis A. 2,689,768, Cl. 299—95.
- Fallon, Albin F., Grosse Pointe Park, Mich. Adjustable splined arbor. 2,665,136, Jan. 5.
- Falls, Herbert P. 2,696,208, Cl. 128—84.
- Falls Stamping and Welding Co., The: *See*—
Thompson, Frank R., and Bell. 2,690,599.
- Falls Yarn Mills, assignee: *See*—
Asti, Mansueto, and Anterl. 2,679,087.
- Fallsington Mfg. Co.: *See*—
Krueger, John. 2,689,487.
- Fancher, Virgil: *See*—
Schneider, Frank L., and Fancher.
- Fancsali, Dazo, to S. Fancsali. 2,695,179, Cl. 280—32.5.
- Fancsali, Steve: *See*—
Fancsali, Dazo. 2,695,179.
- Fand, Theodore I., White Plains, and C. F. Lutomski, assignors to Nepera Chemical Co. Inc., Yonkers, N. Y. Trichloroacetylpyridines. 2,670,352, Feb. 23.
- Fanelli, Joseph A., U. S. Army. Combination packboard and sled. 2,667,996, Feb. 2.
- Fanelli, Warren J.: *See*—
Christianson, Martin E., Lofving, and Fanelli. 2,686,973.
- Fanelly, Frank F.: *See*—
Iarussi, Mike V., and Fanelly. 2,687,731.
- Fanning, Robert J., to Phillips Petroleum Co. 2,692,872, Cl. 260—45.5.
- Fanshier, Chester. 2,696,218, Cl. 137—213.
- Fansteel Metallurgical Corp.: *See*—
Balke, Claire C.
Beidler, Edward A., and Campbell.
Campbell, Ivor E., Gonser, and Powell.
Hall, James H. 2,674,712.
Kleis, John D.
Mott, Chester.
Mott, Chester. 2,687,466.
Parsons, Curtis H., and Perme. 2,676,843.
Parsons, Curtis H., and Perme. 2,691,144.
Streblov, Lawrence A. 2,685,195.
- Faran, James J., Jr.: *See*—
Hersh, John F., Faran, and Reitz. 2,683,858.
- Farandatos, Denis. 2,676,395, Cl. 30—9.
- Farbak, John E.: *See*—
Walker, John J., and Farbak.
- Farbenfabriken Bayer: *See*—
Ossenbrüggen, Walter, and Konrad. 2,696,479.
- Farbenfabriken Bayer Aktiengesellschaft: *See*—
Baumann, Fritz, Blenert, and Rösch. 2,683,643.
Becker, Wilhelm, and Bayer. 2,695,899.
Ehring, Heinz, and Raichle. 2,695,896.
Erdmenger, Rudolf.
Gold, Heinrich, and Petersen.

- Farbenfabriken Bayer Aktiengesellschaft: See—Continued.
 Graulich, Wilhelm, Becker, and Bayer. 2,678,924.
 Haagen, Karl. 2,692,866.
 Kurtz, Peter, and Schwarz.
 Lober, Friedrich, Bayer, Bogemann, and Schneider. 2,695,898.
 Moschel, Wilhelm, and Müller. 2,690,423.
 Müller, Erwin, Petersen, and Löfflein. 2,683,696.
 Müller, Werner, and Berres. 2,695,289.
 Müller, Wilhelm, and Kircher.
 Noll, Walter, and Simons. 2,687,399.
 Passing, Heinrich, Bauer, and Delfs. 2,692,867.
 Röhm, Wilhelm.
 Schmelzer, Albert, and Bayer.
 Schmidt, Erich, and Schnegg. 2,686,180.
 Schnegg, Robert. 2,688,640.
 Schnell, Hermann, and Rinke. 2,678,869.
 Schrader, Gerhard, and Lorenz. 2,680,132.
 Schultz, Fritz, and Ziegler.
 Schulze, Ernst, and Nehse. 2,698,231.
 Stein, Eberhard, and Bayer. 2,698,343.
 Taube, Karl. 2,692,263.
 Thielert, Hermann, and Baumann. 2,693,469.
 Weinand, Klaus.
 Weinand, Klaus. 2,685,590.
 Welz, Henry. 2,696,505.
- Farber, Eduard, to The Fine Hardwoods Association. 2,686,741, Cl. 117—147.
 Farber, Eduard, to Timber Engineering Co. 2,697,090, Cl. 260—71.
 Farbwerte-Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning: See—
 Bier, Gerhard. 2,689,836.
 Dietz, Karl.
 Ehrhart, Gustav, Ruschig, and Aumüller. 2,681,340.
 Ehrhart, Gustav, Ruschig, and Leditschke. 2,695,305.
 Ehrhart, Gustav, Ruschig, Stein, and Aumüller. 2,697,095.
 Hahn, Hans-Joachim, and Horn. 2,676,939.
 Heyna, Johannes, and Schumacher.
 Jensch, Heinrich.
 Kracker, Herbert. 2,688,613.
 Kracker, Herbert. 2,690,438.
 Lindner, Fritz, and Dörzbach. 2,693,434.
 Pontius, Oswald. 2,693,804.
 Ruschig, Heinrich, and Fnehs.
 Ruschig, Heinrich, and Schmidt-Thomé. 2,697,107.
 Seidenfaden, Wilhelm, and Löhe.
 Waibel, Wilhelm. 2,691,637.
- Fardy, Richard F.: See—
 Swift, W. Everett, and Fardy. 2,694,315.
- Faris, Robert B., Jr., Solon, H. F. Hardman, Wickliffe and M. M. Fink, Parma, assignors to The Standard Oil Company, Cleveland, Ohio. Apparatus for measurement of low rate deformability. 2,670,624, Mar. 2.
 Faris, Robert B., Jr., H. F. Hardman, H. M. Stine, and M. M. Fink, assignors to The Standard Oil Company. 2,677,271, Cl. 73—88.5.
 Faris, William W. 2,695,719, Cl. 215—13.
 Fariss, Robert E., to The Texas Co. 2,695,876, Cl. 252—8.55.
 Farkas, Alfred J., and J. T. Lindquist. 2,691,936, Cl. 101—35.
 Farkas, Eugene, and A. Haddad. 2,695,000, Cl. 116—135.
 Farkas, Eugene, R. Tatulle, and A. Lerner, to Plastic Rivet Corp. 2,695,651, Cl. 154—1.6.
 Farley, Louis J. 2,674,399, Cl. 226—96.
 Farley Manufacturing Company, assignee: See—
 North, Richard M. 2,678,276.
- Farmer, Delbert L.: See—
 Hargrave, John M., and Farmer.
- Farmwald, John A., assignor to The Johnson Rubber Company. 2,679,964, Cl. 226—19.
 Farnam Equipment Co., The: See—
 Kremer, Francis E. 2,690,162.
 Farnam, F. D., Co., assignee: See—
 Kao, John Y. L. 2,676,099.
 Farnham, Harry M., Jr., to Standard Oil Development Co. 2,691,885, Cl. 73—15.
 Farner, Lewis S. 2,680,002, Cl. 254—55.
 Farnsworth Research Corp.: See—
 Falk, Alfred E. 2,685,687.
 Larson, Christian C. 2,690,519.
 Farnum, Alice M. 2,687,530, Cl. 2—217.
 Farr, Alton E., and S. Kleinbans, to Douglas Aircraft Co., Inc. 2,696,956, Cl. 244—83.
 Farr, Clifford P.: See—
 Marchant, Lawrence E., and Farr.
 Marchant, Lawrence E., and Farr. 2,687,676.
- Farr Company, assignee: See—
 Esselman, Richard B. 2,679,260.
 Farr, Richard S. 2,679,090.
- Farr, Edward A., and J. P. Theisen, to Arvin Industries, Inc. 2,690,709, Cl. 99—281.
 Farr, Harold K., to the United States of America as represented by the Secretary of the Navy. 2,681,987, Cl. 250—13.
 Farr, Richard S., assignor to Farr Company. 2,679,090, Cl. 20—148.
- Farrand Optical Co., Inc.: See—
 Sherman, Bennett.
 Tripp, Robert W. 2,688,896.
- Farrar, John F. P., to Chicago Metal Hose Corp. 2,692,731, Cl. 236—34.
 Farrar, Willie W., Wichita Falls, Tex. Combination fishing tool and circulating jars. 2,670,930, Mar. 2.
 Farrel-Birmingham Co., Inc.: See—
 Hedman, Gustave H. 2,681,621.
 MacLeod, Douglas W. 2,680,264.
 Schnuck, Carl F., and Johnson. 2,678,465.
 Schnuck, Carl F., and Whittum. 2,680,879.
 Farrell, Edward E., Islip, N. Y. Aircraft wheel prerotating device. 2,672,308, Mar. 16.
 Farrell, James A., Irwin, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pattern assembly. 2,666,239, Jan. 19.
 Farrell, John W. 2,690,190, Cl. 137—102.
 Farrell, Joseph E., assignor to Farspan Industries, Inc. 2,675,866, Cl. 158—53.
 Farrell, Kenneth T.: See—
 Kmiecik, Thaddeus C., and Farrell. 2,696,441.
 Farrell, Lura B., Coshocton, Ohio. Cleaning swab for toilet bowls. 2,666,223, Jan. 19.
 Farrell, Robert A., Menasha, assignor to Marathon Corporation, Rothschild, Wis. Interfitting lock. 2,666,567, Jan. 19.
 Farrell, Richard R., assignor to Universal Lubricating Systems, Inc., Oakmont, Pa. Top cylinder oiler. 2,672,136, Mar. 16.
 Farrell, Thomas C., to Rockwell Mfg. Co. 2,694,983, Cl. 103—143.
 Farrier, Clarence W., to United States Steel Corp. 2,691,433, Cl. 189—34.
 Farrier, Tommy R. 2,690,675, Cl. 73—384.
 Farries, John R., and J. P. Gigoux, Portland, Oreg. Instrument for operating on mitral valves. 2,668,536, Feb. 9.
 Farrington Mfg. Co.: See—
 Palson, Richard C. J. 2,698,083.
 Farrington, Robert K., Shaker Heights, T. B. Farrington, Cleveland Heights, and R. F. Kurzenberger, assignors to The Thompson Electric Company, Cleveland, Ohio. Multiple contact lamp hanger. 2,666,909, Jan. 19.
 Farrington, Thayer B.: See—
 Farrington, Robert K. and T. B., and Kurzenberger.
- Farris, Riley F., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Apparatus for sampling wells. 2,667,223, Jan. 26.
 Farris, Robert W., assignor to Owens-Corning Fiberglass Corporation. 2,676,153, Cl. 252—311.5.
 Farris, Victor W., Tenafl, N. J. Safety valve. 2,669,252, Feb. 16.
 Farrow, Cecil, Bainbridge Township, Geauga County, assignors to Republic Steel Corporation, Cleveland, Ohio. Detector head for sonic inspection devices. 2,671,862, Mar. 9.
 Farrow, Cecil, to Republic Steel Corp. 2,697,936, Cl. 73—67.
 Farrow, Howard L., to Phillips Petroleum Co. 2,696,475, Cl. 252—463.
 Farspan Industries, Inc., assignee: See—
 Farrell, Joseph E. 2,675,866.
 Farval Corporation, The, assignee: See—
 Graves, George T.
- Fasano, Fred A. 2,677,915, Cl. 46—206.
 Fasano, Fred A. 2,693,295, Cl. 220—94.
 Faselt, Fritz, to F & M Engineering Co. 2,683,801, Cl. 240—108.
 Fässer, Rolf, and M. Meloni, to Sodeco Societe des Compteurs de Geneve. 2,684,998, Cl. 179—6.5.
 Fassotte, Adolphe D. H. L., Neerpelt, assignor to Compagnie des Metaux d'Overpelt-Lommel et de Corthalie S. A., Overpelt-lez-Neerpelt, Belgium. Apparatus for the roasting of ores or the like. 2,665,899, Jan. 12.
- Fast, Clarence R.: See—
 Brainerd, Harold W., Jr., Fast, and Howard. 2,689,009.
 McChrystal, Richard G., and Fast. 2,675,354.
 Fast, Clarence R., to Stanolind Oil and Gas Co. 2,695,063, Cl. 166—22.
 Fast, Clarence R., to Stanolind Oil and Gas Co. 2,696,260, Cl. 166—65.
 Fastie, William G.: See—
 Machler, Raymond C., and Fastie. 2,683,988.
- Faszcuk, Roman, Chicago, Ill. Automotive sleigh. 2,664,962, Jan. 5.
 Fat, Joseph K. C., Honolulu, Hawaii, assignor of one-half to E. Starr, San Francisco, Calif. Mechanical box opener. 2,668,569, Feb. 9.
 Fata, Bernard. 2,695,639, Cl. 144—136.
 Fate-Root-Health Co., The: See—
 Van Wagner, Bollo E. Re. 23,900.
- Fath, Douglas W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor braking system. 2,666,176, Jan. 12.
 Fathauer, George H., assignor to Industrial Development Engineering Associates, Inc. 2,677,769, Cl. 250—40.
- Fatjo, Tom J.: See—
 Ashley, Raymond, and Fatjo. 2,680,489.
- Fatoule, Halmar, and A. Ibrahim. 2,691,241, Cl. 46—3.
 Fatoux, Raymond A. 2,676,576, Cl. 123—13.
 Faucher, Roy, and J. A. Reiss, to J. H. Reiss. 2,685,944, Cl. 188—74.
- Faul, Henry, and R. J. Smith, to the United States of America as represented by the United States Atomic Energy Commission. 2,690,468, Cl. 174—35.

- Faulhaber Company, The, assignee: *See*—
Faulhaber, Roland W.
- Faulhaber, Roland W., assignor to The Faulhaber Company, Monroeville, Ohio. Bicycle saddle support. 2,669,283, Feb. 16.
- Faulhaber, Roland W., assignor to The Faulhaber Company, Monroeville, Ohio. Cycle saddle with bumper bar. 2,670,784, Mar. 2.
- Faulk, Donald P., Lexington, assignor to Raytheon Manufacturing Company, Newton, Mass. Welding heat control. 2,672,543, Mar. 16.
- Faulk, Donald P., and P. A. Best, to Raytheon Mfg. Co. 2,689,899, Cl. 219—4.
- Faulkner, Alfred H.: *See*—
Roberts, Ray J. D., and Faulkner.
- Faulkner, Donald, to The Distillers Co. Ltd. 2,691,642, Cl. 260—459.
- Faulkner, Lois D.: *See*—
Summer, Marvin L., and Faulkner.
- Faulkner, Richard D., to Radio Corp. of America. 2,682,963, Cl. 220—23.
- Faulkner, Richard D., to Radio Corp. of America. 2,697,310, Cl. 49—81.
- Faulkner, Willard J.: *See*—
Morrison, James I. D., and Faulkner. 2,687,450.
- Faull, John T.: *See*—
Bailey, Roy W., and Faull. 2,696,902.
- Faultless Caster Corporation, assignee: *See*—
Noelting, William H. 2,674,012.
- Fauque, Louis L. J., to Etablissements Lambiotte Freres. 2,681,917, Cl. 260—346.1.
- Faure, André and Antoine. 2,676,388, Cl. 29—148.
- Faure, Antoine: *See*—
Faure, André and Antoine. 2,676,388.
- Faure, Marthe E. C. 2,682,671, Cl. 5—92.
- Faures, Arthur L. 2,694,495, Cl. 211—74.
- Fausek, Arthur J. and I. F. Clayton, Mo. Pressure regulator. 2,672,891, Mar. 23.
- Fausek, Irving F.: *See*—
Fausek, Arthur J. and I. F.
- Fausel, Charles A., to Western Electric Co., Inc. 2,686,683, Cl. 279—89.
- Fausel, Charles A., to Western Electric Co., Inc. 2,693,122, Cl. 80—51.1.
- Fausser, Ernest E.: *See*—
Seeger, Nelson V., and Fausser. 2,683,730.
- Faust, Charles L.: *See*—
McGraw, Leslie D., and Faust. 2,698,258.
- Safranek, William H., Schickner, and Faust. 2,692,850.
- Snively, Cloyd A., Faust, and Bride. 2,693,444.
- Faust, John A.: *See*—
Sahyun, Melville, Faust, and Jules. 2,694,088.
- Fauth, Frederick E.: *See*—
Day, Carl L., and Fauth. 2,676,742.
- Day, Carl L., and Fauth. 2,692,671.
- Day, Carl L., and Fauth. 2,696,338.
- Faux, Kenneth R.: *See*—
Goodbar, Mayo A., Cocup, and Faux. 2,698,139.
- Fava, Augusto. 2,687,205, Cl. 198—31.
- Favre, Alexandre J. A., to Office National d'Etudes et de Recherches Aeronautiques. 2,693,908, Cl. 235—61.
- Favre, John A., Drexel Hill, Pa., assignor to General Electric Company. Energy storing overrunning operating device. 2,667,076, Jan. 26.
- Favre, John A., assignor to General Electric Company. 2,674,345, Cl. 185—37.
- Favre, Pierre: *See*—
Auffret, Jean, Etlin, and Favre.
- Favret, Maxime, to Elgin National Watch Co. 2,698,066, Cl. 185—44.
- Fawcett, Frank S., assignor to E. I. du Pont de Nemours and Company. 2,675,378, Cl. 260—239.
- Fawcett, Howard N., Briarcliff Manor, assignor to Cambridge Instrument Company, Inc., New York, N. Y. Electrocardiograph. 2,673,559, Mar. 30.
- Fawick, Thomas L., Cleveland, Ohio, assignor, by mesne assignments, to Federal Fawick Corporation. Fluid disensible actuating means for clutches and brakes. 2,673,573, Mar. 30.
- Fawick, Thomas L., to Federal Fawick Corp. 2,689,634, Cl. 192—91.
- Fawkes, Donald G., to Cardox Corp. 2,698,169, Cl. 262—22.
- Fawkes, George R., Jr.: *See*—
Berry, Theodore M., and Fawkes. 2,675,471.
- Faxén, Per T.: *See*—
Wilkenson, Erik A., and Faxén. 2,692,435.
- Faxén, Per T. 2,674,502, Cl. 308—2.
- Faximile, Inc.: *See*—
Boam, Richard L. 2,678,255.
- Clancy, Robert F. 2,692,228.
- Hester, Frank A. 2,678,352.
- Hester, Frank A. 2,685,056.
- Fay, Allyn C., East Hempstead, N. Y. Golf club direction indicator attachment. 2,670,209, Feb. 23.
- Fay, Charles H., assignor to Shell Development Company. 2,678,399, Cl. 250—83.6.
- Fay, Charles H., assignor to Shell Development Company. 2,679,757, Cl. 73—845.
- Fay, Herbert M., and M. R. Gillette, Salt Lake City, Utah. Heat processing system and furnace. 2,678,081, Mar. 23.
- Fay, Joseph W., to Schulze and Burch Biscuit Company. 2,684,161, Cl. 214—7.
- Fay, Joseph W. and R., to Schulze and Burch Biscuit Co. 2,686,543, Cl. 146—129.
- Fay, Kenneth C. 2,674,758, Cl. 15—160.
- Fay, Robert H. 2,690,704, Cl. 90—11.62.
- Fay, Rudolph: *See*—
Fay, Joseph W. and R. 2,686,543.
- Fays, René: *See*—
Drisch, Nicolas, and Fays. 2,680,884.
- Fear, Ernest D., Kansas City, Mo., and L. E. Harris, Lincoln, Nebr., assignors to De Raef Corporation, Kansas City, Mo. Cultured milk powder and manufacturing same. 2,671,729, Mar. 9.
- Fearn, Richard L., to Syntrol Co. 2,694,127, Cl. 201—48.
- Fears, William A., and E. G. Steuber to United States Steel Corp. 2,684,273, Cl. 308—134.1.
- Feasley, Charles F.: *See*—
Hampton, Lyle A., and Feasley. 2,689,251.
- Feathercombs, Inc., assignee: *See*—
Smith, Roy A.
- Featonby, Joseph, to National Research Council. 2,697,326, Cl. 60—39.25.
- Fechter, Harry B. 2,685,927, Cl. 164—79.
- Fechter, Henry G.: *See*—
Polen, Percy B., Kleiman, and Fechter.
- Fedaukiw, Włodomyr, and E. Wynnuk. 2,689,991, Cl. 24—73.
- Fedders-Quigan Corp.: *See*—
Tirone, Stephen A. 2,690,782.
- Feder, Abraham H. 2,674,688, Cl. 240—51.11.
- Feder, Herbert S., to Bell Telephone Laboratories, Inc. 2,686,904, Cl. 336—70.
- Federal Electric Products Co.: *See*—
Arens, Egmont.
- Balleu, Richard P. 2,680,794.
- Christensen, Paul M.
- Christensen, Paul M. 2,681,966.
- Christensen, Paul M. 2,689,278.
- Christensen, Paul M. 2,696,540.
- Christensen, Paul M. 2,689,291.
- Cole, Thomas M.
- Cole, Thomas M. 2,685,009.
- Cole, Thomas M. 2,689,286.
- Cole, Thomas M., and Christensen. 2,681,396.
- Cole, Thomas M., and Lantz. 2,684,417.
- Cole, Louis W. 2,692,926.
- Cole, Melvin B. 2,680,533.
- Cole, Melvin B. 2,681,400.
- Wills, Ervin E. 2,695,934.
- Federal Fawick Corp.: *See*—
Fawick, Thomas L.
- Fawick, Thomas L. 2,689,634.
- Federal Foundry Supply Co., The: *See*—
Herbruggen, Heinrich J. B. 2,680,889.
- Federal Machine and Welder Co.: *See*—
Deffenbaugh, James F.
- Doutt, Kingsley A. 2,677,034.
- Goldner, George H. 2,689,295.
- Federal-Mogul Corp.: *See*—
Beebe, Austin H., Jr. 2,697,690.
- Pusey, Wesley B. 2,683,066.
- Federal Supply Co., The: *See*—
Herbruggen, Heinrich J. B. 2,692,409.
- Federal Telecommunication Laboratories, Incorporated, assignee: *See*—
Colton, Roger B., Lubin, and Deschamps.
- Federighi, George J., and T. H. Noren, San Francisco, Calif. Magnetic mechanism for controlling flow of rinse water in dishwashing machines. 2,668,548, Feb. 9.
- Federighi, George J., and T. H. Noren. 2,689,639, Cl. 193—218.
- Federika, Joseph M.: *See*—
Hood, Myron E. 2,696,217.
- Federle, Charles S.: *See*—
Mendenhall, Alfred L., Jr., and Federle. 2,693,375.
- Federn, Klaus, to Carl Schenck Maschinenfabrik Darmstadt G. m. b. H. 2,693,699, Cl. 73—92.
- Fedor, Andrew J., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Roll coating machine for message register wheels. 2,672,120, Mar. 16.
- Fedorchak, William J., V. G. Politsch, L. H. Wideman, and D. M. Duncan, to Owens-Illinois Glass Co. 2,682,802, Cl. 88—14.
- Fedri, Albino J., Weston, Pa. Variable transmission. 2,669,885, Feb. 23.
- Fee, Earl L., Windsor, Ontario, Canada. Wheel chock. 2,666,502, Jan. 19.
- Feeney, Robert E., Berkeley, A. H. Brown, El Cerrito, and L. R. MacDonnell, Richmond, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Preserving shell eggs. 2,673,160, Mar. 23.
- Feeney, Thomas A.: *See*—
Northrop, John K., Parker, and Feeney. 2,678,176.
- Feeney, Thomas A., to Northrop Aircraft, Inc. 2,694,536, Cl. 244—85.
- Feeney, Thomas A., and J. E. Glenn, Los Angeles, W. B. Degenfelder, Wilmington, R. E. Crandall, Los Angeles, and H. S. Ripley, Inglewood, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Flap actuator and control system. 2,665,084, Jan. 5.

- Feeney, Thomas A., and E. V. Browne, assignors to Northrop Aircraft, Inc. 2,678,179, Cl. 244—83.
- Feeser, Roy R., Thomasville, Pa. Corn silking and cleaning machine. 2,661,580, Jan. 5.
- Feeser, Roy R. 2,685,995, Cl. 226—18.
- Fegan, Albert E. 2,684,106, Cl. 154—16.
- Fegel, Albert, Whittier, Calif. Control valve for fuel systems. 2,670,761, Mar. 2.
- Fegley, Charles R., to Textile Machine Works. 2,688,861, Cl. 66—126.
- Fegley, Marian E.: See—
McKeever, Charles H., and Fegley.
- Fegley, Virginia W., and S. P. Rowland, assignors to Rohm & Haas Company. 2,680,735, Cl. 260—86.1.
- Fehling, Hans R., London, England, assignor to Compania Uruguaya de Fomento Industrial S. A., Montevideo, Uruguay. Writing instrument. 2,672,127, Mar. 16.
- Fehlmann, Hans. 2,687,281, Cl. 254—29.
- Feichter, Harold R., to United States Quarry Tile Co. 2,687,147, Cl. 138—44.
- Feichtinger, Hans, to Ruhrchemie Aktiengesellschaft. 2,689,246, Cl. 260—247.1.
- Feichtinger, Hans, Duisburg-Beeck, H. Kolling, and S. Puschhof, Duisburg-Hamborn, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Production of sulfobenzoic acid and its salts. 2,666,785, Jan. 19.
- Feldert, Joseph. 2,695,110, Cl. 214—519.
- Feldert, Joseph. 2,696,315, Cl. 214—303.
- Felertag, Arthur W., to Royal McBee Corp. 2,690,219, Cl. 164—43.
- Felertag, Arthur W., to Royal McBee Corp. 2,690,751, Cl. 129—16.1.
- Felertag, Arthur W., to Royal McBee Corp. 2,692,055, Cl. 211—149.
- Felertag, Karl M., to General Electric Co. 2,685,658, Cl. 310—90.
- Felg, Jerome H.: See—
Beber, Samuel L., and Felg. 2,684,220.
- Felg, Milton H., assignee: See—
Dewan, Leon. 2,677,168.
- Feigal, Richard S., to Minneapolis-Honeywell Regulator Co. 2,689,479, Cl. 73—335.
- Feigelman, Herman A., Paterson, N. J. Combined display card and articles thereon. 2,665,003, Jan. 5.
- Fell, George W., Jr., assignor to International Harvester Company. 2,674,330, Cl. 180—70.
- Fellden, Geoffrey B. R., assignor to Ruston & Hornsby Limited. 2,675,220, Cl. 264—4.
- Felmann, Frank, C. Hart, and A. L. Knox, Sr., assignors to The Magnavox Company, Fort Wayne, Ind. Record changer. 2,670,211, Feb. 23.
- Feinberg, Albert E., Chicago, Ill. Measuring circuit. 2,665,395, Jan. 5.
- Feinberg, Albert E., to Advance Transformer Co. 2,682,014, Cl. 315—138.
- Feinberg, Albert E., to Advance Transformer Co. 2,683,243, Cl. 315—138.
- Feinberg, Albert E., and P. Berger, to Advance Transformer Co. 2,685,662, Cl. 315—138.
- Feinberg, Albert E., and P. Berger, to Advance Transformer Co. 2,685,663, Cl. 315—187.
- Feinberg, Archie S., Dallas, Tex. Thermostatic water control for window mats. 2,670,941, Mar. 2.
- Feinstein, Louis E. 2,680,003, Cl. 254—131.
- Feinstone, Wolfe H., Indianapolis, Ind., assignor to Nepera Chemical Co., Inc., Yonkers, N. Y. Condensation products of trimethylhydroxyethyl ammonium hydroxide and dimethylxanthine and preparing same. 2,667,487, Jan. 26.
- Feit, Isadore. 2,697,409, Cl. 112—261.
- Fekete, Janos: See—
Hahn, Ladislaus A., and Fekete. 2,675,406.
Hahn, Ladislaus A., and Fekete. 2,682,557.
Hahn, Ladislaus A., and Fekete. 2,688,036.
- Felber, John: See—
Nordquist, Ronald E. J., and Felber. 2,687,202.
- Felch, Edwin P., Jr., and T. Slonczewski, assignors to Bell Telephone Laboratories, Incorporated. 2,679,630, Cl. 324—99.
- Feldbauer, George F., Jr., C. E. Jahnig, and H. Z. Martin, to Standard Oil Development Co. 2,686,151, Cl. 196—52.
- Feldhausen, Cyril P., to Cutler-Hammer, Inc. 2,686,895, Cl. 318—443.
- Feldkamp, Roland F., to Sterling Drug Inc. 2,691,656, Cl. 260—294.3.
- Feldman, Albert W.: See—
Howard, Frank L., Caroselli, and Feldman. 2,677,639.
- Feldman, Carl B. H., to Bell Telephone Laboratories, Inc. 2,694,147, Cl. 250—33.63.
- Feldman, Herman: See—
Sams, Martin, and Feldman. 2,675,531.
- Feldman, Samuel. 2,691,164, Cl. 2—10.
- Feldmuhle A. G., assignee: See—
Grauer, Theodor.
- Feldstein, Michael. 2,686,320, Cl. 4—239.
- Felger, James N., assignor to Mathieson Chemical Corporation. 2,676,617, Cl. 138—26.
- Felici, Noël, assignor to Centre National de la Recherche Scientifique. 2,675,516, Cl. 322—2.
- Fello, Harold G.: See—
McCarthy, Lewis C., Jr., and Fello. 2,686,323.
- Felker, Jean H., Livingston, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regenerative transistor amplifier. 2,670,115, Feb. 23.
- Felker, Lloyd: See—
Sprigg, Edward A. 2,683,317.
- Felker, Lloyd L.: See—
Crooker, David E. 2,696,864.
- Fell, Martha E., Tucson, Ariz. Portable animal commode. 2,671,427, Mar. 9.
- Fellabaum, John P. 2,693,889, Cl. 214—38.
- Feller, Morris: See—
Bransky, David W., Bolt, Stacy, and Feller.
Field, Edmund, and Feller. 2,691,647.
Kalinowski, Mathew L., and Feller.
Lemmon, Norman E., Karll, and Feller. 2,677,620.
- Feller, Morris, Chicago, Ill., and F. H. MacLaren, Munster, Ind., assignors to Standard Oil Company, Chicago, Ill. Asphalt additive composition. 2,673,813, Mar. 30.
- Fellers, Carl R., Amherst, Mass., assignor to Blue Channel Corporation, Port Royal, S. C. Processing of shellfish and crustaceans. 2,669,520, Feb. 16.
- Fellmann, Rudolf, Prague-Smichov, assignor to Skoda Works, National Corporation, Plzen, Czechoslovakia. Feeding and unloading device for weighing or checking apparatus for cigarettes. 2,671,551, Mar. 9.
- Fellner, Therese. 2,678,446, Cl. 2—42.
- Fellows, Albert T., to Socony-Vacuum Oil Co., Inc. 2,693,481, Cl. 260—449.6.
- Fellows Gear Shaper Co., The: See—
Bloomfield, Benjamin, and Whitney.
Dodge, Wallace H. 2,683,399.
Miller, Edward W. 2,676,519.
Miller, Edward W. 2,696,762.
Praeg, Walter S. 2,678,587.
Praeg, Walter S., and Bassoff.
- Fellows, Leslie R.: See—
Lindsey, William H., and Fellows.
- Felsenfeld, Oscar, assignor to Commercial Solvents Corporation. 2,676,134, Cl. 167—65.
- Felt, Clarence E.: See—
Borchardt, Lester F., and Felt. 2,678,154.
- Felt, Paul W., to Brown & Bigelow. 2,687,756, Cl. 150—40.
- Felt & Tarrant Mfg. Co.: See—
Lalho, Jalmer M. 2,677,500.
Lalho, Jalmer M. 2,682,028.
- Felters Co., The: See—
Kopplin, John V. 2,693,273.
- Felton, John M., and C. H. Verwohlt, to Wheeling Steel Corp. 2,691,819, Cl. 29—470.
- Felton, John M., and C. H. Verwohlt, to Wheeling Steel Corp. 2,696,547, Cl. 219—17.
- Felton, William, to David Crabtree & Son Ltd. 2,684,083, Cl. 139—97.
- Felts, Gordon P.: See—
Seeger, Robert W., and Felts. 2,690,173.
- Felts, Gordon P., and R. W. Seeger, to M. H. Lewis. 2,694,190, Cl. 339—100.
- Felver, Richard I. 2,692,751, Cl. 251—342.
- Felver, Richard I., to The Enterprise Aluminum Co. 2,696,332, Cl. 222—473.
- Femmer, Max E.: See—
Winger, Wayne D., and Femmer. 2,695,992.
- Femmer, Max E., assignor to International Business Machines Corporation. 2,675,473, Cl. 260—27.
- Femmer, Max E., to International Business Machines Corp. 2,693,533, Cl. 250—27.
- Fener, Howard: See—
Pelletier, Lawrence, Anderson, and Fener.
- Fenley, Milton J., Jr. 2,675,358, Cl. 252—359.
- Fenley, Thomas D. 2,681,212, Cl. 261—18.
- Fennell, Francis L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Bleaching chemical paper pulp. 2,668,095, Feb. 2.
- Fennell, Francis L., to E. I. du Pont de Nemours and Co. 2,687,942, Cl. 8—104.
- Fennell, John E., to The Eagle-Picher Co. 2,693,456, Cl. 252—449.
- Fenney, William N., and B. Reynolds, to The Texas Co. 2,685,869, Cl. 123—32.
- Fenoglio, Maurice, and A. Pacoud, assignors to Societe des Usines Chimiques Rhone-Poulenc. 2,680,139, Cl. 260—610.
- Fenske, Harry D., Detroit, Mich., assignor to National Steel Corporation. Conveyance construction. 2,667,243, Jan. 26.
- Fenske, Harry D., Dearborn, Mich., assignor to National Steel Corporation. Floor structure. 2,670,060, Feb. 23.
- Fenske, Merrell R., and R. B. Long, State College, Pa., assignors to Standard Oil Development Company. Liquid-liquid contact method and apparatus. 2,667,407, Jan. 26.
- Fenton, Frank W., to Beacon Production Equipment Corp. 2,689,965, Cl. 14—71.
- Fenton, George D., and E. S. Tideman, Worcester, Mass. Apparatus for installing clips in coil springs. 2,669,275, Feb. 16.
- Fenton, Paul E., to Scovill Mfg. Co. 2,688,784, Cl. 24—218.

- Fenton, Paul E., Middlebury, and M. J. Carpinella, assignors to Scovill Manufacturing Company, Waterbury, Conn. Spring wire snap fastener socket. 2,665,468, Jan. 12.
- Ferdman, Solomon. 2,697,927, Cl. 67—27.
- Ferguson, Rector C., Gadsden, Ala., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Cotton picker. 2,671,298, Mar. 9.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. 2,691,265, Cl. 56—41.
- Ferguson, Clarence N., Chicago, Ill., assignor to Arvey Corporation. Bis-trichloroethyl benzene phosphonate. 2,666,078, Jan. 12.
- Ferguson, Clinton R. 2,695,238, Cl. 99—171.
- Ferguson, Daniel B. 2,675,975, Cl. 242—84.1.
- Ferguson, Edgar A., Jr., Brooklyn, N. Y. Nose drops. 2,666,012, Jan. 12.
- Ferguson, Edgar A., Jr., Brooklyn, N. Y. Pruritus therapy. 2,666,013, Jan. 12.
- Ferguson, George, and P. V. Pringle, to Westinghouse Air Brake Co. 2,687,921, Cl. 303—68.
- Ferguson, Glenn D. 2,691,994, Cl. 143—106.
- Ferguson, Gordon, executor: *See—*
Vasek, Otto A. 2,679,036.
- Ferguson, Harry, Holdings Ltd.: *See—*
Ferguson, Henry G., Chambers, and Sands. 2,689,513.
- Ferguson, Harry, Inc.: *See—*
Bunting, Ernest V. 2,677,322.
Gardner, Guy F. 2,697,393.
Grimshaw, John H. 2,691,929.
King, Robert W.
Klemm, Herman G. 2,692,008.
Klemm, Herman G., and Hautzenroeder.
Kopp, Lester G. 2,675,659.
Nelson, Noral A., and Landenberger. 2,685,988.
Nelson, Noral A., and Landenberger. 2,694,279.
Tominac, George T. 2,682,821.
- Ferguson, Harry, Limited, assignee: *See—*
Senkowski, Alexander, and Czarnocki.
- Ferguson, Harry, Research Limited, assignee: *See—*
Dixon, Frederick W.
- Ferguson, Henry G. 2,689,514, Cl. 97—47.62.
- Ferguson, Henry G., J. M. Chambers, and W. J. Sands; said Chambers and said Sands assors. to Harry Ferguson Holdings Ltd. 2,689,513, Cl. 97—46.07.
- Ferguson, J. L., Co.: *See—*
Ferguson, John L., and Talbot. 2,689,676.
- Ferguson, James T., Erie, Pa., assignor to General Electric Company. Chemical brightening of aluminum. 2,671,717, Mar. 9.
- Ferguson, John L., and R. C. Talbot, to J. L. Ferguson Co. 2,689,676, Cl. 226—71.
- Ferguson, John S., Glenview, Ill., assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Safety switch and fuse construction. 2,669,624, Feb. 16.
- Ferguson, Kenneth C., and N. F. Schaefer, assignors to Anderson Box Company. 2,678,765, Cl. 229—6.
- Ferguson, Oliver G. R.: *See—*
Neville, Hugh, Jr., and Ferguson. 2,676,729.
- Ferguson, Paul R., Union, N. J., assignor to The Stanley Works, New Britain, Conn. Door check. 2,673,367, Mar. 30.
- Ferguson, Ralph H., and F. B. Rosevear, to The Procter & Gamble Co. 2,686,761, Cl. 252—109.
- Ferguson, Richard: *See—*
Hinton, Charles V., and Ferguson. 2,685,709.
- Ferguson, Stanley R., Abernethy, Saskatchewan, Canada. Clamp for nonmetallic sheathed cables. 2,667,368, Jan. 26.
- Ferguson, Warren T., to Anderson Products, Inc. 2,687,146, Cl. 137—784.
- Ferguson, William, assignee: *See—*
Kramer, Harry C., and Thompson. 2,675,721.
- Ferguson, William L. 2,677,321, Cl. 97—23.
- Férier, Albert, Geneva, Switzerland. Apparatus for treating glass fiber cloth. 2,667,568, Jan. 26.
- Ferlaak, Bernard G., Jr.: *See—*
Whitson, Lee S., Tometz, and Ferlaak.
- Ferm, John F., assignor to Crucible Steel Company of America. 2,675,720, Cl. 80—32.
- Ferm, John F. 2,683,570, Cl. 242—78.
- Fern, Kenneth A., Johannesburg, Transvaal, Union of South Africa, and C. F. Allen, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Separation of coarse light minerals in multiple cyclone-separator stages. 2,668,667, Feb. 9.
- Fernandez, Carlos J., Marianao, Havana, Cuba. Fastening means for demountable wheels. 2,669,486, Feb. 16.
- Fernandez, Charles, San Francisco, Calif. Doorcheck. 2,670,979, Mar. 2.
- Fernandez, John J., ½ to G. S. Renard. 2,684,882, Cl. 309—24.
- Fernberg, Eric B., Pinner, England. Fastener. 2,666,245, Jan. 19.
- Fernberg, Eric B. 2,693,011, Cl. 20—69.
- Fernelius, Willis C., to the United States of America as represented by the United States Atomic Energy Commission. 2,695,213, Cl. 23—87.
- Ferrajolo, Nicola. 2,681,488, Cl. 24—90.
- Ferrand, Georges A. 2,677,171, Cl. 29—148.2.
- Ferranti Ltd.: *See—*
Pollard, Brian W., and Welby. 2,688,049.
Taylor, Maurice K.
Taylor, Maurice K. 2,685,611.
Walker, Donald F., and Taylor. 2,686,222.
Welby, Brian G.
- Ferrari, Andrés, to Technicon Chemical Co., Inc. 2,681,298, Cl. 167—84.5.
- Ferrari, Andres, Jr., to Scopicon, Inc. 2,682,006, Cl. 313—12.
- Ferrari, Andres, Jr., to Technicon Chemical Co., Inc. 2,684,925, Cl. 167—84.5.
- Ferrari, E. R., assignee: *See—*
Ferrari, Ernest R.
- Ferrari, Ernest R., Vancouver, Wash., assignor to A. W. Schaupp and E. R. Ferrari, a copartnership, doing business as American Smooth Saw Co., Klamath Falls, Oreg. Machine for splitting or resawing insulating boards. 2,664,923, Jan. 5.
- Ferrari, Ernest R. 2,684,697, Cl. 143—166.
- Ferrari, Ernest R. 2,685,311, Cl. 144—309.
- Ferrario, John J., San Francisco, and J. Dondero, San Anselmo, Calif. Apparatus for lifting cylindrical objects. 2,666,541, Jan. 19.
- Ferrario, Marino: *See—*
Gentilini, Augusto, and Ferrario. 2,675,736.
- Ferraro, Anthony P. 2,680,289, Cl. 30—29.5.
- Ferree, Roy E., assignee: *See—*
Calabro, Natale.
- Ferreira, Jorge. 2,691,371, Cl. 128—173.
- Ferrel, Gerald W. 2,679,897, Cl. 158—99.
- Ferrell, Clifford, to Woodings-Verona Tool Works. 2,682,188, Cl. 81—54.
- Ferrell, Enoch B., to Bell Telephone Laboratories, Inc. 2,686,271, Cl. 307—96.
- Ferrell, Tom F., Arlington, Tex. Facing concrete blocks with tile. 2,667,664, Feb. 2.
- Ferrer, Ricardo M., assignee: *See—*
Del Llano, Jose S.
- Ferris, Arthur F., assignor to Rohm & Haas Company. 2,678,306, Cl. 260—2.2.
- Ferris, Arthur F., and W. R. Lyman, assignors to Rohm & Haas Company. 2,678,307, Cl. 260—2.2.
- Ferris, Edwin G. 2,675,981, Cl. 248—166.
- Ferris, Herbert H., Jr., to Rohr Aircraft Corp. 2,682,147, Cl. 60—35.6.
- Ferris Instrument Laboratories: *See—*
Tyzzar, Howard J. 2,684,462.
- Ferris Mfg. Co., The: *See—*
Stingl, Joseph, and Lukas. 2,697,647.
- Ferris, Robert G., Harvard, Ill., assignor to Starline Inc. Salt container. 2,664,856, Jan. 5.
- Ferris, Robert G., Harvard, Ill., assignor to Starline Inc. Latch mechanism for gates. 2,668,381, Feb. 9.
- Ferris, Robert G., to Starline, Inc. 2,682,339, Cl. 211—75.
- Ferris, Robert G., to Starline, Inc. 2,683,585, Cl. 254—169.
- Ferris, Robert G., to Starline, Inc. 2,688,309, Cl. 119—27.
- Ferris, Robert G., and R. L. Yuenger, to Starline, Inc. 2,698,105, Cl. 214—93.
- Ferris, Roland B.: *See—*
Jay, Kenneth W., and Ferris.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydrodynamic machine. 2,670,689, Mar. 2.
- Ferris, Walter, assignor to The Oilgear Company. 2,674,196, Cl. 103—162.
- Ferro Corp.: *See—*
Ginther, James H. 2,688,807.
Johnson, Gordon H., and Wuellner.
Moss, Leroy L.
Skinner, Robert E., and McIntyre. 2,680,772.
Sweo, Benjamin J., and Moss. 2,695,249.
- Ferro Engineering Co., The: *See—*
Anthony, Benjamin F. 2,697,860.
Charman, Howard R. 2,676,703.
Peterson, Gustave A. 2,678,481.
- Ferro, Michael J., to G. N. Coughlan Co. 2,693,864, Cl. 183—4.8.
- Ferro Stamping Co.: *See—*
McKay, Donald E. 2,684,263.
- Ferros Metals Research Company Limited, assignee: *See—*
Chisholm, Gilbert G.
- Ferry, Frank F., Jr.: *See—*
Rundell, James E., and Ferry. 2,677,696.
- Ferry, John T., R. V. Bennett, O. E. Kase, and T. B. McGirr, to Remington Rand Inc. 2,681,145, Cl. 209—110.
- Ferstandig, Louis L., assignor to California Research Corporation. 2,678,941, Cl. 260—465.
- Ferstandig, Louis L., assignor to California Research Corporation. 2,678,942, Cl. 260—465.
- Fertik, Samuel, assignee: *See—*
Kennedy, Garfield R. 2,675,934.
- Fesler, James C.: *See—*
Carpenter, Otis R., and Fesler. 2,684,426.
- Fesler, James E. 2,697,479, Cl. 155—112.
- Fessler, Frank, to Permachem Corp. 2,689,809, Cl. 117—138.5.
- Fetherolf, James M., to The Sperry Corp. 2,692,985, Cl. 343—11.
- Fetterly, Lloyd C., Seattle, Wash., assignor to Shell Development Company, San Francisco, Calif. Complex-forming crystallization process. 2,670,343, Feb. 23.

- Fetterly, Lloyd C., El Cerrito, assignor to Shell Development Company, Emeryville, Calif. Separation of hydrocarbons with thiourea. 2,670,344, Feb. 23.
- Fetterolf, Luther D.: *See—*
Waring, Robert K., and Fetterolf. 2,693,410.
- Fettes, Edward M., assignor, by mesne assignments, to Reconstruction Finance Corporation. 2,676,165, Cl. 260—79.1.
- Feucht, Otto, and J. Söhlemann. 2,691,548, Cl. 299—95.
- Feuer, Henry, and A. A. Harban, assignors to Purdue Research Foundation. 2,679,338, Cl. 260—646.
- Feuge, Reuben O.: *See—*
Markley, Klare S., and Feuge. 2,686,796.
- Feustel, Irvin C.: *See—*
Clark, Frederick E., and Feustel.
- Few, William, and A. B. Pearson, to The Clark Controller Co. 2,692,318, Cl. 200—147.
- Fey, Josef. 2,682,823, Cl. 97—212.
- Feyrer, William F., assignor to N. L. Solomon, Englewood, N. J. Packaging apparatus and packaging. 2,667,019, Jan. 26.
- Feyzeau, André L. A.: *See—*
De France, Henri G. M., and Feyzeau. 2,690,471.
- Fiat Società per Azioni: *See—*
Baldwin, Philip S. 2,694,902.
Giacosa, Dante. 2,697,613.
- Fiberbond Laboratories Inc.: *See—*
Lawrence, Beardsley. 2,689,813.
- Fibleco Illinois Corp.: *See—*
Jackman, Arthur E. 2,683,489.
- Fichtel & Sachs A. G.: *See—*
Binder, Richard. 2,687,627.
- Fick, Harold F., Beloit, Wis., assignor to Rochester Button Company, Rochester, N. Y. Bleaching keratinous materials. 2,667,475, Jan. 26.
- Ficker, Vera. 2,678,886, Cl. 95—88.
- Fidelity Medical Supply Co., The, assignee: *See—*
Fullaway, Maurice G. 2,679,248.
- Fidell, Louis I., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Blending fibers. 2,671,250, Mar. 9.
- Fiedler, Henry, to Goodyear Aircraft Corp. 2,697,567, Cl. 244—83.
- Fiedorek, Fred T.: *See—*
Blomquist, Alfred T., and Fiedorek. 2,678,946.
Blomquist, Alfred T., Fiedorek, and Ryan.
Johnson, John R., Blomquist, and Fiedorek. 2,683,165.
- Field, Braham R., assignor to Alkaline Batteries, Limited, Redditch, England. Venting and pressure release arrangement of electric accumulators. 2,670,396, Feb. 23.
- Field, Braham R., assignor to Alkaline Batteries Limited, Redditch, England. Lid of electric accumulators. 2,671,819, Mar. 9.
- Field, Crosby. 2,679,953, Cl. 222—333.
- Field, Edmund, to Standard Oil Co. 2,683,177, Cl. 260—632.
- Field, Edmund, and M. Feller, to Standard Oil Co. 2,691,647, Cl. 260—88.1.
- Field, Edward A., Mendota, Ill. Barometric draft regulator. 2,671,615, Mar. 9.
- Field, Edward A. 2,680,564, Cl. 236—45.
- Field, Edward A. 2,682,299, Cl. 158—1.
- Field, Edward A. 2,692,640, Cl. 158—1.
- Field, Harold L.: *See—*
Westcott, Dana B., and Field.
- Field, Howard, Jr., assignee: *See—*
Reynolds, Philip L.
- Field, Howard, Jr. 2,694,405, Cl. 137—102.
- Field, Jacob M. 2,676,432, Cl. 46—61.
- Field, Lloyd M., deceased; F. J. F. Karcher, executrix, to A. R. Cochrane, trustee. 2,698,011, Cl. 123—169.
- Field, Richard E.: *See—*
Albus, Charles P., and Field. 2,689,799.
- Fieldcrest Mills, Inc.: *See—*
Simpson, Glenn H. 2,699,056.
Sturtevant, Fred W. 2,696,549.
- Fielden, Fred, Rochdale, assignor to Thomas Robinson & Son Limited, Rochdale, Lancashire, England. Counter-balanced roll positioning structure. 2,671,616, Mar. 9.
- Fielden, Richard J., and D. G. Wilkinson assignors to Imperial Chemical Industries Limited. 2,675,380, Cl. 260—243.
- Felder, Reuben E. 2,677,359, Cl. 123—142.5.
- Fields, Ernest, New York, N. Y. Single track game for two vehicles. 2,664,831, Jan. 5.
- Fields, George C., and T. H. Reddington, to Johnson Fare Box Co. 2,685,288, Cl. 128—142.
- Fields, Joseph E., to Monsanto Chemical Co. 2,687,427, Cl. 260—485.
- Fields, Mack R., to Abbott Laboratories. 2,695,612, Cl. 128—218.
- Fienberg, Nathan, and A. R. Calder, assignors to A. C. I. Plastics Proprietary Limited. 2,675,584, Cl. 18—30.
- Fiene, Clara E., administratrix: *See—*
Fiene, Marcus E.
- Fiene, Marcus E., deceased, Scotia, N. Y., by C. E. Fiene, administratrix, Scotia, N. Y., assignor to General Electric Company. Two-temperature refrigeration system. 2,665,558, Jan. 12.
- Fierke, Scheuring S., to Eastman Kodak Co. 2,691,579, Cl. 95—2.
- Fies, Emerson E.: *See—*
Fies, Emerson E. 2,696,335.
- Fies, Emerson E., to H. B. Noyes and E. E. Fies, a partnership, d. b. a. Noyes and Fies. 2,696,335, Cl. 226—18.
- Fies, Milton H., assignee: *See—*
Glaze, Paul E.
- Fiese, Lloyd T., assignee: *See—*
Puerta, Clemente L.
- Fiest, Max H., Toutle, Wash. Tensioning means for power-operated chain saws. 2,670,017, Feb. 23.
- Fiet, Owen O., assignor to Radio Corporation of America. 2,678,428, Cl. 333—97.
- Fife, Irwin L. 2,675,988, Cl. 251—284.
- Fifer, Raymond R.: *See—*
Norris, Raymond R., and Fifer. 2,692,711.
- Figley, James D., Defiance, Ohio. Panel fastener. 2,665,155, Jan. 5.
- Fike, Charles L.: *See—*
Barnes, Gladeon M., Fike, and Dean. 2,685,263.
- Filachione, Edward M., C. W. Beebe, E. H. Harris, Jr., and F. P. Luvisi, to the United States of America as represented by the Secretary of Agriculture. 2,694,725, Cl. 260—473.6.
- Filangeri, Dominick. 2,680,276, Cl. 25—124.
- Filar, Leo J., to Hercules Powder Co. 2,683,751, Cl. 260—621.
- Filatoff-Rocq, Pierre, San Francisco, and R. D. Stayner, Albany, assignors to California Research Corporation, San Francisco, Calif. Phosphonamic acids. 2,670,369, Feb. 23.
- Filger, Joseph B., Cincinnati, Ohio. Spray bottle with irremovable head. 2,672,141, Mar. 16.
- Filip, Ignacy. 2,679,776, Cl. 81—6.
- Filipowsky, Richard F. J., assignor to Companhia Portuguesa Radio Marconi, S. A. R. L. 2,676,202, Cl. 178—43.5.
- Filippi, Francis G., assignee: *See—*
Britton, Robert E. 2,676,753.
- Fillebrown, William C., to Bendix Aviation Corp. 2,685,206, Cl. 74—5.1.
- Filler, Isadore J. 2,682,839, Cl. 107—12.
- Fillery, Gordon T., and E. Patterson, said Patterson assor. to said Fillery. 2,693,002, Cl. 15—328.
- Filliette, Raymond, to La Télémechanique Electrique (Société Anonyme). 2,695,939, Cl. 200—153.
- Fillion, Stanley H., Scarsdale, assignor to Waugh Equipment Company, New York, N. Y. Towing snubber. 2,673,085, Mar. 23.
- Filiung, Jacques J., to Sloan Valve Co. 2,688,141, Cl. 4—101.
- Filling, Jacques J., to Sloan Valve Co. 2,688,515, Cl. 299—59.
- Filmer, R. H., Ltd.: *See—*
Kirby, Michael J. 2,690,866.
- Filmsort Inc.: *See—*
Langan, John F. 2,690,021.
Standish, Edward K.
- Filsinger, John F.: *See—*
Braun, Philip N., and Filsinger. 2,693,594.
- Filtrol Corporation, assignee: *See—*
Mickelson, Grant A.
- Finan, Frank B.: *See—*
Agruss, Bernard, and Finan. 2,674,642.
- Finan, Thomas J. 2,679,435, Cl. 301—45.
- Finch, Harry De V.: *See—*
Ballard, Seaver A., Finch, and Peterson. 2,693,497.
- Finch, Harry de V., and K. E. Furman, to Shell Development Co. 2,684,984, Cl. 260—586.
- Finch, Harry J., Oil City, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Apparatus for rolling threads into metal pipe. 2,669,139, Feb. 16.
- Finch, Harry J., Oil City, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Metal pipe having a rolled thread. 2,669,469, Feb. 16.
- Finch, Harry J., Oil City, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Metal pipe and coupling therefor. 2,673,751, Mar. 30.
- Finch, Harry J., assignor to Jones & Laughlin Steel Corporation. 2,674,760, Cl. 15—304.
- Finch, Harry J., to Jones & Laughlin Steel Corp. 2,691,906, Cl. 78—18.
- Finch, Raymond C., Astoria, Oreg. Device for and method of securing carpet ends. 2,673,169, Mar. 23.
- Finch, Roy L., Melcher, Iowa. Antijackknifing device for trailers. 2,668,720, Feb. 9.
- Finch, Roy L. 2,698,189, Cl. 280—432.
- Finchelstein, Lazare, Paris, France, and A. R. Baffrey, Liege, Belgium, assignors to Societe Marocaine Technique et Commerciale. Apparatus for welding by means of electromagnetic induction heating. 2,672,544, Mar. 16.
- Fincher, Louis, assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Pumping unit. 2,664,824, Jan. 5.
- Fincher, Louis, assignor to Lufkin Foundry & Machine Company. 2,678,771, Cl. 230—4.
- Fincke, Donald M. 2,691,207, Cl. 29—159.02.
- Fincke, John K., San Jose, Calif., assignor to Monsanto Chemical Company, St. Louis, Mo. β -(tertiary alkylmercapto) N-ethyl quaternary pyridinium and quolinium derivatives. 2,667,489, Jan. 26.
- Findlay, John H., and D. D. Knowles, to Westinghouse Electric Corp. 2,683,671, Cl. 117—26.

- Findlay, Robert A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for conversion of residual oils. 2,666,734, Jan. 19.
- Findlay, Robert A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of high octane gasoline. 2,667,446, Jan. 26.
- Findlay, Robert A., assignor to Phillips Petroleum Company. 2,674,563, Cl. 196—14.35.
- Findlay, Robert A., to Phillips Petroleum Co. 2,683,178, Cl. 260—645.
- Findlay, Robert A., to Phillips Petroleum Co. 2,684,933, Cl. 196—79.
- Findlay, Robert A., to Phillips Petroleum Co. 2,685,555, Cl. 196—14.
- Findlay, Robert A., to Phillips Petroleum Co. 2,689,211, Cl. 196—55.
- Findlay, Robert A., to Phillips Petroleum Co. 2,689,874, Cl. 260—666.
- Findlay, Robert A., to Phillips Petroleum Co. 2,692,225, Cl. 196—55.
- Findlay, Robert A., to Phillips Petroleum Co. 2,694,038, Cl. 202—23.
- Findlay, Robert A., to Phillips Petroleum Co. 2,698,282, Cl. 196—77.
- Findlay, Robert A., to Phillips Petroleum Co. 2,698,321, Cl. 260—96.5.
- Findlay, Robert A., and J. A. Weedman, assignors to Phillips Petroleum Company. 2,676,167, Cl. 260—96.5.
- Findlay, W. R., assignee: *See*—Harper, Arthur R.
- Findley, George W.: *See*—Blauw, Andrew, and Findley.
- Findley, George W., assignor, by mesne assignments, to Ford Motor Company. 2,674,278, Cl. 143—32.
- Fine, Jack E. 2,690,041, Cl. 36—27.
- Fine, Louis A. 2,678,495, Cl. 52—32.
- Fine, Richard D., III: *See*—Jefferson, George D., and Fine. 2,690,426.
- Fine, Allen V., Jr., and Fine. 2,683,101.
- Fine, Richard De Mott, III: *See*—Jefferson, George D., and Fine.
- Fine, Russell L. 2,674,645, Cl. 174—50.52.
- Fine Hardwoods Association, The: *See*—Farber, Eduard. 2,686,741.
- Fineran, Charles A., assignor to Elastic Stop Nut Corporation of America. 2,677,149, Cl. 18—36.
- Fineran, Charles A., to Elastic Stop Nut Corp. of America. 2,690,201, Cl. 151—19.
- Fingerhut, Solomon, to Zenith Plastics Co. 2,688,580, Cl. 154—100.
- Finholt, Robert W., to General Electric Co. 2,697,055, Cl. 154—80.
- Fink, Albert O., to the Commonwealth Engineering Co. of Ohio. 2,682,702, Cl. 29—197.
- Fink, August J. 2,677,911, Cl. 43—5.
- Fink, Carl J., Clarence, and C. E. Heintz, Elma, assignors to Creo-Dipt Company, Inc., North Tonawanda, N. Y. Multiple shingle structure. 2,672,831, Mar. 23.
- Fink, George A. 2,693,990, Cl. 346—32.
- Fink, Melvin M.: *See*—Faris, Robert B., Jr., Hardman, and Fink.
- Faris, Robert B., Jr., Hardman, Stine, and Fink. 2,677,271.
- Fink, Milton: *See*—Santini, Danilo, Keiper, and Fink. 2,674,348.
- Fink, Robert C., Sr., to The Galion Iron Works & Mfg. Co. 2,682,153, Cl. 61—63.
- Fink, Walter A., to Toledo Scale Co. 2,697,963, Cl. 88—24.
- Finke, Arno, to Maschinenfabrik Windmüller & Hölscher. 2,698,046, Cl. 154—42.
- Finke, Theodore, Euclid, assignor to The Radiant Corporation, Cleveland, Ohio. Antenna mounting clamp. 2,671,937, Mar. 16.
- Finkel Umbrella Frame Co., Inc., The: *See*—Militano, Vincent. 2,693,973.
- Finkelstein, Abraham, Mount Vernon, N. Y. Brassière. 2,664,564, Jan. 5.
- Finkelstein, Jacob, and J. Lee, to Hoffmann-La Roche Inc. 2,686,784, Cl. 260—293.
- Finkelstein, Jacob, and J. Lee, to Hoffmann-La Roche Inc. 2,695,290, Cl. 260—240.
- Finkelstein, William. 2,678,707, Cl. 190—57.
- Finkelstein, William. 2,695,691, Cl. 190—57.
- Finken, Walter S.: *See*—Frieder, Leonard P., and Finken. 2,680,577.
- Frieder, Leonard P., and Finken. 2,687,263.
- Frieder, Leonard P., and Finken. 2,693,195.
- Frieder, Leonard P., and Finken. 2,693,924.
- Finken, Walter S., and L. P. Frieder, to General Textile Mills, Inc. 2,690,126, Cl. 102—56.
- Finkenbinder, Dorothy J.: *See*—Mundt, Mera R., Finkenbinder, Ninemire, and Heighway. 2,696,873.
- Finlay, Alexander C.: *See*—Tanner, Fred W., Jr., Davisson, Finlay, and Kane. 2,689,854.
- Finlay, Walter L., Beaver, Pa., R. I. Jaffee, Worthington, and H. R. Ogden, Columbus, Ohio, assignors to Rem-Cru Titanium, Inc., Midland, Pa. Titanium base alloys containing tin. 2,669,514, Feb. 16.
- Finlayson, Frank E., N. Herman, and A. G. Swenson, to General Electric Co. 2,681,521, Cl. 38—82.
- Finlayson, Thomas R., and B. E. Lee, assignors to Magnesium Products of Milwaukee. 2,674,252, Cl. 135—4.
- Finley, Clyde A. 2,680,917, Cl. 34—133.
- Finley, Rhodes A. 2,683,374, Cl. 73—426.
- Finn, Donald J., assignee: *See*—Finn, Kenneth F. Re. 23,832.
- Finn, Kenneth F., assignor of 41% to D. J. Finn and 6% to A. H. Sturges. Re. 23,832, Cl. 81—165.
- Finn, Kenneth F. 2,692,523, Cl. 81—165.
- Finn, Sidney J.: *See*—Benedict, Walter L., and Finn.
- Finn, Sidney J., to United Shoe Machinery Corp. 2,692,533, Cl. 89—14.1.
- Finn, William J.: *See*—Dilworth, John P., Finn, and Puryear.
- Finne, Jacob V. S., to International Harvester Co. 2,690,638, Cl. 56—220.
- Finneburgh, Lewis H., Jr., and A. G. Turk, to The Gabriel Co. 2,694,539, Cl. 248—43.
- Finnegan, Lois M., Detroit, Mich., now by change of name Lois E. Moss. Hood-forming rain cloak. 2,667,641, Feb. 2.
- Finnell, Walter S., Elkhart, Ind. Floor-processing apparatus. 2,671,920, Mar. 16.
- Finnell, Walter S. 2,689,368, Cl. 15—171.
- Finney, David P., assignor to United States Steel Corporation. 2,675,718, Cl. 78—0.5.
- Fino, Alexander F., and F. L. Plummer, assignors to Hammond Iron Works, Warren, Pa. Storage tank. 2,670,100, Feb. 23.
- Finstead, Theron E., to Food Machinery and Chemical Corp. 2,696,900, Cl. 198—20.
- Finsterwalder, Ulrich, and P. Ebert, assignors to Dyckerhoff & Widmann Kommanditgesellschaft, Muenchen, Germany. Dam. 2,664,714, Jan. 5.
- Finucane, Thomas P., New Vernon, and W. A. Mitchell, Lincoln Park, N. J., assignors to General Foods Corporation, New York, N. Y. Composition for whipped egg white. 2,671,730, Mar. 9.
- Fiori, Irving I., to Art Specialty Co. 2,694,585, Cl. 287—14.
- Firestone Tire & Rubber Co., The: *See*—Albert, Harry E. 2,686,167.
- Albert, Harry E. 2,690,435.
- Albert, Harry E. 2,690,436.
- Allen, Raymond W.
- Armstrong, Robert R., and Wolf.
- Ballard, James W. 2,690,335.
- Bentz, Lloyd O. 2,686,199.
- Best, Chris E.
- Best, Chris E. 2,686,170.
- Bosomworth, George P., and Clark.
- Brandau, Karl W. 2,685,904.
- Broden, Edwin N. 2,685,926.
- Broden, Edwin N. 2,696,883.
- Brown, Roy W. 2,685,964.
- Carr, Edward L., and Smith.
- Chandley, Henry K. 2,685,905.
- Crane, Grant, and Barnhart. 2,686,207.
- Davis, Ralph C., and Deist.
- Deist, Herbert H. 2,685,909.
- Flener, Paul E., and Popadich. 2,685,925.
- Foster, Frederick C.
- Hensley, William A., and Albert. 2,686,162.
- Hovey, Frank T.
- Kidwell, Alfred S., and Rowland. 2,697,091.
- Kuhn, Max O. 2,685,857.
- Noall, John.
- Reid, Robert J., and Smith.
- Reid, Robert J., Smith, and Werner. 2,686,168.
- Slezak, Raymond J.
- Smith, George E. P., Jr., and Bennett. 2,686,163.
- Spencer, George A.
- Stevens, Horace D., and Waters.
- Waddell, Robert G. 2,685,907.
- Firey, Joseph C.: *See*—Denison, George H., Jr., Firey, and McLaughlin. 2,676,094.
- Firey, Joseph C., and E. J. McLaughlin, assignors to California Research Corporation. 2,676,093, Cl. 44—52.
- Fireye Corporation, assignee: *See*—Small, Robert L. 2,674,700.
- Firing, Osborne, to Scovill Mfg. Co. 2,689,390, Cl. 24—205.14.
- Firing, Peter C.: *See*—Meyer, Alfred W., Firing, and Pratt. 2,696,639.
- Firma Bruckbauer & Gotz: *See*—Bencetti, Ernest. 2,696,548.
- Firma Dipl.-Ing. Friedrich Henrich Flottmann, assignee: *See*—Bartholomae, Heinrich.
- Firma Fr. Hesser, Maschinenfabrik-Aktiengesellschaft, assignee: *See*—Jungmayr, Theodor.
- Firma Karl M. Reich: *See*—Reich, Kurt, and Walliser. 2,682,617.
- Firma Theodor Klatte, assignee: *See*—Nubling, Otto. 2,679,300.
- Firstenberger, L. W., assignee: *See*—Puerta, Clemente L.
- First National Bank of Amarillo, The, assignee: *See*—Graham, William T. 2,674,172.

- First National Bank of Kansas City, executor: *See*—
Cross, Roy.
- First National Bank of Philadelphia, The: *See*—
Messinger, William. 2,693,262.
- First National Bank of Strasburg, Virginia, The: *See*—
Leake, Arthur G. 2,693,043.
- Firth-Brown Tools Limited, assignee: *See*—
Booth, Christopher H. 2,678,571.
- Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Screw and handle assembly. 2,672,064, Mar. 16.
- Firth, David, assignor to Dodge Manufacturing Corporation. 2,677,283, Cl. 74—230.17.
- Firth, David, to Dodge Mfg. Corp. 2,697,947, Cl. 74—230.17.
- Firth, George, to McCulloch Motors Corp. 2,695,856, Cl. 154—80.
- Firth-Vickers Stainless Steels Ltd.: *See*—
Kirkby, Henry W., and Sykes. 2,693,413.
Smith, Edwin.
- Fiscella, John J.: *See*—
Gannon, John J., Powell, and Fiscella.
- Fisch, Richard A. 2,682,081, Cl. 18—47.5.
- Fisch, Richard A. 2,684,477, Cl. 340—367.
- Fischbach, Adolph, and D. Linden, assignors to the United States of America as represented by the Secretary of the Army. 2,679,547, Cl. 136—90.
- Fischbach, Adolph, and H. J. Mandel, to the United States of America as represented by the Secretary of the Army. 2,692,905, Cl. 136—166.
- Fischback, Bryant C.: *See*—
Harris, Guy H., and Fischback. 2,691,635.
- Fischback, Bryant C., Walnut Creek, Calif., assignor to The Dow Chemical Company, Midland, Mich. Metal xanthates of the haloaryloxyalkanols. 2,665,291, Jan. 5.
- Fischback, Bryant C., Walnut Creek, Calif., assignor to The Dow Chemical Company, Midland, Mich. Metal xanthates of the haloaryl polyalkylene glycol monomers. 2,665,292, Jan. 5.
- Fischer, Albert. 2,684,599, Cl. 74—351.
- Fischer, Albert M. 2,678,093, Cl. 159—11.
- Fischer, Albert M., to Metal-Glass Products Co. 2,689,818, Cl. 195—83.
- Fischer, Albert T. 2,688,577, Cl. 154—49.
- Fischer, Anna C., and R. O. Kubick, to R. A. Fischer & Co. 2,688,960, Cl. 128—36.
- Fischer, Arthur H., to Minerec Corp. 2,689,043, Cl. 209—166.
- Fischer, Arthur H., to Minerec Corp. 2,689,044, Cl. 209—166.
- Fischer, Arthur H., to Minerec Corp. 2,689,045, Cl. 209—166.
- Fischer, Arthur H., to Minerec Corp. 2,689,046, Cl. 209—166.
- Fischer, Don A.: *See*—
Fischer, Robert L. and D. A.
- Fischer, Edward M., assignee: *See*—
Vandas, Edward B., and Fischer.
- Fischer, Ernest O., Jr. 2,682,982, Cl. 224—42.1.
- Fischer, Georg, Aktiengesellschaft: *See*—
Von Zelewsky, Ottomar. 2,674,145.
Von Zelewsky, Ottomar. 2,693,125.
Von Zelewsky, Ottomar. 2,693,365.
Von Zelewsky, Ottomar. 2,695,543.
- Fischer, Hans F., New Philadelphia, Ohio, assignor to Joy Manufacturing Company. Replaceable blade fan. 2,665,054, Jan. 5.
- Fischer, Harry G., and L. J. Wendling, assignors to The Apex Machine & Tool Company, Dayton, Ohio. Composite bit screw driver. 2,667,194, Jan. 26.
- Fischer, Howard L. 2,683,547, Cl. 216—33.
- Fischer, Howard R.: *See*—
Roberts, James A., Fischer, and D'Haem. 2,685,865.
- Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Chipping hammer. 2,672,129, Mar. 16.
- Fischer, Howard R., and J. A. Roberts, to Chicago Pneumatic Tool Co. 2,682,793, Cl. 78—48.
- Fischer, John J., and J. K. Petry, assignors to The Paterson-Kelly Co., Inc. 2,677,534, Cl. 259—85.
- Fischer, Karl. 2,685,007, Cl. 200—67.
- Fischer, Karl A., Washington, D. C. Method and apparatus for electrooptical analysis of the crystalline content of liquids. 2,668,470, Feb. 9.
- Fischer, Murry. 2,695,937, Cl. 200—124.
- Fischer, Paul, and K. Schoen, assignors to A. Bachert. 2,679,209, Cl. 103—150.
- Fischer, Paul E., to General Mills, Inc. 2,696,245, Cl. 154—42.
- Fischer, Paul E., and N. I. Paulsen; said Fischer assignor to General Mills, Inc., and said Paulsen assignor to Reynolds Metals Company. 2,677,220, Cl. 53—17.
- Fischer, Paul E., M. B. Sturdevant, and D. F. Thomas, to General Mills, Inc. 2,681,722, Cl. 198—25.
- Fischer, Paul E., and M. B. Sturdevant, to General Mills, Inc. 2,690,865, Cl. 226—116.
- Fischer, Paul W., assignor to Union Oil Company of California. 2,678,697, Cl. 166—21.
- Fischer, Paul W., to Union Oil Co. of California. 2,696,468, Cl. 252—8.5.
- Fischer, Paul W., and R. A. Rogers, assignors to Union Oil Company of California. 2,679,478, Cl. 252—8.5.
- Fischer, Paul W., and R. A. Rogers, to Union Oil Co. of California. 2,687,375, Cl. 252—8.5.
- Fischer, R. A., & Co.: *See*—
Fischer, Anna C., and Kubick. 2,688,960.
- Fischer, Raymond C.: *See*—
Harrer, Paul H., and Fischer. 2,682,945.
- Fischer, Richard A.: *See*—
Arthur, Robert A., Kemper, and Fischer. 2,692,545.
- Fischer, Richard A., assignor to The Garrett Corporation, Los Angeles, Calif. Cabin pressure control. 2,669,175, Feb. 16.
- Fischer, Richard A., assignor to The Garrett Corporation, Los Angeles, Calif. Pneumatic valve. 2,672,085, Mar. 16.
- Fischer, Richard A., to The Garrett Corp. 2,691,516, Cl. 264—3.
- Fischer, Richard A., and R. A. Arthur, to The Garrett Corp. 2,692,546, Cl. 98—1.5.
- Fischer, Robert L. and D. A., Kirkwood, Mo. Portable ash tray for furniture. 2,673,601, Mar. 30.
- Fischer, William J.: *See*—
Ricigliano, Anthony D., and Fischer. 2,686,412.
- Fischgrund, Sidney, assignee: *See*—
Martin, Earnest E.
- Fischl, Ernst: *See*—
White, Leonard F., and Fischl. 2,674,367.
- Fischl, Ferenc, to Aktiebolaget Amerika-Matts. 2,681,056, Cl. 126—43.
- Fischl, Fred B., and E. B. Cyphers, to Standard Oil Development Co. 2,694,044, Cl. 252—32.7.
- Fischman, Martin, Brooklyn, N. Y., assignor to the United States of America as represented by the Secretary of the Navy. Pulse generator. 2,672,558, Mar. 16.
- Fiser, Ernest A. 2,687,357, Cl. 106—268.
- Fish, Charles R.: *See*—
Bojewicz, Robert H., and Fish. 2,674,033.
- Fish Engineering Corp.: *See*—
Hutchinson, Arthur J. L., Fish, and Hall. 2,687,184.
- Fish, Florence. 2,694,205, Cl. 2—313.
- Fish, George R., to Edwards Co., Inc. 2,683,872, Cl. 340—401.
- Fish, Herbert L., to Tubing Appliance Co. Inc. 2,680,985, Cl. 81—177.
- Fish, Herbert L., to Tubing Appliance Co. Inc. 2,693,123, Cl. 81—58.2.
- Fish Machinery Corp.: *See*—
Hunt, William H. 2,697,849.
- Fish, Ray C.: *See*—
Hutchinson, Arthur J. L., Fish, and Hall. 2,687,184.
- Fish, Richard H.: *See*—
Wright, David P., and Fish. 2,692,454.
- Fish-Schurman Corporation, assignee: *See*—
Schröder, Hubert.
- Fish, Walter D., to Joy Mfg. Co. 2,693,733, Cl. 86—20.
- Fishburn, Paul R., assignor to Erie Meter Systems, Inc. 2,680,538, Cl. 222—23.
- Fishburne, Francis B. 2,675,154, Cl. 226—71.
- Fishburne, Francis B., and W. L. Rice, Asheville, N. C. Hogshead handling apparatus. 2,667,279, Jan. 26.
- Fisher, Albert E. 2,678,831, Cl. 280—166.
- Fisher, Bernard, Philadelphia, Pa. Retaining means for flexible tubes. 2,669,231, Feb. 16.
- Fisher, Berne N., to General Instrument Corp. 2,681,227, Cl. 274—1.
- Fisher, Charles R., Jr., to Stromberg-Carlson Co. 2,691,066, Cl. 179—16.
- Fisher, Delmar W. 2,687,285, Cl. 259—154.
- Fisher, Edward W., Jr., and A. M. Chambers, Jr., assignors to The Garlock Packing Company, Palmyra, N. Y. Sealing device. 2,672,359, Mar. 16.
- Fisher, Elbert E., deceased, by M. W. Fisher, executrix, to M. W. Fisher, individually. 2,681,862, Cl. 106—65.
- Fisher, Elmer C., Columbus, Ohio. Adjustable sales tax stamp holder. 2,669,352, Feb. 16.
- Fisher, Emery J. 2,683,625, Cl. 299—140.
- Fisher, George H., to Minneapolis-Honeywell Regulator Co. 2,682,051, Cl. 343—108.
- Fisher, Glen E., assignor to Collins Radio Company. 2,675,986, Cl. 248—361.
- Fisher Governor Co., The: *See*—
Roberts, Bob R., and Wolfe. 2,698,026.
- Fisher, Guy N., to Kraft Foods Co. 2,695,847, Cl. 99—172.
- Fisher, Guy N., to Kraft Foods Co. 2,698,249, Cl. 99—178.
- Fisher, Hardin Y., to Soreng Products Corp. 2,692,354, Cl. 317—191.
- Fisher, Harold R.: *See*—
Crego, Francis T., and Fisher.
- Fisher, Harry C.: *See*—
Trosset, Stanley W., Jr., Fisher, and Holmes. 2,698,259.
- Fisher, Harry R. 2,686,360, Cl. 30—2.
- Fisher, Herman G.: *See*—
Doe, Walter P., and Fisher. 2,679,126.
- Fisher, Herman G., L. W. Sly, and W. P. Doe, to Fisher-Price Toys, Inc. 2,685,148, Cl. 46—114.
- Fisher, Howard J., China Lake, Calif., D. P. MacDougall, Los Alamos, N. Mex., and G. B. Kistiakowsky, Lincoln, Mass., assignors to the United States of America as represented by the Secretary of War. Liquid explosives. 2,668,102, Feb. 2.
- Fisher, Howard W. 2,677,229, Cl. 58—88.
- Fisher, Iva M. 2,694,428, Cl. 150—29.

- Fisher, Ivan K.: *See*—
Richardson, Arthur B. F. G., Tunnicliff, and Fisher. 2,678,838.
Richardson, Arthur B. F. G., Tunnicliff, and Fisher. 2,678,839.
- Fisher, J. N., assignee: *See*—
Hower, Russell E., and Kuntz.
- Fisher, Jacob. 2,674,536, Cl. 99—192.
- Fisher, James W.: *See*—
Groombridge, Walter H., Bates, and Fisher. 2,680,693.
Sammons, Charles W., and Fisher. 2,685,497.
Wheatley, Edward W., and Fisher. 2,688,011.
- Fisher, James W., and E. W. Wheatley, assignors to British Celanese Limited. 2,677,677, Cl. 260—78.4.
- Fisher, Jesse, to G. F. Meyer. 2,686,382, Cl. 43—42.28.
- Fisher, John, to The Warner & Swasey Co. 2,695,635, Cl. 139—126.
- Fisher, John L., assignor to Spray-Blast Corporation of America. 2,677,381, Cl. 134—56.
- Fisher, Marlew W., executrix: *See*—
Fisher, Elbert E. 2,681,862.
- Fisher, Martin H., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic amplifier speed regulator control. 2,666,878, Jan. 19.
- Fisher, Nathan, Mount Kisco, N. Y. Headlamp rim light. 2,668,902, Feb. 9.
- Fisher, Oakley F., assignor to Milwaukee Resistor Company, Milwaukee, Wis. Fusible resistor. 2,672,542, Mar. 16.
- Fisher-Price Toys, Inc.: *See*—
Doe, Walter P., and Fisher. 2,679,126.
Fisher, Herman G., Sly, and Doe. 2,685,148.
- Fisher, Robert G. 2,675,629, Cl. 34—87.
- Fisher, Walter J., and T. Eccles, Spondon, near Derby, England, assignors to British Celanese Limited. Yarn-supply creel. 2,665,857, Jan. 12.
- Fisher, William G. 2,692,208, Cl. 106—252.
- Fishman, Anita, Chicago, Ill. Chute for flour sifters. 2,669,356, Feb. 16.
- Fishman, Norman: *See*—
Graham, Robert P., Neel, and Fishman.
- Fishmaster, John: *See*—
Newton, John E. 2,677,208.
- Fishwick, Robert, London, assignor to C. V. A. Jigs Moulds & Tools Limited, Hove, Sussex, England. Chuck. 2,670,214, Feb. 23.
- Fishwick, Robert, London, assignor to C. V. A. Jigs Moulds & Tools Limited, Hove, Sussex, England. Chuck. 2,670,215, Feb. 23.
- Fisk, Bert: *See*—
True, Virgil, Fisk, and Spencer. 2,698,405.
- Fisk, Bert, and C. L. Spencer. 2,675,523, Cl. 332—23.
- Fisk, Bert, and C. L. Spencer. 2,685,643, Cl. 250—20.
- Fisk, Charles F., to United States Rubber Co. 2,684,352, Cl. 260—45.5.
- Fisk, Charles F., to United States Rubber Co. 2,693,459, Cl. 260—45.5.
- Fisk, Donald L.: *See*—
Brazil, Thomas C., Fisk, and Privett. 2,688,185.
- Fisk, Gustaf L. 2,696,907, Cl. 203—310.
- Fiske, David L.: *See*—
Clevert, Merton L., Jr., and Fiske. 2,690,463.
- Fisler, Leland H., assignor to Sylvania Electric Products Inc. 2,677,173, Cl. 29—25.3.
- Fisler, Leland H., and W. V. Schweitzer, assignors to The American Hardware Corporation. 2,677,953, Cl. 70—224.
- Fisler, Leland H., and W. V. Schweitzer, to The American Hardware Corp. 2,694,919, Cl. 70—216.
- Fisler, William C., Moorestown, N. J., and O. M. Summers, assignors to Linear Incorporated, Philadelphia, Pa. V-type packing for eliminating labyrinth flow. 2,665,151, Jan. 5.
- Fismer, William L., Verona, N. J. Drill press. 2,664,756, Jan. 5.
- Fitch, Clyde J., to International Business Machines Corp. 2,682,043, Cl. 340—147.
- Fitch, Dudley. 2,677,289, Cl. 76—31.
- Fitch, Jason A., to Art Metal Construction Co. 2,686,647, Cl. 248—194.
- Fitchburg Engineering Corp.: *See*—
Forman, William O. 2,682,996.
- Fitchett, Thomas S. 2,681,105, Cl. 164—60.
- Fitchett, Thomas S., and L. Rockstrom, to F. X. Hooper Co., Inc. 2,693,755, Cl. 101—350.
- Fite, Marcia, Poughkeepsie, N. Y. Wicker golf bag. 2,665,727, Jan. 12.
- Fites, Cyril B., and S. Ryan, to Wagner Electric Corp. 2,690,359, Cl. 303—26.
- Fitter, Emil H. 2,678,845, Cl. 299—69.
- Fitts, Brady E., to B. A. Greenberg. 2,686,537, Cl. 139—38.
- Fitts, Harvey A.: *See*—
Wilcox, Francis P., Fitts, and Boyce. 2,697,846.
- Fitzgerald, Albert J., Syracuse, N. Y., assignor to General Electric Company. Jointure for prefabricated structures. 2,673,105, Mar. 23.
- Fitzgerald, Albert J., to General Electric Co. 2,682,326, Cl. 189—82.
- Fitzgerald, Charles F., and A. C. D'Arcey, to United Shoe Machinery Corp. 2,694,820, Cl. 12—86.65.
- Fitz Gerald, Harold G., Los Angeles, Calif. Image slide projector apparatus. 2,669,156, Feb. 16.
- Fitzgerald, Harold J. 2,687,621, Cl. 62—89.5.
- Fitzgerald, Maurice E. H.: *See*—
Campbell, Norman R., Fitzgerald, and Collier.
- Fitzgerald, Russell C., to The Shaw-Walker Co. 2,696,393, Cl. 282—29.
- Fitz Gerald, William P.: *See*—
Banes, Fred W., and Fitz Gerald.
Banes, Fred W., Fitz Gerald, Nelson, and Gilliland.
- Fitz John, Arthur P., Sheffield, assignor of one-half to George Turton Platts & Company Limited, Wincobank, Sheffield, England. Improved shock absorbing and cushioning device. 2,673,733, Mar. 30.
- Fitzpatrick, John T., Charleston, W. Va., assignor to Union Carbide and Carbon Corporation. Isomerization of dichlorobenzenes. 2,666,085, Jan. 12.
- Fitzpatrick, Karl W., assignee: *See*—
Aske, Irving E.
- Fitzpatrick, Michael F.: *See*—
Donnelly, Edmund A., and Fitzpatrick. 2,694,267.
- Fitzpatrick, W. J., Co., The: *See*—
Kovac, George M. 2,693,915.
- Fitzsimmons, William J., Chicago, Ill. Rubber seal. 2,668,067, Feb. 2.
- Fitzsimmons, Worth M., to American Cyanamid Co. 2,693,278, Cl. 209—166.
- Fitzwilliam, James W.: *See*—
Arnold, George B., Hess, Truitt, and Fitzwilliam.
- Fitzwilliam, James W., Beacon, and G. B. Arnold, Glenham, assignors to The Texas Company, New York, N. Y. Separation of low molecular weight hydrocarbons from hydrocarbon mixtures with a complexing agent. 2,666,048, Jan. 12.
- Fiumedoro, Ali J., Boston, Mass. Health chair construction. 2,673,736, Mar. 30.
- Flagg, Raymond P., Moundsview Township, Ramsey County, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermoelectric generator. 2,665,321, Jan. 5.
- Flaherty, William M.: *See*—
Turscak, June L., and Flaherty. 2,678,449.
- Flaig, Max, Bridgeport, Conn. Resiliently expansible multisectional metallic bands. 2,667,739, Feb. 2.
- Flakice Corp.: *See*—
Andrews, John M. 2,691,275.
Raver, Francis M. 2,697,919.
- Flam, John: *See*—
Winger, Stover C. 2,696,829.
- Flamand, Maurice R.: *See*—
Budzyrna, Walter J., and Flamand.
- Flamm, Alexander L., Bridgeport, Conn., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter. 2,671,328, Mar. 9.
- Flamm, Peter, assignor to Arno Thun. 2,679,753, Cl. 73—115.
- Flamm, Peter, assignor to Arno Thun. 2,679,754, Cl. 73—115.
- Flanagan, Bernard J., and H. Mulhall, to British Celanese Ltd. 2,697,928, Cl. 68—180.
- Flanagan, George L. 2,681,505, Cl. 30—125.
- Flanagan, Robert, Houston, Tex., assignor to United States of America as represented by the Secretary of the Army. Folding bore sight. 2,669,024, Feb. 16.
- Flanagan, Robert M.: *See*—
Troeger, Henry, and Flanagan.
- Flanagan, Robert M., to Bendix Aviation Corp. 2,693,380, Cl. 287—130.
- Flanders, Roy A., Pratt, Kans. Mobile elevator for invalids. 2,666,212, Jan. 19.
- Flansaas, Albert G. 2,681,538, Cl. 56—23.
- Flath, David. 2,680,013, Cl. 265—40.
- Flatz, Emil, J. Hövel, and O. Cordier, to Klöckner-Humboldt-Deutz Aktiengesellschaft. 2,687,714, Cl. 123—193.
- Flatz, Emil, and J. Hövel, to Klöckner-Humboldt-Deutz Aktiengesellschaft. 2,691,366, Cl. 123—41.69.
- Flautt, John B. 2,696,057, Cl. 36—11.5.
- Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Method and apparatus for mounting filament wire. 2,667,189, Jan. 26.
- Flaws, John, Jr., and J. W. Anthony, to General Electric Co. 2,683,473, Cl. 140—71.6.
- Flaws, John, Jr., and J. W. Anthony, to General Electric Co. 2,696,849, Cl. 140—71.5.
- Fleck, Alexander, Ltd., The: *See*—
Hyman, Howard D. 2,697,966.
- Fleck, Kenneth J., and S. J. Kranc, to Caterpillar Tractor Co. 2,696,786, Cl. 103—41.
- Fleck, William P., and H. J. Amon. 2,692,686, Cl. 210—179.
- Fleco Corp.: *See*—
Jessup, Thomas S. 2,692,544.
- Fleet of America, Inc.: *See*—
Smith, Tom Y. 2,694,840.
- Flehr and Swain: *See*—
Bachmann, Jakob A. 2,690,019.
- Fleisch, Alfred. 2,687,128, Cl. 128—2.07.
- Fleisch, Edward L. 2,693,258, Cl. 190—11.
- Fleischer, Andrew W., assignor to Becton Dickinson and Company. 2,675,087, Cl. 181—24.
- Fleischer, Arthur, Northampton, Mass., assignor to the United States of America as represented by the Secretary of the Army. Nickel oxide-carbonyl nickel sintered plates. 2,672,494, Mar. 16.

- Fleischer, Arthur, Northampton, Mass., assignor to the United States of America as represented by the Secretary of the Army. Sintered plate for nickel-cadmium secondary batteries. 2,672,495, Mar. 16.
- Fleischer, Erich, New York, N. Y. Interlocking insulation cover for cable connectors and terminals. 2,670,870, Mar. 2.
- Fleischer, Leo S., and R. C. Tackenberg, Cincinnati, assignors to The Crystal Tissue Company, Middletown, Ohio. Wrapping and packaging machine. 2,673,430, Mar. 30.
- Fleischer, Srend S. C. 2,690,606, Cl. 28—43.
- Fleischhauer, Heinrich: See—
- Overath, Wilhelm A., Kallenbach, and Fleischhauer.
- Fleischmann, Richard, assignor to J. A. Wulfinz, Gronau, Hannover, Germany. Calcium lactate suppository. 2,665,235, Jan. 5.
- Fleisher, Gerard A.: See—
- Kendall, Edward C., and Fleisher. 2,683,153.
- Fleisher, Harry, and J. Homer. 2,676,644, Cl. 155—79.
- Fleisig, Max. 2,679,929, Cl. 206—62.
- Fleissner, H., & Sohn, Maschinenfabrik, assignee: See—
- Kropf, Emil.
- Fleming, Arnold J. 2,684,587, Cl. 70—430.
- Fleming, Henry F. 2,675,722, Cl. 81—6.
- Fleming, Howard M., assignor to Monroe Calculating Machine Company. 2,678,161, Cl. 235—60.23.
- Fleming, James E., Nashville, Tenn. Bedcover holder. 2,673,356, Mar. 30.
- Fleming, Karl J., Allentown, Pa., assignor to General Electric Company. Circuit breaking switch for small electric motors. 2,671,192, Mar. 2.
- Fleming, Karl J., to General Electric Co. 2,687,079, Cl. 99—337.
- Fleming, Lester J. 2,677,022, Cl. 200—60.
- Fleming, Marston G.: See—
- Pryor, Edmund J., Fleming, and Wrobel. 2,698,088.
- Fleming, Myron T., Wyncote, Pa. Safety ski binding. 2,669,459, Feb. 16.
- Fleming & Sons, Inc.: See—
- Watts, Russell E. 2,691,499.
- Fleming, Thomas F. 2,679,775, Cl. 81—5.1.
- Fleming, William M., and M. Klein, assignors to Eskimo Pie Corporation. 2,678,591, Cl. 93—55.1.
- Fleming, William T., to Specialties Development Corp. 2,681,590, Cl. 88—14.
- Fleming-Williams, Brian C., and C. R. Woodward, assignors to A. C. Cossor Limited. 2,677,090, Cl. 318—443.
- Flemming, Albert E., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle directional signal system. 2,667,602, Jan. 26.
- Flener, Paul E., and M. V. Popadich, to The Firestone Tire & Rubber Co. 2,685,925, Cl. 164—38.
- Flenner, Albert L., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Lead removal from solution of alkyl mercury salt and alkyl lead salt. 2,673,869, Mar. 30.
- Flentje, John L., to Allis-Chalmers Mfg. Co. 2,683,403, Cl. 97—46.07.
- Flesner, Eugene E., and J. Lynch, assignor to Jewel Tea Company, Inc., Chicago, Ill. Conveyer counter. 2,670,135, Feb. 23.
- Fletcher, Arthur L.: See—
- Claybourn, Glen L., and Fletcher. 2,689,293.
- Fletcher Aviation Corp.: See—
- Fletcher, Wendell S. 2,686,609.
- Fletcher, Charles J.: See—
- Fletcher, Horace R. 2,689,615.
- Fletcher, E. C., assignee: See—
- Fletcher, Russell H.
- Fletcher, Ed: See—
- Radtke, Adelbert C., and Fletcher. 2,693,429.
- Fletcher, Ed, to Owens-Corning Fiberglas Corp. 2,687,599, Cl. 49—54.
- Fletcher, Edward H., assignor to Deere Manufacturing Co. 2,676,686, Cl. 192—113.
- Fletcher, Edward H., to Deere Mfg. Co. 2,691,462, Cl. 220—55.
- Fletcher, Horace R., to C. J. Fletcher and M. W. Berg. 2,689,615, Cl. 170—135.22.
- Fletcher, Irving J.: See—
- McConnell, Frank J., and Fletcher. 2,697,342.
- Fletcher, Milton, assignee: See—
- De Wiess, Ferdinand A.
- Fletcher, Robert I. 2,694,033, Cl. 195—139.
- Fletcher, Russell H., assignor of one-fourth to E. C. Fletcher, one-fourth to V. Anderson, and one-fourth to B. Alexander, Dallas, Tex. Device for transferring fluids. 2,669,483, Feb. 16.
- Fletcher, Wendell S., to Fletcher Aviation Corp. 2,686,609, Cl. 220—5.
- Fletcher, William A.: See—
- Nichols, Charles A., Clevenger, Fletcher, and Zion. 2,677,874.
- Fletcher, William A., assignor to General Motors Corporation. 2,676,799, Cl. 271—2.5.
- Fletcher, William A., assignor to General Motors Corporation. 2,680,018, Cl. 271—2.5.
- Fletcher Works Incorporated, assignee: See—
- Egee, Walter W.
- "Flexa" Industria Materie Plastice S. p. A.: See—
- Tamburini, Bruno. 2,694,744.
- Flexible Pumps, Inc., assignee: See—
- Rand, Henry J.
- Flexible Sewer Rod Equipment Co.: See—
- Ciacchio, Peter L. 2,689,705.
- Flexible Tubing Corp., The: See—
- Guiles, Wesley L. 2,683,466.
- Flex-O-Lite Mfg. Corp.: See—
- Bland, Charles C. 2,684,788.
- Flex-Prop Corp., Inc.: See—
- Schroeder, Arlo E. 2,685,144.
- Flick, Francis S., to Miller Fluid Power Co. 2,683,463, Cl. 137—255.
- Flieg, Oskar: See—
- Becke, Friedrich, and Flieg. 2,697,094.
- Flight Equipment and Engineering Corp., assignee: See—
- Liljengren, Curtis P., and McGregor. 2,674,300.
- Flight Refuelling Ltd.: See—
- Cobham, Alan J., Latimer-Needham, and Macgregor. 2,692,103.
- Cobham, Alan J., Latimer-Needham, Smith, and Macgregor. 2,692,102.
- Guiver, Dennis W. 2,692,104.
- Worldidge, Ronald F. 2,675,824.
- Flight Research, Inc.: See—
- Hardway, Edward V., Jr. 2,683,514.
- Haskins, Robert.
- Flindt, Charles L., San Jose, Calif. Sole rounding and trimming machine. 2,666,219, Jan. 19.
- Flinn, George E.: See—
- Kelbel, Donald W., and Flinn. 2,693,711.
- Flinn, George E., to Borg-Warner Corp. 2,682,786, Cl. 74—732.
- Flinn, Richard A., and R. H. Schaefer, to American Brake Shoe Co. 2,686,743, Cl. 148—21.55.
- Flint, Eugene M., Maywood, Ill., assignor to Vapo Systems Company. Apparatus for treating flexible webs. 2,672,844, Mar. 23.
- Flint, George W.: See—
- Weitkamp, Alfred W., Arkis, and Flint. 2,676,955.
- Flint, Hyland C., Birmingham, assignor to American Metal Products Company, Detroit, Mich. Zigzag spring seat back having alternate springs of different lengths and form. 2,666,477, Jan. 19.
- Flint, Hyland C., to American Metal Products Co. 2,695,658, Cl. 155—179.
- Flint, Hyland C., and R. J. Williams, to American Metal Products Co. 2,684,844, Cl. 267—1.
- Flint, James A., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Balanced sectionalized vibratory conveyer. 2,669,344, Feb. 16.
- Flint, Thomas, Concord, Mass., assignor to American Machine and Foundry Company. Pin distributing mechanism for bowling pin spotting machines. 2,672,341, Mar. 16.
- Flis, Frank E. 2,686,371, Cl. 33—174.
- Flogaus, Howard A., Wallingford, assignor to South Chester Corporation, Chester, Pa. Rivet. 2,668,468, Feb. 9.
- Flohr, William P., Jr., assignor to Landis Tool Company. 2,678,521, Cl. 51—105.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Ticket strip. 2,665,509, Jan. 12.
- Flood, Carl A., to Dennison Mfg. Co. 2,691,198, Cl. 24—123.
- Flora, Clifford T., to Pullman-Standard Car Mfg. Co. 2,691,715, Cl. 219—8.
- Flora, Laurence H.: See—
- Hartman, Richard A., and Flora.
- Flora, Laurence H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Molding clip. 2,670,512, Mar. 2.
- Flora, Laurence H., assignor to Tinnerman Products, Inc. 2,674,150, Cl. 85—36.
- Flora, Laurence H., assignor to Tinnerman Products, Inc. 2,677,862, Cl. 24—73.
- Flora, Laurence H., to Tinnerman Products, Inc. 2,683,577, Cl. 248—27.
- Flora, Laurence H., to Tinnerman Products, Inc. 2,689,027, Cl. 189—88.
- Flora, Laurence H., to Tinnerman Products, Inc. 2,689,992, Cl. 24—73.
- Flora, Laurence H., to Tinnerman Products, Inc. 2,692,413, Cl. 24—16.
- Flora, Laurence H., to Tinnerman Products, Inc. 2,697,862, Cl. 24—81.
- Flora, Laurence H., and J. Balint, assignors to Tinnerman Products, Inc., Cleveland, Ohio. Support. 2,665,103, Jan. 5.
- Floral Fence, Inc., assignee: See—
- Oberwerger, William.
- Florence, Estel E., Buffalo, Minn. Adjustable wrench having inner jaw actuated by pivotal handle. 2,669,146, Feb. 16.
- Florence, Noel S., to Lightolier, Inc. 2,694,775, Cl. 240—51.11.
- Florence Stove Company, assignee: See—
- Reeves, Herbert M. 2,675,797.
- Schneider, Frank H.
- Flores, Brigido H., Jr. 2,692,593, Cl. 124—18.
- Flores, Fernando B. 2,678,164, Cl. 235—91.
- Flores, Hector: See—
- Slocombe, Robert J., Flores, and Cleveland. 2,680,127.
- Flores, Hector, assignor to Monsanto Chemical Company. 2,680,129, Cl. 260—453.

- Flores, Hector., assignor to Monsanto Chemical Company. 2,680,130, Cl. 260—453.
- Florin, Philip, Inc.: *See—*
Berger, Benjamin S. 2,694,429.
- Florman, Irving. 2,692,490, Cl. 67—7.1.
- Florschutz, Fritz E.: *See—*
MacNeill, John B., Florschutz, Lindstrom, and Tremblay.
- Flory, Paul J., to The Goodyear Tire & Rubber Co. 2,682,526, Cl. 260—75.
- Flory, Paul J., to The Goodyear Tire & Rubber Co. 2,691,006, Cl. 260—45.4.
- Flory, Thomas W., Folkestone, England. Floating tool-holder. 2,671,667, Mar. 9.
- Flostroy, Alfred E. 2,678,212, Cl. 268—124.
- Flournoy, Algernon F., by decree of distribution to M. T. Flournoy. 2,690,743, Cl. 126—246.
- Flournoy, Margaret T.: *See—*
Flournoy, Algernon F. 2,690,743.
- Flowers, Leon J., Maspeth, and W. H. Slagle, Astoria, assignors of three-fourths to said Flowers and one-fourth to S. Babinski, Long Island, N. Y. Broken spark plug remover. 2,670,639, Mar. 2.
- Flowers, Thomas H., London, England. Electrical switching system. 2,666,809, Jan. 19.
- Flowers, Thomas H. 2,683,772, Cl. 179—18.
- Flowers, William H., and R. S. Plexico, to General Motors Corp. 2,696,124, Cl. 74—325.
- Floyd, Joseph E.: *See—*
Hodges, William A., and Floyd. 2,682,337.
- Fluckiger, Willy, and J. Huguenin. 2,688,799, Cl. 32—5.
- Flues, Robert H., assignor to Weld-O-Welt Corporation, Detroit, Mich. Weather welt. 2,671,935, Mar. 16.
- Fluidal Valves, Inc., assignee: *See—*
Page, John S. 2,676,611.
- Flum, Herman H.: *See—*
Hallerberg, Theodore W., Roberts, Schmidt, and Flum. 2,677,124.
- Fluor Corp., Ltd., The: *See—*
Conison, Joseph. 2,697,587.
- Flurscheim, Cedric H., R. W. Sillars, and K. J. Saulez, assignors to General Electric Company. 2,675,505, Cl. 317—11.
- Flurschutz, Glenn E., Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Interlocked seal for rotary regenerative preheaters. 2,666,624, Jan. 19.
- Flurschutz, Glenn E., to The Air Preheater Corp. 2,692,760, Cl. 257—6.
- Flynn & Emrich Co.: *See—*
Turner, James F., and Breidenbaugh. 2,690,721.
- Flynn, George J.: *See—*
Rich, Harold, and Flynn. 2,685,674.
- Flynn, Gregory, Jr., to General Motors Corp. 2,687,931, Cl. 309—19.
- Flynn, Howard A. 2,688,886, Cl. 74—752.
- Flynn, James C.: *See—*
Shnitzler, Meyer J., Benedict, Abrams, and Flynn. 2,680,291.
- Flynn, Major G.: *See—*
Crossland, Theodore K. 2,688,881.
- Fochs, Herbert N.: *See—*
Dondero, John A., and Fochs. 2,679,640.
- Focht, George H. 2,693,139, Cl. 97—34.
- Focke, Urban G.: *See—*
Shoffner, Willie M., and Focke. 2,685,996.
- Foderaro, Edward J.: *See—*
Swartz, C. Kenneth, Calpin, and Foderaro. 2,688,159.
- Foecking, Norbert J.: *See—*
Claridge, Elmond L., and Foecking. 2,682,395.
- Foehrenbach, Arthur F., to Republic Steel Corp. 2,689,573, Cl. 129—28.
- Foerstel, Edmund C., and R. L. Kelsey, Los Angeles, Calif. Vacuum cleaner, including sectional housing and fastening means therefor. 2,665,445, Jan. 12.
- Foerster, Charles V.: *See—*
Cape, Arthur T., and Foerster. 2,695,943.
- Fog, Ivar K.: *See—*
Waite, Griffin G., and Fog. 2,691,763.
- Fogg, George W. S., to Motorola Inc. 2,696,575, Cl. 317—235.
- Fohl, Harold J.: *See—*
Touchett, Vern T., and Fohl. 2,694,825.
- Foisy, George A., assignor to Olin Industries, Inc., New Haven, Conn. Press for extruding tubular articles and automatic feed mechanism therefor. 2,673,644, Mar. 30.
- Foisy, Richard, and J. A. Vezina, Montreal, Quebec, Canada, assignors of one-third to Lucien Forestier, Basking Ridge, N. J. Automatic pick and pick motion in weaving looms. 2,669,260, Feb. 16.
- Foley, Ansley T. 2,674,023, Cl. 26—57.
- Foley, Charles H.: *See—*
Summers, Maurice R. 2,688,962.
- Foley, Charles H. 2,698,170, Cl. 263—8.
- Foley, Jerald E., Grosse Point Woods, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Torque converter transmission. 2,671,357, Mar. 9.
- Foley, Matthew J.: *See—*
Rice, Edgar E., and Foley. 2,694,741.
- Foley, Robert T., and O. P. McCarty, assignors to General Electric Company. 2,680,174, Cl. 200—166.
- Folger, Charles J., and R. M. Roberts, assignors to Owens-Corning Fiberglas Corporation. 2,676,898, Cl. 117—126.
- Folkers, Karl: *See—*
Hoffman, Dorothea H., Harris, and Folkers. 2,695,297.
- Hoffman, Dorothea H., Shunk, and Folkers.
Peck, Robert L., Hoffhine, and Folkers. 2,691,675.
- Folkins, Hillis O., and E. Miller, Crystal Lake, and H. Hennig, Cary, Ill., assignors to Food Machinery and Chemical Corporation, New York, N. Y. Production of carbon disulfide. 2,666,690, Jan. 19.
- Folkins, Hillis O., Crystal Lake, and E. Miller, Evanston, Ill., assignors, by mesne assignments, to Food Machinery and Chemical Corporation, New York, N. Y. Production of carbon disulfide. 2,668,752, Feb. 9.
- Folkrod, Clinton B.: *See—*
Buhler, James D., Folkrod, and Gunderson. 2,678,205.
- Follett, Archie E.: *See—*
Fryling, Charles F., and Follett. 2,685,576.
- Fryling, Charles F., and Follett. 2,686,165.
- Folly, John L., assignor to Radio Corporation of America. 2,680,527, Cl. 214—1.
- Folscheid, Louis W., San Francisco, Calif. Key retaining device. 2,672,043, Mar. 16.
- Folstad, Curtis T. 2,692,757, Cl. 255—61.
- Foltis, Anestis. 2,677,162, Cl. 24—205.14.
- Folwell, John H., assignor to Eastman Kodak Company, Rochester, N. Y. Pressure sensitive adhesives containing graphite. 2,670,306, Feb. 23.
- Folz, Joseph J., to Horace T. Potts Co. 2,695,182, Cl. 285—22.
- Fonderies Debard, assignee: *See—*
Vuillemin, Jean G. 2,675,830.
- Fondiller, William, assignor to Bell Telephone Laboratories, Incorporated. 2,676,305, Cl. 333—2.
- Fondiller, William, to Bell Telephone Laboratories, Inc. 2,686,215, Cl. 174—15.
- Fondiller, William, to Bell Telephone Laboratories, Inc. 2,692,961, Cl. 317—100.
- Fondriest, James E.: *See—*
Fondriest, Leo K., and J. E.
- Fondriest, Leo K., and J. E., Dover, Ohio. Gravity unloading apparatus for vehicles. 2,670,861, Mar. 2.
- Fong, Arthur, Los Angeles, Calif. Linear sweep generator. 2,671,858, Mar. 9.
- Fonjallaz, Roger. 2,696,724, Cl. 68—216.
- Fonken, Gunther S.: *See—*
Hanze, Arthur R., and Fonken. 2,691,029.
- Fonner, Dale E.: *See—*
Nicholls, Richard S., and Fonner. 2,689,814.
- Fons, Silas C., and W. V. Rollins, to United States Steel Corp. 2,695,142, Cl. 242—115.
- Font, Ramón, assignor, by mesne assignments, to Premier Research Laboratories Inc. 2,677,775, Cl. 310—9.2.
- Fontaine, John P. K. 2,687,224, Cl. 214—147.
- Fontal, Alfonso M. 2,687,030, Cl. 70—184.
- Fontana, Celeste M., and R. J. Herold, assignors to Socony-Vacuum Oil Company, Incorporated. 2,678,957, Cl. 260—683.15.
- Fontana, Frank J., to Richfield Oil Corp. 2,683,288, Cl. 18—47.2.
- Fontana, Giampiero, to Buxton, Inc. 2,686,545, Cl. 150—38.
- Fontein, Freerk J.: *See—*
Driessen, Maximillaan G., and Fontein. 2,693,878.
- Fontein, Freerk J., assignor to Stamicarbon N. V., Heerlen, Netherlands. Multiple hydrocyclone. 2,668,620, Feb. 9.
- Fontein, Freerk J., Heerlen, and J. N. J. Leeman, Hoensbroek, assignors to Stamicarbon N. V., Heerlen, Netherlands. Multiple-hydrocyclones. 2,671,560, Mar. 9.
- Food Machinery and Chemical Corp.: *See—*
Carr, James P.
Coster, Lloyd R.
Daugherty, George W.
Daugherty, George W. 2,676,057.
Finstead, Theron E. 2,696,900.
Folkins, Hillis O., and Miller.
Folkins, Hillis O., Miller, and Hennig.
George, Otis R. 2,687,024.
Keesling, Thomas B. 2,687,796.
Kerr, Charles E. 2,676,634.
Kerr, Charles E. 2,680,552.
Kerr, Charles E., and Smith. 2,687,212.
Lindsay, Wesley N. 2,676,668.
Lindsay, Wesley N., and Hendrickson. 2,674,338.
Low, Frank S., and Roberts.
Matthews, Vinton H. 2,686,990.
Matteson, Franklyn C., and Patterson. 2,674,494.
Peck, Albert C., and Thompson. 2,695,216.
Reese, Terrell J., and Wood.
Richards, John R. 2,686,911.
Schaaf, Edward J., and Greedy. 2,676,450.
Stilwell, Glenn E.
Verrinder, Ernest A., and McGrath. 2,687,813.
Wade, John B. 2,697,043.
Wilbur, Paul C. 2,676,891.
Zettlemoyer, Albert C., and Walker.
- Food Research and Development, Inc.: *See—*
Desrosier, Norman W. 2,697,463.
- Food Research Laboratories, Inc.: *See—*
Winsten, Walter A. 2,683,716.
- Food Technology, Inc., assignee: *See—*
Glabe, Elmer F. 2,678,277.
- Foor, Wilbur M., to Blackhawk Mfg. Co. 2,687,056, Cl. 81—119.

- Foot, Norman J.: See—
Onstad, Nordahl I., and Foot. 2,678,130.
- Foot, Alfred F., Independence, Ohio. Vegetable washing device. 2,689,241, Feb. 16.
- Foot, Alfred F., to Stratton Equipment Co. 2,690,712, Cl. 103—16.
- Foot, Elmer M., and F. Barney, to The Challenge Machinery Co. 2,686,037, Cl. 254—42.
- Foot, Fred F. 2,674,353, Cl. 189—21.1.
- Foot, Harold G.: See—
Van Alen, De Witt T., and Foot.
- Foot, Harold G., to The George W. Borg Corp. 2,692,603, Cl. 134—57.
- Foot, Herbert E.: See—
Johnston, William R., and Foot. 2,689,181.
- Foot Mineral Co.: See—
Donahay, John W. 2,697,159.
- Foot, Wilma L., Seattle, Wash. Clamp-on table for the arms of chairs or the like. 2,669,495, Feb. 16.
- Forbes, Charles F. 2,695,683, Cl. 188—77.
- Forbes, Charles T., and D. M. Hatch, Jr., to Hughes Aircraft Co. 2,683,105, Cl. 154—140.
- Forbes, Clarence H., Salt Lake City, Utah. Invalid walker. 2,667,914, Feb. 2.
- Forbes, Clarence H. 2,691,833, Cl. 36—62.
- Forbes, Gordon D. 2,678,349, Cl. 178—7.5.
- Forbes, Gordon D., to United States of America as represented by the Secretary of War. 2,690,510, Cl. 250—36.
- Forbes, Henry L., Jr.: See—
De Ropp, Harold W., and Forbes. 2,680,766.
- Forbes, Richard H., Newton, Mass., assignor to the United States of America as represented by the Secretary of the Treasury. Means for marking glass tubes. 2,668,356, Feb. 9.
- Forbes, Spencer D. 2,674,184, Cl. 101—248.
- Forbes, Thomas R. 2,688,330, Cl. 131—197.
- Forbes, William N.: See—
Roby, Sheldon S., and Forbes. 2,694,234.
- Forbes, Willis A., assignee: See—
Armitage, Bronson W.
- Force, John W., to Homestead Valve Mfg. Co. 2,694,413, Cl. 137—620.
- Ford, Adrian G., to The Atlantic Refining Co. 2,685,874, Cl. 125—33.
- Ford, Barton H. and M. J. 2,686,341, Cl. 20—30.
- Ford, Brandt. 2,698,217, Cl. 346—33.
- Ford, Charles J., Akron, Ohio, assignor, by mesne assignments, to The Goodyear Tire & Rubber Company. Electrically conductive material. 2,669,646, Feb. 16.
- Ford, Charles J., to The Goodyear Tire & Rubber Co. 2,691,134, Cl. 324—65.
- Ford, Edward G.: See—
Tovee, Edward H., and Ford. 2,694,020.
- Ford, Eileen R.: See—
Yedlick, Elmer J., and Ford. 2,687,967.
- Ford, Foster M. 2,695,790, Cl. 280—44.
- Ford, Frank R., Ltd.: See—
Ford, Ronald M., and Crane. 2,679,801.
- Ford, Ronald M., and Crane. 2,692,575.
- Ford, Ronald M., and Crane. 2,695,091.
- Ford, George E., assignor to Qualitrol Corporation. 2,680,214, Cl. 317—14.
- Ford, Glen M., assignor to Cutter Laboratories. 2,675,000, Cl. 128—214.
- Ford, Harold: See—
Mills, Herbert, and Ford. 2,687,972.
- Mills, Herbert, and Ford. 2,687,973.
- Mills, Herbert, and Ford. 2,687,974.
- Ford, Harold F., assignor to "T. I. M." (Ticket-Issue Machines) Limited, Cirencester, England. Machine for printing and issuing tickets, labels, and the like. 2,669,926, Feb. 23.
- Ford, Ian A. M., Quinton, Birmingham, England, assignor to Standard Oil Development Company. Use of methylal to prevent emulsions in esters during the aqueous wash. 2,666,781, Jan. 19.
- Ford Instrument Co., Inc.: See—
Newell, William H. 2,684,007.
- Ford, Jesse A., and C. W. Howard, to Pacific Mills. 2,695,414, Cl. 5—334.
- Ford, John R.: See—
Korman, Nathaniel I., Price, and Ford. 2,698,377
- Ford Meter Box Co., Inc., The: See—
Ford, Wilbur E. 2,685,191.
- Ford, Michael J.: See—
Ford, Barton H. and M. J. 2,686,341.
- Ford Motor Co.: See—
Altgelt, Rudolph J. 2,674,174.
- Altgelt, Rudolph J. 2,690,111.
- Altgelt, Rudolph J., and Lindgren. 2,674,467.
- Altgelt, Rudolph J., and Wilson. 2,690,113.
- Bailey, Harold G.
- Boll, John H., and Raught. 2,674,468.
- Brock, Harold L. 2,683,382.
- Brock, Harold L., and Stevenson.
- Bywater, James E. 2,692,148.
- Cole, Clyde C. 2,685,243.
- Colubics, George J. 2,677,574.
- Cromwell, Herbert F., and Galla. 2,693,616.
- Crouch, Harry G., and Richey. 2,690,110.
- De Nador, Emory, and Wright. 2,685,184.
- Drozowski, Joseph F. 2,685,548.
- Ford Motor Co.: See—Continued.
- Ensign, Elbert E. 2,689,492.
- Erickson, Martin A., Richey. 2,690,045.
- Erwin, Robert L. 2,690,108.
- Erwin, Robert L. 2,691,934.
- Findley, George W. 2,674,278.
- Frevik, Ralph C. 2,690,112.
- Frevik, Ralph C., and Wilson. 2,690,109.
- Haynes, Alex L., and Van Wicklin. 2,685,211.
- Haynes, Alex L., and Van Wicklin. 2,688,258.
- Ingram, John T. 2,685,474.
- Kincaide, Merrill C. 2,674,460.
- Kramer, Clarence F. 2,685,324.
- Kuhary, Emery E., and Sawyer. 2,681,536.
- Kuhary, Emery E., and Sawyer. 2,685,160.
- Kuhary, Emery E., and Sawyer. 2,685,453.
- Link, George C.
- Lock, Donald S., MacDonald, Sawyer, and Witt. 2,691,861.
- MacPherson, Earle S.
- Martens, Jack E. 2,683,280.
- McCarthy, Russell J., and Siegert.
- McRae, Edwin C. 2,691,903.
- Miller, Raymond J. 2,681,709.
- Miller, Raymond J., Sawyer, and Witt.
- Pascoe, George, and Rugg.
- Pickard, Edwin C. 2,677,572.
- Pollock, Norman R., and Erwin.
- Rainey, Challenor W. 2,683,578.
- Richey, Clarence B.
- Richey, Clarence B. 2,681,543.
- Richey, Clarence B. 2,681,606.
- Richey, Clarence B., and Geiger. 2,673,997.
- Richey, Clarence B., and O'Donnell. 2,681,541.
- Riddle, Frederick W., and Pillar.
- Roberts, Albert O. 2,677,441.
- Rugg, Ormund E. 2,691,854.
- Rugg, Ormund E., and Woehrl. 2,683,334.
- Rusco, Easborn. 2,685,242.
- Sawyer, Frederick D. 2,675,169.
- Sawyer, Frederick D., and Kuhary. 2,691,932.
- Sawyer, Frederick D., and Witt. 2,674,079.
- Schalch, Wilbur A. 2,681,540.
- Smith, Harry G., and Coury. 2,698,012.
- Stickney, George H. 2,691,964.
- Willey, Eric A. 2,690,342.
- Wilson, John B. 2,674,080.
- Wilson, Raymond W.
- Wilson, Raymond W. 2,674,279.
- Wilson, Raymond W. 2,691,931.
- Wilson, Raymond W., and Frevik. 2,685,240.
- Wise, Ralph H. 2,677,155.
- Wise, Ralph H. 2,689,749.
- Ford, Robert S. 2,675,785, Cl. 121—38.
- Ford, Robert S. 2,679,871, Cl. 144—249.
- Ford, Ronald M., Olton, Birmingham, England, Moistening means for duplicating machines. 2,666,412, Jan. 12.
- Ford, Ronald M. 2,687,200, Cl. 197—151.
- Ford, Ronald M., and D. P. Crane, said Crane assignor to Frank R. Ford, Limited. 2,679,801, Cl. 101—132.5.
- Ford, Ronald M., and D. P. Crane; said Crane assignor to Frank R. Ford Ltd. 2,692,575, Cl. 118—260.
- Ford, Ronald M., and D. P. Crane; said Crane to Frank R. Ford Ltd. 2,695,091, Cl. 197—170.
- Ford, Silas M. 2,680,307, Cl. 35—49.
- Ford, Silas M. 2,693,362, Cl. 273—157.
- Ford, Walter D., to Pittsburgh Corning Corp. 2,691,248, Cl. 49—77.
- Ford, Wilbur E., to The Ford Meter Box Co., Inc. 2,685,191, Cl. 70—169.
- Ford, William E., assignor to Product Miniature Company, Milwaukee, Wis. Wheel for models and toys. 2,665,521, Jan. 12.
- Ford, William W. 2,680,843, Cl. 340—264.
- Ford, Thomas P. 2,692,415, Cl. 24—156.
- Fordemwalt, Frederick, to American Cyanamid Co. 2,683,646, Cl. 8—34.
- Fordemwalt, Frederick, to American Cyanamid Co. 2,690,952, Cl. 8—34.
- Fordyce, Charles R., and D. R. Simonsen, to Eastman Kodak Co. 2,694,227, Cl. 18—56.
- Fordyce, Homer E.: See—
Mart, Leon T., and Fordyce.
- Fordyce, Homer E., to The Marley Co., Inc. 2,681,179, Cl. 230—133.
- Foreit, Albert E. 2,695,853, Cl. 154—222.
- Foreman, Joseph. 2,693,801, Cl. 128—214.
- Foreman, Matthew L.: See—
Schowalter, Clarence H., and Foreman.
- Foremost Dairies, Inc.: See—
Johnson, Del O., and F. A. 2,693,336.
- Forest, Frank K.: See—
Kahn, Frank F. 2,689,132.
- Forestal Land, Timber and Railways Company Limited, The, assignee: See—
White, Theodore, and Hastings. 2,674,591.
- Forestier, Lucien, assignee: See—
Folsy, Richard, and Vezina.

- Forges & Ateliers de Constructions Electriques de Jeumont: *See*—
Heidmann, Leon, Galzin, and Letrilliart. 2,689,324.
Heidmann, Leon, and Letrilliart. 2,677,083.
Letrilliart, Pierre. 2,692,365.
Letrilliart, Pierre, Delastre, and Buchet. 2,683,827.
- Forgette, Robert E.: *See*—
Sundell, Arvid G., and Forgette. 2,684,226.
- Forgrove Machinery Co. Ltd., The: *See*—
Brook, Leonard. 2,676,441.
Brook, Leonard. 2,679,765.
Hopton, Alan, and Russell. 2,683,520.
Parker, Matthew, and Harris. 2,675,230.
Russell, Alexander. 2,686,393.
Russell, Alexander, Hopton, and Carter.
- Forgue, Stanley V., to Radio Corp. of America. 2,688,564, Cl. 117—33.21.
- Forgy, Robert H., Centralia, Kans. Quick penetrating subsoiler. 2,672,081, Mar. 16.
- Forgy, Robert H., Centralia, Kans. Subsoiler. 2,672,084, Mar. 16.
- Forgy, Robert H. 2,691,930, Cl. 97—46.27.
- Forker Corporation, The, assignee: *See*—
Forker, James B.
- Forker, Gordon M., Lyndhurst, Ohio, assignor to General Electric Company. Electron emission coating mixtures. 2,673,387, Mar. 30.
- Forker, James B., Shaker Heights, assignor to The Forker Corporation, Cleveland, Ohio. Tramrail construction. 2,673,257, Mar. 23.
- Forkey, Margaret, heir: *See*—
Forkey, Willard G. 2,685,102.
Forkey, Willard G. 2,685,103.
- Forkey, Willard G., deceased, M. Forkey, heir. 2,685,102, Cl. 16—153.
- Forkey, Willard G., deceased, M. Forkey, heir. 2,685,103, Cl. 16—153.
- Forman, Benjamin, Brooklyn, N. Y. Ironer roll covering assembly. 2,672,678, Mar. 23.
- Forman, Louis: *See*—
Presley, Judd B., and Forman.
- Forman, Louis B., to Chrysler Corp. 2,690,824, Cl. 192—3.
- Forman, William O., to Fitchburg Engineering Corp. 2,682,996, Cl. 241—239.
- Formbloc, Inc.: *See*—
Perreton, Arnold. 2,684,589.
- Formenti, Paolo. 2,697,453, Cl. 139—91.
- Formis, Frederick K. 2,677,895, Cl. 33—225.
- Formold Plastics, Inc.: *See*—
Miller, Lloyd C. 2,681,742.
Miller, Lloyd C. 2,687,831.
- Fornells, Salvador T.: *See*—
Pladeveya Capdevila, Francisco. 2,685,785.
- Fornkahl, Theodore A.: *See*—
McLain, Ray, and Fornkahl.
- Forrer, Homer W., Atlanta, Ga., assignor to Atlanta Paper Company. Carrying device for bottle carriers. 2,665,838, Jan. 12.
- Forrer, Homer W., to Atlanta Paper Co. 2,685,999, Cl. 229—28.
- Forrer, Homer W., to Atlanta Paper Co. 2,686,003, Cl. 229—52.
- Forrer, Homer W., to Atlanta Paper Co. 2,688,421, Cl. 220—111.
- Forrer, Homer W., to Atlanta Paper Co. 2,691,471, Cl. 224—45.
- Forrest, Carolyn J. 2,691,337, Cl. 99—433.
- Forsberg, Axel A., to Aktiebolaget Elektrolux. 2,696,894, Cl. 183—51.
- Forse, Harry D.: *See*—
Campbell, Rollin E., and Forse. 2,684,189.
- Forshey, William O., Jr., and J. E. Kirby, assignors to E. I. du Pont de Nemours & Company. 2,680,112, Cl. 260—85.5.
- Forsling, Bengt E. G., assignor to General Electric Company. 2,677,932, Cl. 60—39.15.
- Forster, Hans J. M., to Daimler-Benz Aktiengesellschaft. 2,683,997, Cl. 74—781.
- Förster, Hans J. M., Harthausen a. F., Kr. Esslingen (Neckar), to Daimler-Benz Aktiengesellschaft. 2,688,256, Cl. 74—336.5.
- Förster, Hans J. M., to Daimler-Benz Aktiengesellschaft. 2,693,721, Cl. 74—732.
- Forster, John O., Harrison, N. Y., assignor to Heli-Coil Corporation, Danbury, Conn. Wire coil screw thread insert for molded material. 2,672,070, Mar. 16.
- Forster, John O., to Heli-Coil Corp. 2,688,355, Cl. 151—21.
- Forster Mfg. Co., Inc., assignee: *See*—
Lisherness, Hillman A.
- Forstner Chain Corporation, assignee: *See*—
Albrecht, Karl.
- Forsyth, Albert E., Ottawa, Ontario, Canada. Seat cushion. 2,672,183, Mar. 16.
- Forsyth, Valoris L., and L. Dillon, assignors to Lane-Wells Company. 2,679,898, Cl. 164—0.5.
- Forsythe, Daniel W. 2,690,319, Cl. 248—353.
- Fort Dodge Tent & Awning Co.: *See*—
Burch, Paul E. 2,698,060.
- Forte, Gabriele. 2,688,760, Cl. 12—146.
- Fortener, Henry J., to Bowser, Inc. 2,681,251, Cl. 299—77.
- Fortes, Angelo, assignor of 1/2 to Neyrpic Portuguesa, Limitada. 2,674,857, Cl. 61—41.
- Fortess, Fred, to Celanese Corp. of America. 2,684,311, Cl. 117—139.5.
- Fortess, Fred, to Celanese Corp. of America. 2,693,432, Cl. 154—137.
- Fortess, Fred, and S. T. Bowen assignors to Celanese Corporation of America. 2,676,152, Cl. 252—132.
- Fortess, Fred, and C. Hohing, Jr., assignors to Celanese Corporation of America. 2,676,924, Cl. 252—8.8.
- Fortess, Fred, C. Hohing, Jr., and J. Rio, assignors to Celanese Corporation of America. 2,676,975, Cl. 260—46.
- Fortess, Fred, and B. B. White, to Celanese Corp. of America. 2,689,817, Cl. 195—47.
- Forti, Nicola. 2,682,915, Cl. 155—112.
- Fortier, André L. A., Clamart, France, assignor to Etavex, S. A., Geneva, Switzerland. Pneumatic calibrating apparatus. 2,665,579, Jan. 12.
- Fortin, Charles A., assignor to Presto Lighters Limited. 2,675,205, Cl. 251—121.
- Fortin, Charles A., to P. Pouliot. 2,682,868, Cl. 128—66.
- Fortino, Frank, to Nox-Rust Chemical Corp. 2,682,429, Cl. 299—107.
- Fortiphone Limited, assignee: *See*—
Wolff, Joachim. 2,680,157.
Wolff, Joachim. 2,680,158.
- Fortner, Eugene D., and W. L. Fortner, Jr. 2,679,692, Cl. 33—174.
- Fortner, Howard J. 2,682,244, Cl. 113—102.
- Fortner, Thelma I., Newark, N. J., assignor to Staten Frame Manufacturing Company, Inc., New York, N. Y. Flexible umbrella rib. 2,666,442, Jan. 19.
- Fortner, William L., Jr.: *See*—
Fortner, Eugene D. and W. L. 2,679,692.
- Fortschneider, Ollie. 2,690,018, Cl. 33—180.
- Fortuin, Jan P., and H. I. Waterman, Delft, Netherlands, assignors to Shell Development Company, Emeryville, Calif. Controlled decomposition of aralkyl hydroperoxides. 2,671,809, Mar. 9.
- Fortuna-Werke Spezialmaschinen fabrik A.-G.: *See*—
Remeliüs, Hermann. 2,683,975.
- Fortune, Henry J., to The Garrard Engineering and Mfg. Co. Ltd. 2,683,039, Cl. 274—10.
- Forwald, Haakon, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Arrangement in air blast circuit breakers provided with damping resistance. 2,665,351, Jan. 5.
- Forwald, Haakon, Valhalla, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Arrangement in air blast circuit breakers. 2,670,420, Feb. 23.
- Forwald, Haakon, assignor to Allmanna Svenska Elektriska Aktiebolaget. 2,677,739, Cl. 200—148.
- Forwald, Haakon, to Allmanna Svenska Elektriska Aktiebolaget. 2,696,197, Cl. 121—38.
- Forward, Frank A.: *See*—
Halpern, Jack, and Forward.
- Forward, Worthy J. F., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Hydraulic chuck. 2,667,356, Jan. 26.
- Forzley, Victor G.: *See*—
Sonnino, Mario, and Forzley. 2,688,067.
- Fosdick Machine Tool Company, The, assignee: *See*—
Knosp, Robert N., Linden, and Wetzel. 2,674,706.
- Foshay, Alfred. 2,675,569, Cl. 14—58.
- Fosness, John P.: *See*—
Martin, Eric L., and Fosness.
- Foss, Björn. 2,683,262, Cl. 2—2.
- Foss, Burdette W., Fort Wayne, and S. L. Hunter, assignors to Ossian Engineering Co., Inc., Ossian, Ind. Nozzle support and switch operator. 2,665,032, Jan. 5.
- Foss, Burdette W., Fort Wayne, and S. L. Hunter, assignors to Ossian Engineering Co., Inc., Ossian, Ind. Pump. 2,667,125, Jan. 26.
- Foss, Curtis D. 2,684,878, Cl. 308—38.
- Foss, Curtis D. 2,692,783, Cl. 286—6.
- Foss, Herman W.: *See*—
Patterson, Roy L., and Foss.
- Fossa, Joseph, Hamilton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Cement handling means for thermoplastic adhesives. 2,665,823, Jan. 12.
- Fossa, Joseph, to United Shoe Machinery Corp. 2,689,364, Cl. 12—51.
- Foster Cathed Company, assignee: *See*—
Foster, James L.
- Foster, Charles E. 2,694,206, Cl. 4—165.
- Foster, David B., London, and W. S. Norman, Hoole, Chester, assignors to C. D. Patents Limited, London, England. Apparatus for treating gases with liquids. 2,665,123, Jan. 5.
- Foster, Edson P., assignee: *See*—
Brown, Foster S. 2,678,484.
- Foster, Edson P. 2,696,035, Cl. 28—4.
- Foster, Edwin E., assignor to Majik-Ironers, Inc., Austin, Tex. Ironing table with fabric support. 2,669,793, Feb. 23.
- Foster, Edwin E., assignor to Majik-Ironers, Inc. 2,679,415, Cl. 292—74.
- Foster, Edwin E. 2,680,311, Cl. 38—30.
- Foster, Edwin E. 2,688,812, Cl. 38—30.
- Foster, Edwin E. 2,690,020, Cl. 38—25.
- Foster Engineering Corporation, The, assignee: *See*—
Foster, Shubel A.
Foster, Shubel A. 2,678,500.

- Foster & Foster: *See*—
 Bredimus, Elsie, and Foster.
 Foster, Warren D. 2,694,955.
 Wigglesworth, Genevieve. 2,674,933.
- Foster, Frederick C., Canal Fulton, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Copolymers of styrene and chloroprene prepared by cationic catalysis. 2,660,045, Jan. 12.
- Foster Grant Co., Inc., assignee: *See*—
 Eyles, Thomas H. 2,678,584.
- Foster, Harry C., Alton, assignor to Olin Industries, Inc., East Alton, Ill. Variable throwing angle target trap. 2,666,424, Jan. 19.
- Foster, Harry R., and E. E. Crump, assignors to Omega Laboratories. 2,677,799, Cl. 320—1.
- Foster, Harry R., and E. E. Crump, assignors to Omega Laboratories. 2,677,804, Cl. 324—57.
- Foster, Herbert V., assignor to Crompton & Knowles Jacquard & Supply Company. 2,675,833, Cl. 139—65.
- Foster, James L., assignor to Foster Cathed Company, Wichita Falls, Tex. Winding device. 2,665,113, Jan. 5.
- Foster, John, assignor to B. & S. Massey Limited. 2,675,106, Cl. 192—113.
- Foster, John E., Machovec, Tex. Disinfectant attachment for flush tanks. 2,672,622, Mar. 23.
- Foster, Levin W., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,676,124, Cl. 154—80.
- Foster Lumber Co.: *See*—
 Mangus, Harold S. 2,698,196.
- Foster Machine Company, assignee: *See*—
 Stange, Ferdinand F.
 Stange, Ferdinand F. 2,680,572.
- Foster, Robert E., to E. I. du Pont de Nemours and Co. 2,687,406, Cl. 260—88.3.
- Foster, Robert E., and P. L. Salzberg, assignors to E. I. du Pont de Nemours & Company. 2,676,187, Cl. 260—544.
- Foster, Roderick J., and H. M. Kellogg. 2,688,865, Cl. 70—129.
- Foster, Shubel A., Birmingham, assignor to The Foster Engineering Corporation, Royal Oak, Mich. Precision gauge. 2,666,993, Jan. 26.
- Foster, Shubel A., assignor to The Foster Engineering Corporation. 2,678,500, Cl. 33—147.
- Foster, Thomas A. Jr.: *See*—
 Vargo, Paul, and Foster. 2,676,622.
 Vargo, Paul, and Foster. 2,679,918.
- Foster, Thomas W.: *See*—
 Roshkind, Allan I., Stephenson, Rau, and Foster. 2,675,165.
 Turner, William E., and Foster. 2,675,157.
- Foster, Thomas W., assignor to Container Corporation of America. 2,675,912, Cl. 206—45.19.
- Foster, Wallin, Associates, Incorporated, assignee: *See*—
 Foster, Wallin G., and Oppenlander.
- Foster, Wallin G., and R. C. Oppenlander, assignors to Wallin Foster Associates, Incorporated, Denver, Colo. Wick-type oil burning heater. 2,671,439, Mar. 9.
- Foster, Warren D.: *See*—
 Bredimus, Elsie, and Foster.
- Foster, Warren D., to Foster & Foster. 2,694,955, Cl. 88—17.
- Foster Wheeler Corp.: *See*—
 Bliss, Charles. 2,687,119.
 Bliss, Charles. 2,697,687.
 Blizzard, John. 2,697,482.
 Blizzard, John, Lorenzini, and Frisch. 2,675,888.
 Cartinhour, John W.
 Dean, Dion K. 2,696,775.
 Ditman, John G.
 Frisch, Martin.
 Jorgensen, Svend M. 2,690,332.
 Taylor, John E. 2,680,603.
- Foster, William C., to The Gray Mfg. Co. 2,683,605, Cl. 274—10.
- Foster, William G., assignor to Telephone Manufacturing Company Limited, London, England. Electric selecting device responsive to impulses. 2,672,599, Mar. 16.
- Foster, Willis R., and H. K. Wethe, Webster City, Iowa, assignors to Solar Corporation, Milwaukee, Wis. Rotary, turbine-type hydraulic coupling. 2,665,553, Jan. 12.
- Foster, Yates & Thom Ltd.: *See*—
 Worswick, Alan. 2,692,068.
- Fostoria Pressed Steel Corp.: *See*—
 Carter, Richard H. 2,688,418.
- Foti, Arem, to I-T-E Circuit Breaker Co. 2,688,667, Cl. 200—48.
- Fotie, Joseph A., to Rex Welder & Engineering Co. 2,691,714, Cl. 219—4.
- Fotografin Corp.: *See*—
 Errion, Edgar R. 2,693,621.
- Fotopak Corp., The, assignee: *See*—
 Levine, Bernard.
- Foulon, Louis H. A., Henin Lietard, France. Apparatus for collecting dust by use of foam. 2,672,209, Mar. 16.
- Fountain, Harold, to United Merchants and Manufacturers, Inc. 2,695,244, Cl. 117—13.
- Fountron Corporation, The, assignee: *See*—
 Hilliker, Frank T.
- Fournet, André: *See*—
 Mosnier, Michel M., and Fournet. 2,681,937.
 Mosnier, Michel M., and Fournet. 2,697,121.
- Fournier, Jean, and J. Le Foll, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. 2,692,166, Cl. 299—120.
- Fouron, Pierre, and G. Bourret, to Societe Civile d'Etudes pour Materiel de Fonderie. 2,696,031, Cl. 22—93.
- Fouron, Pierre, and G. Bourret, to Societe Civile d'Etudes pour Materiel de Fonderie. 2,696,082, Cl. 60—97.
- Fouron, Pierre, and G. Bourret, to Societe dite: Societe Civile d'Etudes pour Materiel de Fonderie. 2,698,305, Cl. 121—38.
- Four Wheel Drive Auto Co., The: *See*—
 Donley, Bartrum G. 2,689,621.
- Foushee, Robert M., to National Rejectors, Inc. 2,691,379, Cl. 133—5.
- Foust, Floyd J.: *See*—
 Burge, James S., Foust, Shaw, Rider, and McKee. 2,689,086.
- Foust, Floyd J., R. C. Whelchel, and D. R. Burk, to General Motors Corp. 2,695,099, Cl. 209—81.
- Foust, Lowell E., to J. D. Adams Mfg. Co. 2,696,287, Cl. 198—8.
- Foust, William A. 2,697,524, Cl. 210—169.
- Fowle, Arthur A., to Ultrasonic Corp. 2,693,943, Cl. 259—1.
- Fowle, Arthur A., to Ultrasonic Corp. 2,693,944, Cl. 259—1.
- Fowler, Alvah W., assignor of fifty per cent to H. L. Collins, Fort Worth, Tex. Compressible tube closure. 2,665,038, Jan. 5.
- Fowler, Alvah W., Fort Worth, Tex. Golfer's accessory. 2,665,830, Jan. 12.
- Fowler, Clarence H., Dalhart, Tex. Motor support. 2,668,687, Feb. 9.
- Fowler, Floyd A.: *See*—
 Wilson, Evan F., Grubb, and Fowler. 2,691,952.
- Fowler, Ival G.: *See*—
 Dunipace, Donald W., and Fowler.
- Fowler, Paul L. 2,681,513, Cl. 34—82.
- Fowler, Ralph L., assignor to Superior Tank & Construction Co. 2,678,699, Cl. 183—2.7.
- Fowler, Robert M.: *See*—
 Spendelow, Howard R., Jr., and Fowler. 2,679,466.
- Fox, Arthur B., to Eastman Kodak Co. 2,696,961, Cl. 248—11.
- Fox, Arthur L., and A. F. Anderson, assignors to Colgate-Palmolive Company. 2,678,901, Cl. 167—87.
- Fox, Benjamin, New York, N. Y. Predetermined counter system. 2,669,388, Feb. 16.
- Fox, Benjamin, to the United States of America as represented by the Secretary of War. 2,684,478, Cl. 343—17.1.
- Fox, Charles H., assignor to The Pure Oil Company. 2,676,602, Cl. 137—118.
- Fox, Clarence D., 1/2 to M. S. Cotterell. 2,689,093, Cl. 241—199.
- Fox, David, and E. March, assignors to T-V Products Company. 2,680,196, Cl. 250—33.
- Fox, Dorothy B.: *See*—
 Fox, Stanley L. 2,676,591.
 Fox, Stanley L. 2,680,440.
 Fox, Stanley L. 2,690,179.
- Fox, Francis E., Jr., to Eastman Kodak Co. 2,688,614, Cl. 260—225.
- Fox, Harold E., and W. E. Rice, to General Motors Corp. 2,691,420, Cl. 180—22.
- Fox, Harold K.: *See*—
 Kindseth, Harold V., and Fox. 2,681,021.
- Fox, Herbert S.: *See*—
 Brent, George D., and Fox. 2,677,035.
- Fox, Herbert S., and H. P. Hasell, to Westinghouse Electric Corp. 2,693,167, Cl. 118—49.
- Fox, Herman H., Passaic, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 1-isonicotinyl-2,2-disubstituted hydrazines. 2,666,053, Jan. 12.
- Fox, Herman H., assignor to Hoffmann-La Roche Inc. 2,676,178, Cl. 260—294.8.
- Fox, Herman H., to Hoffmann-La Roche Inc. 2,685,580, Cl. 260—211.
- Fox, Herman H., to Hoffmann-La Roche Inc. 2,685,585, Cl. 260—295.
- Fox, Herman H., to Hoffmann-La Roche Inc. 2,689,852, Cl. 260—295.
- Fox, Jack J.: *See*—
 Ribble, Jack M., Fox, and Edmunds. 2,697,652.
- Fox, John P.: *See*—
 Warren, Robert C. 2,694,211.
- Fox, Joseph M., Haverford, and C. J. Reigh, Altoona, Pa. Apparatus for removing ballast from below railroad track rails. 2,669,041, Feb. 16.
- Fox, Joseph M., Haverford, and C. J. Reigh, Altoona, Pa. Endless chain ballast removing apparatus. 2,671,972, Mar. 16.
- Fox, Leonard P., assignor to Radio Corporation of America. 2,680,678, Cl. 41—42.
- Fox, Le Roy G., assignor to E & J Manufacturing Company. 2,675,885, Cl. 183—4.0.
- Fox, Malcolm H., Seattle, Wash. Nail holding device for pneumatic hammer tools. 2,671,216, Mar. 9.
- Fox, Martin, Chicago, Ill., assignor to The Seng Company. Revolving chair base. 2,671,631, Mar. 9.
- Fox, Martin, to The Seng Co. 2,686,558, Cl. 155—57.
- Fox, Myron R. 2,696,668, Cl. 32—19.

- Fox, Nelson S., and W. P. Goldberg, to the United States of America as represented by the Secretary of the Army. 2,687,520, Cl. 343—13.
- Fox, Paul X. 2,676,227, Cl. 201—48.
- Fox Products Co.: *See—*
- Godshalk, James B. 2,675,522.
- Godshalk, James B. 2,689,939.
- Godshalk, James B., and Medlar. 2,689,322.
- Rezek, Gerard, and Medlar. 2,679,549.
- Fox, Raymond S., to Niles-Bement-Pond Co. 2,693,037, Cl. 33—178.
- Fox, Richard E., Glenview, assignor to General Porcelain Enameling and Manufacturing Company, Chicago, Ill. Means for mounting metal wall panels. 2,664,978, Jan. 5.
- Fox, Robert G. 2,684,784, Cl. 222—5.
- Fox, Robert P., to Clyde Iron Works, Inc. 2,684,767, Cl. 212—91.
- Fox, Robert P., to Clyde Iron Works, Inc. 2,693,341, Cl. 254—187.
- Fox, Samuel S., to United Aircraft Corp. 2,681,048, Cl. 123—25.
- Fox, Sol, to Koppware Products Mfg. Co. 2,681,504, Cl. 30—123.
- Fox, Stanley L., deceased, by D. B. Fox, executrix. 2,676,591, Cl. 128—216.
- Fox, Stanley L., deceased; D. B. Fox, executrix. 2,680,440, Cl. 128—216.
- Fox, Stanley L., deceased; D. B. Fox, executrix. 2,690,179, Cl. 128—216.
- Fox, Thomas M., to Edwin L. Wiegand Co. 2,684,420, Cl. 201—63.
- Foxboro Co., The: *See—*
- Bowditch, Hoel L.
- Bowditch, Hoel L. 2,696,833.
- Bowditch, Hoel L., Fuller, and Bradner. 2,674,513.
- Darling, Horace E. 2,695,381.
- Goodman, Louis, and Olsen.
- Johnsen, Christian F. 2,677,589.
- Swift, W. Everett, and Fardy. 2,694,315.
- Young, Claude D. 2,690,360.
- Foxgrover, Charles J., Jr.: *See—*
- Martin, Lucille M., and Foxgrover.
- Foxon, Gordon H., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Azeotropic distillation of xylenes. 2,672,436, Mar. 16.
- Fox-Williams, Jack, London, assignor to Williams & Williams Limited, Chester, England. Glazed and like roof structure of the lantern light or deck light type. 2,668,509, Feb. 9.
- Foxx, Norbert E., assignor to Republic Steel Corporation. 2,676,233, Cl. 219—10.79.
- Foy, Philip W.: *See—*
- Dacey, George C., and Foy. 2,697,052.
- Foyn, Kjeld, assignor to Elektrokemisk A/S, Oslo, Norway. Electrode suspension mechanism and operation. 2,668,183, Feb. 2.
- Foyn, Kjeld, assignor to Elektrokemisk A/S, Oslo, Norway. Cylindrical electrode holder. 2,671,816, Mar. 9.
- Frabill Manufacturing Company, assignee: *See—*
- Matras, Frank D.
- Fradenburgh, John, assignor to United States Automatic Box Machinery Co., Inc. 2,679,342, Cl. 226—2.
- Frady, William E., Jr., Los Angeles, Calif., assignor to Hughes Tool Company, Houston, Tex. Double interpolation method and apparatus for measuring time intervals. 2,665,411, Jan. 5.
- Fragen, Nathan, assignor to Standard Oil Company. 2,677,001, Cl. 260—683.15.
- Frain, John P.: *See—*
- Ashton, Benjamin N., Barkow, and Frain.
- Ashton, Benjamin N., and Frain. 2,691,990.
- Frakes, James H., assignor to Westinghouse Electric Corporation. 2,679,026, Cl. 324—54.
- Frallic, Mary E. 2,676,035, Cl. 283—50.
- Frallic, Mary E. 2,690,747, Cl. 128—165.
- Fram Corp.: *See—*
- Dobrolet, Michael. 2,683,537.
- Hockett, Carl G.
- Kamrath, Herbert G. 2,680,521.
- Whipple, John E.
- Framhein, Herbert J., assignor to The Yale & Towne Manufacturing Company. 2,675,435, Cl. 200—5.
- Frampton, Arthur G., Toronto, Ontario, assignor to A. V. Roe Canada Limited, Malton, Ontario, Canada. Universal set-up means for pattern controlled machine tools. 2,669,161, Feb. 16.
- Frampton, John A. 2,687,887, Cl. 272—27.
- Frampton, John A. 2,687,888, Cl. 272—27.
- Frampton, John A. 2,692,455, Cl. 46—146.
- Frampton, Orville D., to National Distillers Products Corp. 2,682,468, Cl. 99—48.
- France, Harold, to Imperial Chemical Industries Ltd. 2,681,344, Cl. 260—314.
- France, Harold, and W. O. Jones, to Imperial Chemical Industries Ltd. 2,681,345, Cl. 260—314.
- France, Harold, and W. O. Jones, to Imperial Chemical Industries Ltd. 2,681,346, Cl. 260—314.
- France, Lloyd V. 2,681,458, Cl. 6—2.
- Francek, Joseph R., Fox River Grove, assignor to E. J. Sheehan, Chicago, Ill. Expanded wood veneer. 2,665,460, Jan. 12.
- Franceschina, Louis E., Jr., Beaver Falls, Pa., assignor to The Babcock & Wilcox Company, New York, N. Y. Control apparatus for steam-hydraulic forging presses. 2,673,552, Mar. 30.
- Francis, Alex W., Jr.: *See—*
- Walker, Jay P., Glasgow, and Francis. 2,685,938.
- Francis, Alfred W.: *See—*
- Badertscher, Darwin E., Francis, and Johnson. 2,688,645.
- Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Hydrocarbon separation. 2,673,225, Mar. 23.
- Francis, Alfred W., to Socony-Vacuum Oil Co., Inc. 2,691,048, Cl. 260—615.
- Francis, Alfred W., to Socony-Vacuum Oil Co., Inc. 2,698,276, Cl. 196—13.
- Francis, Alfred W., to Socony-Vacuum Oil Co., Inc. 2,698,277, Cl. 196—13.
- Francis, Alfred W., to Socony-Vacuum Oil Co., Inc. 2,698,278, Cl. 196—13.
- Francis, Charles V., Philip, S. Dak. Dental apparatus. 2,671,269, Mar. 9.
- Francis, Daniel H. 2,693,076, Cl. 60—13.
- Francis, Geoffrey. 2,682,958, Cl. 214—16.1.
- Francis, Gerald C., and N. T. Patterson. 2,694,263, Cl. 35—12.
- Francis, John H. 2,694,401, Cl. 132—116.
- Francis, Louis, Miami, Fla. Metalized art canvas. 2,670,554, Mar. 2.
- Francis & Lusky Co., Inc.: *See—*
- Francis, Virgil W., Jr. 2,694,873.
- Francis, Victor J., North Wembley, England, assignor to General Electric Company. Electric discharge lamp. 2,673,944, Mar. 30.
- Francis, Virgil W., Jr., to Francis & Lusky Co., Inc. 2,694,873, Cl. 40—67.
- Francisco, Marshall E. 2,681,089, Cl. 146—27.
- Franchi, Gene J., trustee: *See—*
- Franchi, Livio. 2,682,676.
- Franchi, Livio, to G. J. Franchi as trustee. 2,682,676, Cl. 15—77.
- Frank, Ernest W. 2,688,567, Cl. 117—64.
- Frank, George E., to The Imperial Brass Mfg. Co. 2,680,980, Cl. 81—19.
- Franken, Jan C., to Hartford National Bank and Trust Co. 2,689,922, Cl. 313—70.
- Franken, Jock, New York, N. Y. Cigarette holder with filter. 2,672,872, Mar. 23.
- Francois, Paul L. 2,690,253, Cl. 206—45.33.
- Frandsen, Walter N., Wichita Falls, Tex., assignor to Universal Oil Products Company, Chicago, Ill. Treating chamber. 2,666,528, Jan. 19.
- Franjetić, Zorislav. 2,689,687, Cl. 238—79.
- Frank, Bernard E.: *See—*
- Hahn, Rea I., Frank, and Worden. 2,678,097.
- Frank, Charles E., and G. Kraus, to General Motors Corp. 2,692,841, Cl. 154—43.
- Frank, Clarence E., assignor to General Motors Corporation. 2,674,450, Cl. 267—11.
- Frank, Herbert J., to The Lackner Co., Inc. 2,691,305, Cl. 73—386.
- Frank, Howard E., assignor to Koppers Company, Inc. 2,676,180, Cl. 260—346.4.
- Frank, Joseph J., Union, N. J. Sealing sausage casings and product thereof. 2,670,294, Feb. 23.
- Frank, Joseph J., Union, N. J. Machine for applying barrel fasteners to sausage casings. 2,670,524, Mar. 2.
- Frank, Joseph J., to Hercules Fasteners, Inc. 2,694,198, Cl. 1—200.
- Frank Manufacturing Company, Inc., assignee: *See—*
- Mollenhour, Delbert C.
- Frank, Merle J.: *See—*
- Markey, Roscoe I., Frank, and Sieradzki. 2,696,104.
- Frank, Paul A., to National Rubber Machinery Co. 2,682,376, Cl. 241—257.
- Frank, Robert L., assignor to Ringwood Chemical Corporation. 2,676,928, Cl. 260—2.5.
- Frank, Simon: *See—*
- Mackay, Johnstone S., and Frank. 2,688,020.
- Frank, Stanley L., Beaver, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric switch. 2,669,616, Feb. 16.
- Frank, Wallace E.: *See—*
- Schick, Herman P., and Frank. 2,691,916.
- Franke, August L. 2,689,642, Cl. 206—46.
- Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate: *See—*
- Heidecke, Reinhold.
- Heidecke, Reinhold. 2,681,600.
- Knauf, Wilhelm.
- Franke, Norman W., to Gulf Research & Development Co. 2,686,152, Cl. 202—11.
- Frankel, Adolf: *See—*
- Craig, Hugh R. M., Morris, and Frankel. 2,682,991.
- Frankel, Adolf, C. Morris, P. H. W. Wolff, and A. B. Mitchell, to The English Electric Co. Ltd. 2,686,653, Cl. 253—39.1.
- Frankel, Harry, assignee: *See—*
- Moskovitz, Milton A. 2,676,045.
- Frankel, Jack. 2,691,478, Cl. 227—34.
- Frankel, Sydney, to E. P. Lawson Co., Inc. 2,687,011, Cl. 60—51.
- Frankel, Theodor: *See—*
- Kessler, Frank, and Frankel.

- Frankel, Theodor, to Stromberg-Carlson Co. 2,691,069, Cl. 179—21.
- Frankenberg Bros., Inc., assignee: See—
Klein, Clarence F. 2,676,731.
- Frankenstein, William P., assignee: See—
Freel, William G. and Jones.
- Frankenstein, William P., Cincinnati, Ohio. Carton. 2,670,123, Feb. 23.
- Frankenstein, William P., Cincinnati, Ohio. Carton. 2,670,125, Feb. 23.
- Frankenstein, William P., Cincinnati, Ohio. Carton. 2,670,126, Feb. 23.
- Frankenstein, William P. 2,684,194, Cl. 229—34.
- Frankenstein, William P. 2,688,432, Cl. 229—27.
- Frankland, Earl M., assignor to United Aircraft Corporation. 2,679,907, Cl. 170—135.27.
- Franklin, Albert W. 2,679,596, Cl. 250—40.
- Franklin, Burton, to Tropic-Aire, Inc. 2,681,978, Cl. 240—5.
- Franklin, Charles J. 2,686,307, Cl. 1—170.
- Franklin, Charles M.: See—
Hahn, Rea L. and Franklin.
- Franklin, Cyril W.: See—
Gerwig, Harvey F., Jameson, Franklin, and Hosterman. 2,684,764.
- Franklin, Donald R. L. 2,674,147, Cl. 84—95.
- Franklin, Edmond G. 2,679,223, Cl. 113—105.
- Franklin, Ernest, to The National Research Development Corp. 2,692,339, Cl. 250—83.6.
- Franklin, Henry J.: See—
Young, David W. and Franklin. 2,690,418.
- Franklin, John L. 2,680,785, Cl. 179—100.2.
- Franklin, O. M., Serum Co.: See—
Curryea, Kevin M. 2,692,600.
- Franks, Edward E., Jr.: See—
Sampatacos, Peter M., and Franks. 2,697,470.
- Franks, Eunice Q.: See—
Franks, Gerald N. and E. Q. 2,678,760.
- Franks, Jerome S., and C. R. Rasmussen, to Western Electric Co., Inc. 2,690,727, Cl. 113—1.
- Franks, Gerald N. and E. Q. 2,678,760, Cl. 223—107.
- Franks Mfg. Corporation, assignee: See—
Wilkinson, Alvin H., and Pallein.
- Frantellizzi, Biagio. 2,694,286, Cl. 58—41.
- Frantello, Alfio A., Wadsworth, N. Y. Fish lure. 2,665,515, Jan. 12.
- Frantz, Frederick H., to General Aniline & Film Corp. 2,696,771, Cl. 95—89.
- Frantz, Glenn R., assignor to Bell Telephone Laboratories, Incorporated. 2,678,383, Cl. 250—20.
- Frantz, Paul E., to Apex Electrical Mfg. Co. 2,686,526, Cl. 134—57.
- Frantz, Paul E., to Apex Electrical Mfg. Co. 2,692,026, Cl. 183—42.
- Frantz, William: See—
Isreeli, Jack, Frantz, and Ramsay. 2,686,561.
- Franz, Erwin E., assignor to Western Electric Company, Incorporated. 2,674,671, Cl. 200—112.
- Franz, Erwin E., to Western Electric Co., Inc. 2,682,687, Cl. 18—47.5.
- Franz, Frederick. 2,674,514, Cl. 346—49.
- Franz, Henry H., Baltimore, Md. Mechanism for filling containers with a liquid. 2,671,591, Mar. 9.
- Franz, Henry H., assignor to The Creamery Package Mfg. Company. 2,679,347, Cl. 226—124.
- Franz, Raymond A., to Lion Oil Co. 2,681,930, Cl. 260—555.
- Fraser, Cecil D. 2,681,826, Cl. 296—106.
- Fraser, Douglas, Morden, England. Machine for treating paper mill waste. 2,672,075, Mar. 16.
- Fraser, Hugh D.: See—
Freeman, George A., Bellott, and Fraser.
- Unglert, Melvin C., and Fraser. 2,675,496.
- Fraser, Hugh D., to Westinghouse Electric Corp. 2,682,009, Cl. 313—220.
- Fraser, James, to Speakman Co. 2,682,276, Cl. 137—100.
- Fraser, John, assignor to Avery-Hardoll Limited, Surbiton, England. Coupling device for pipes or conduits. 2,665,925, Jan. 12.
- Fraser, John, assignor to Avery-Hardoll Limited, Tolworth, England. Coupling device for pipes or conduits. 2,665,926, Jan. 12.
- Fraser, John, assignor to Avery-Hardoll Limited. 2,675,939, Cl. 220—40.
- Fraser, John, to Avery-Hardoll Ltd. 2,681,073, Cl. 137—235.
- Fraser, John, to Avery-Hardoll Ltd. 2,697,418, Cl. 121—84.
- Fraser, Robert, and V. H. Tuson, Beckenham, England. Floor-conditioning assembly for floor maintenance machines. 2,671,915, Mar. 16.
- Fraser, Walter A.: See—
Barnes, Robert B., and Fraser. 2,676,109.
- Fraser, William F. 2,675,799, Cl. 32—61.
- Fratlicelli, Pasquale, to Sealady Seafood Corp. 2,687,356, Cl. 99—111.
- Fratila, Thomas. 2,697,817, Cl. 339—26.
- Frattinger, Peter A., assignor to R. A. Durand. 2,677,222, Cl. 53—45.
- Fratz, George C.: See—
Sandrock, Paul W., and Fratz.
- Fraunfelder, Harley E.: See—
Lucier, Lawrence L., and Fraunfelder. 2,682,185.
- Frawley Corp.: See—
Schrader, Clarence O. 2,676,569.
- Spatz, Walter B. 2,693,788.
- Fray, Victor H. 2,685,698, Cl. 10—6.
- Fray, Victor H. 2,685,806, Cl. 80—7.
- Frazer, August H.: See—
Rivers, Joseph T., and Frazer. 2,684,950.
- Frazier, Charles, and L. E. Cadwell, to American Cyanamid Co. 2,681,897, Cl. 260—45.2.
- Frazier, David: See—
Hughes, Everett C., and Frazier.
- Frazier, David, to The Standard Oil Co. 2,681,890, Cl. 252—32.5.
- Frazier, John F.: See—
Crawford, Clark A., and Frazier.
- Frazier, Larry C., assignor to National-Standard Company. 2,676,637, Cl. 152—354.
- Frazier, Philip E., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,680,212, Cl. 315—132.
- Frear, George L.: See—
Harvey, Edward W., and Frear. 2,680,679.
- Frear, Jenness B., Altadena, Calif., assignor to Watkins Patents, Inc., Quincy, Ill. Corner hinge for crates. 2,672,252, Mar. 16.
- Frech, Wilhelm P. 2,694,438, Cl. 155—45.
- Frechette, Adolphis E. 2,687,531, Cl. 2—232.
- Fred, Mark S., Chicago, and E. G. Rauh, Hinsdale, Ill., assignors to the United States of America as represented by the United States Atomic Energy Commission. Liquid level control. 2,667,178, Jan. 26.
- Fred, Walter, to Norton Co. 2,693,061, Cl. 51—105.
- Freda, Charles A.: See—
Ardolino, Lewis R. 2,682,879.
- Fredd, John V.: See—
Marshall, Samuel J. E., and Fredd. 2,698,056.
- Fredd, John V., to Otis Pressure Control, Inc. 2,695,458, Cl. 33—178.
- Freddolino, Louis. 2,690,584, Cl. 16—26.
- Fredeen, Arthur G.: See—
Rue, Edward O., and Fredeen. 2,678,026.
- Fredenburgh, Mark N., Summit, N. J., assignor to Radio Corporation of America. Treating metal powders. 2,666,696, Jan. 19.
- Fredenburgh, Philip D. 2,689,601, Cl. 155—133.
- Frederick, Edward R.: See—
King, Ellis G., and Frederick. 2,692,994.
- Frederick, Edward R., to United States of America as represented by the Secretary of the Army. 2,684,337, Cl. 252—62.
- Frederick, Edward R., to the United States of America as represented by the Secretary of the Army. 2,685,910, Cl. 154—30.
- Frederick, Edward R., to the United States of America as represented by the Secretary of the Army. 2,696,736, Cl. 73—159.
- Frederick, Edward R., and M. C. Jaskowski, to the United States of America as represented by the Secretary of the Army. 2,689,811, Cl. 154—55.
- Frederick, Fred A.: See—
Horn, Harry J., and Frederick. 2,684,879.
- Frederick, John A., to The Fafnir Bearing Co. 2,697,621, Cl. 287—52.09.
- Frederick, Leo. 2,675,260, Cl. 292—195.
- Frederick, Marvin R., assignor to The B. F. Goodrich Company. 2,678,315, Cl. 260—281.
- Frederick, R. A., Company, Inc., assignee: See—
Buschman, Willard H. 2,679,688.
- Fredericks, Robert W., Kansas City, Mo., assignor to C. W. Creighton, Jr., Salem, Oreg. Toy submarine. 2,668,390, Feb. 9.
- Frederickson, David O., to Clear-View Advertising Dialer Co. 2,682,123, Cl. 40—8.
- Frederickson, Leo D.: See—
Darby, Joseph R., and Frederickson.
- Fredrickson, Wallace F., Minneapolis, Minn., assignor, by mesne assignments, to Minot Builders Supply Co., Inc. Jack for raising forms and flooring in erection of concrete buildings. 2,673,067, Mar. 23.
- Fredriksen, Erling K., and E. J. Nielsen, to Løvens kemiske Fabrik ved A. Kongsted. 2,694,031, Cl. 167—65.
- Fredriksen, Erling K., and E. J. Nielsen, to Løvens kemiske Fabrik ved A. Kongsted. 2,694,061, Cl. 260—239.1.
- Fredriksen, Erling K., and E. J. Nielsen, to Løvens kemiske Fabrik ved A. Kongsted. 2,694,062, Cl. 260—239.1.
- Fredriksen, Erling K., and E. J. Nielsen, to Løvens kemiske Fabrik ved A. Kongsted. 2,694,063, Cl. 260—239.1.
- Fredriksen, Robert O. 2,678,630, Cl. 119—75.
- Fredrick, Arden H.: See—
MacNichol, Edward F., Jr., and Fredrick. 2,697,166.
- Fredrick, Arden H., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,679,556, Cl. 179—171.
- Fredrickson, Edward A., and C. R. Stone assignors to Crane Co. 2,675,017, Cl. 137—356.
- Fredrickson, Edward J., and R. O. Grabosky. 2,682,870, Cl. 123—136.
- Fredrickson, Gustav O., to General Motors Corp. 2,683,250, Cl. 324—64.

- Freeberg, Benjamin F.: *See*—
Johnson, Edward W., and Freeberg. 2,696,937.
Smith, William M., Freeberg, and Brosseau. 2,679,343.
- Freeborn, James E., to Screen Printing Machinery Ltd. 2,681,004, Cl. 101—126.
- Freéd, Karl B., Stockholm, Sweden. Adjustable supporting device. 2,668,683, Feb. 9.
- Freed, John O. 2,675,209, Cl. 251—2.
- Freedlander, Abraham L., Dayton, Ohio, assignor to The Dayton Rubber Company. Apparatus for the manufacture of belts. 2,671,244, Mar. 9.
- Freedlander, Abraham L., to The Dayton Rubber Co. 2,688,070, Cl. 219—46.
- Freedman, Hyman. 2,674,241, Cl. 126—234.
- Freedman, Hyman. 2,690,618, Cl. 32—60.
- Freedman, Melvin H., New London, Conn. Pylon mounted toy airplane roundabout. 2,672,338, Mar. 16.
- Freedman, Morris, assignee: *See*—
Shulman, Bernard B.
- Freedman, Norman S., to Radio Corp. of America. 2,683,835, Cl. 313—285.
- Freedman, Olin E.: *See*—
Dutro, Orville, and Freedman. 2,683,409.
- Freedman, William. 2,688,136, Cl. 2—105.
- Freedom, Thomas C., to Aircraft-Marine Products Inc. 2,693,218, Cl. 153—1.
- Freel, William G., and S. F. Jones, London, Ontario, Canada, assignors to W. P. Frankenstein, Cincinnati, Ohio. Carton. 2,668,654, Feb. 9.
- Freeland, George H., Drexel Hill, Pa. Hair curler. 2,672,147, Mar. 16.
- Freeland, George H., to The Sun Rubber Co. 2,689,430, Cl. 46—117.
- Freeman, Alfred. 2,689,067, Cl. 222—309.
- Freeman, Alfred. 2,690,136, Cl. 104—121.
- Freeman, Claude C., to Container Corp. of America. 2,684,759, Cl. 206—47.
- Freeman, Claude C., to Container Corp. of America. 2,687,248, Cl. 229—87.
- Freeman, David A., Corp.: *See*—
Schultz, Roy M. 2,682,121.
- Freeman, David A., to Dryco Corp. 2,686,694, Cl. 299—86.
- Freeman, Edgar W. 2,695,008, Cl. 121—38.
- Freeman, Frank G., to Joseph Lucas (Industries) Limited. 2,685,440, Cl. 264—6.
- Freeman, George A., East Orange, and E. A. Jenkins, Fairlawn, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. High-pressure gaseous discharge lamp. 2,670,399, Feb. 23.
- Freeman, George A., East Orange, E. M. Bellott, Bloomfield, and H. D. Fraser, Verona, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Short arc high-pressure vapor discharge lamp. 2,670,451, Feb. 23.
- Freeman, George S.: *See*—
Wollner, Herbert J., and Freeman. 2,684,595.
- Freeman, Howard E. 2,685,817, Cl. 88—24.
- Freeman, Howard G., assignor to Rockwood Sprinkler Company. 2,678,102, Cl. 169—25.
- Freeman, Howard G., to Rockwood Sprinkler Co. 2,690,085, Cl. 74—625.
- Freeman, Howard G., and G. T. Gurney, assignors to Rockwood Sprinkler Company, Worcester, Mass. Liquid proportioning apparatus. 2,670,104, Feb. 23.
- Freeman, Leon T., New Milford, Pa. Rotary plow. 2,669,919, Feb. 23.
- Freeman, Michael W., Detroit, Mich. Quenching steel. 2,670,310, Feb. 23.
- Freeman, Raymond A., to Emhart Mfg. Co. 2,682,179, Cl. 74—640.
- Freeman, Raymond A., and G. H. Gouse, to Emhart Mfg. Co. 2,685,948, Cl. 192—25.
- Freeman, Robert L.: *See*—
Bateman, George H., Freeman, and Holbrook. 2,676,084.
- Freeman, Robert L., assignor to A. C. Nielsen Company. 2,676,085, Cl. 346—37.
- Freeman, William J., Calgary, Alberta, Canada. Grain cleaner. 2,672,235, Mar. 16.
- Freeport Sulphur Co.: *See*—
Chatelain, John B. 2,690,880.
- Noble, James H., Pottberg, and Tainton. 2,678,289.
- Noble, James H., Pottberg, and Tainton. 2,678,290.
- Freezing Equipment Sales, Inc., assignee: *See*—
Patterson, Velt C. 2,679,323.
- Freiberg, James M., to Pittsburgh Plate Glass Co. 2,684,153, Cl. 206—62.
- Freiberger, Herman, to Medical Fabrics Co., Inc. 2,682,266, Cl. 128—156.
- Freiman, George A. 2,684,733, Cl. 184—15.
- Freimark, Leopold, New York, N. Y. Edge aligning or locating device and method. 2,665,492, Jan. 12.
- French, George F.: *See*—
Thorp, Eric. 2,686,564.
- French, Hubert, to Radio Corp. of America. 2,697,170, Cl. 250—36.
- French, John H.: *See*—
Baxter, James C., and French.
- French, Lionel J. B. R., assignor to The Book Machinery Company Limited, London, England. Apparatus for feeding books and the like bodies in succession from a stack or tier thereof. 2,667,979, Feb. 2.
- French, Merle P. 2,686,086, Cl. 304—40.
- French Oil Mill Machinery Co., The: *See*—
Barns, Roy W. 2,695,304.
- Hutchins, Ralph P. 2,693,459.
- Simon, Forrest C. 2,678,244.
- Stacy, Thomas F. 2,692,407.
- French, R. T., Co.: *See*—
Obeck, Ferdinand J. 2,696,935.
- French, Richard C. 2,684,330, Cl. 210—8.
- French, Richard C. 2,689,714, Cl. 261—39.
- French, Richard S., to Keyes Fibre Co. 2,689,988, Cl. 20—35.
- French, Roger: *See*—
Thorp, Eric. 2,686,564.
- French State, represented by the Ministère de la Defense Nationale, Secretariat d'Etat aux Forces Armées (Air). The: *See*—
Stauff, Emile. 2,694,898.
- Frenkel, Isaac, assignee: *See*—
Nau-Touron, Albert.
- Frentzel, Herman C.: *See*—
Bledung, Walter R., and Frentzel. 2,692,667.
- Frentzel, Herman C. 2,681,074, Cl. 137—493.
- Freouf, Emanuel J. 2,692,061, Cl. 214—140.
- Frerer, Paul G., assignor to Soreng Products, Inc. 2,675,436, Cl. 200—11.
- Frerer, Paul G., and A. W. Corwin, to Soreng Products Corp. 2,685,657, Cl. 310—66.
- Frese, Albert C., Jr. 2,681,515, Cl. 36—71.
- Freshel, Curtis. 2,677,614, Cl. 99—96.
- Freshwater, Edmon S.: *See*—
Gehr, Richard A., and Freshwater.
- Fretter, Fred W. 2,695,172, Cl. 273—43.
- Freudenberg, Hellmut. 2,694,241, Cl. 22—217.
- Freund, George W., Monroeville, Ohio. Detachable back rest. 2,672,922, Mar. 23.
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Font of matrices for kerning or producing composite type characters. 2,672,794, Mar. 23.
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Portable photocomposing apparatus. 2,672,795, Mar. 23.
- Freund, Herman R., to Intertype Corp. 2,685,959, Cl. 199—59.
- Freundorfer, Francis K.: *See*—
Coonrad, Teall, and Freundorfer. 2,690,550.
- Frevel, Ludo K., and J. W. Hedelund, to The Dow Chemical Co. 2,691,684, Cl. 260—615.
- Frevel, Ludo K., and J. W. Hedelund, to The Dow Chemical Co. 2,691,685, Cl. 260—615.
- Frevert, Albert A., to Crippen Mfg. Co. 2,692,047, Cl. 209—139.
- Frevik, Ralph C.: *See*—
Wilson, Raymond W., and Frevik. 2,685,240.
- Frevik, Ralph C., Detroit, assignor to Dearborn Motors Corporation, Birmingham, Mich. Implement hitch for tractors. 2,672,082, Mar. 16.
- Frevik, Ralph C., to Ford Motor Co. 2,690,112, Cl. 97—125.
- Frevik, Ralph C., and R. W. Wilson, to Ford Motor Co. 2,690,109, Cl. 97—47.53.
- Frey, Clyde C.: *See*—
Shewmon, Ralph K., and Frey. 2,696,580.
- Frey, Clyde C., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Motor reversing mechanism. 2,673,262, Mar. 23.
- Frey, Clyde C., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Motor reversing mechanism. 2,673,319, Mar. 23.
- Frey, Edward J.: *See*—
Gerhardt, Andrew H., and Frey. 2,679,741.
- Frey, Erik, and S. A. Cooper. 2,680,507, Cl. 197—6.1.
- Frey, Hans J., assignor to E. Gretener. 2,677,030, Cl. 200—97.
- Frey, John F. 2,693,055, Cl. 51—27.
- Frey, Kenneth. 2,692,708, Cl. 222—456.
- Frey, Walter, assignor to Saurefabrik Schweizerhall. 2,675,889, Cl. 183—119.
- Frey, Walter, assignor to Saurefabrik Schweizerhall. 2,675,891, Cl. 183—120.
- Frey, Walter, to Saurefabrik Schweizerhall. 2,682,445, Cl. 23—87.
- Frey, Walter, and R. Weber, assignors to Saurefabrik Schweizerhall. 2,675,890, Cl. 183—119.
- Freyer, Ernest F. 2,686,594, Cl. 209—215.
- Freyermuth, Harlan B.: *See*—
Williams, William W., and Freyermuth. 2,680,747.
- Williams, William W., Libby, and Freyermuth. 2,691,653.
- Williams, William W., Wallace, and Freyermuth.
- Freyermuth, Harlan B., W. H. Libby, and W. W. Williams, assignors to General Aniline & Film Corporation. 2,676,982, Cl. 260—506.
- Freysinger, John B., to North & Judd Mfg. Co. 2,695,187, Cl. 292—108.
- Freyssinet, Eugène, Neuilly-sur-Seine, France. Dam. 2,669,845, Feb. 23.
- Freyssinet, Eugene. 2,686,963, Cl. 29—525.
- Friar, Lawrence H., to Easterday Supply Co. of Oregon. 2,692,403, Cl. 15—153.
- Friberg, Vincent P., assignor to Automatic Manufacturing Corporation. 2,675,526, Cl. 336—90.
- Frick, Charles H., to General Motors Corp. 2,691,382, Cl. 137—53.

- Frick, Chester A., assignor to L. M. Harvey. 2,679,336, Cl. 222—269.
- Frick Co.: See—
Aubrey, William H. 2,687,623.
- Frick, Edwin J., Manhattan, Kans. Veterinary medical instrument. 2,668,528, Feb. 9.
- Frick, Harold: See—
Dunlevy, Ralph, Frick, and Shoemaker. 2,674,250.
- Frick, Herbert and A. H. Lutz, assignors to Hoffmann-La Roche Inc. 2,689,116, Cl. 260—294.7.
- Frick, John G., Jr., and J. W. Weaver, to the United States of America as represented by the Secretary of Agriculture. 2,686,768, Cl. 260—29.6.
- Frick, John G., Jr., and J. W. Weaver, to the United States of America as represented by the Secretary of Agriculture. 2,686,769, Cl. 260—29.6.
- Fricke, Guy C.: See—
Kasten, Walter, and Fricke. 2,696,915.
- Fricke, Guy C., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Filter. 2,671,564, Mar. 9.
- Fricke, Howard H., to Abbott Laboratories. 2,694,668, Cl. 167—81.
- Fricks, Richard E., to Alden Products Co. 2,686,832, Cl. 178—69.5.
- Friden Calculating Machine Co., Inc.: See—
Ellerbeck, Grant C.
Hopkins, George W., Davis, and Zickler.
Hopkins, George W., and Grobl. 2,687,254.
Hopkins, George W., and Malavazos. 2,681,765.
Hopkins, George W., Malavazos, and Rolph. 2,681,767.
Hopkins, George W., and Rolph. 2,681,766.
Machado, Anthony B., and Pruettage.
Matthew, Morton P. 2,679,916.
Moody, John L., and Matthew. 2,692,363.
Renholts, Roy J. 2,692,110.
Taylor, Lawrence B., Malavazos, Davis, and Bergfelt. 2,692,084.
- Fridolph, John S., assignor to Oxford Corporation. 2,679,986, Cl. 242—66.
- Fridolph, John S., to The Black-Clawson Co. 2,681,636, Cl. 118—249.
- Fridolph, Maude C. 2,695,409, Cl. 2—42.
- Frieberg, Nelson R.: See—
Carlson, Carl H., Frieberg, and Larsen.
- Frieberg, Nelson R., assignor to The National Cash Register Company. 2,675,175, Cl. 235—60.28.
- Frieberg, Nelson R., and O. F. Larsen, Ithaca, N. Y., assignors to The National Cash Register Company, Dayton, Ohio. Symbol-printing mechanism. 2,665,063, Jan. 5.
- Frieberg, Nelson R., and P. A. Dale, assignors to The National Cash Register Company. 2,675,960, Cl. 235—60.
- Frieberg, Nelson R., and O. F. Larsen, to The National Cash Register Co. 2,692,726, Cl. 235—60.15.
- Fried, Celia: See—
Fried, Ernest. 2,698,100.
- Fried, Ernest, deceased, by C. Fried, administratrix, to Fried Steel Equipment Mfg. Corp. 2,698,100, Cl. 214—8.
- Fried, Jacob, Bronx, N. Y. Folded cardboard camera with winding knob retaining means. 2,667,111, Jan. 26.
- Fried, Krupp Lokomotivfabrik, assignee: See—
Herrmann, Heinrich.
- Fried, Krupp Stahlbau Rheinhausen: See—
Laufer, Max J. 2,695,501.
- Fried Steel Equipment Mfg. Corp.: See—
Fried, Ernest. 2,698,100.
- Frieden, Alexander, J. C. Hoogerheide, and R. M. Stern, to Pabst Brewing Co. 2,694,011, Cl. 99—2.
- Frieder, Leonard P.: See—
Aileo, Jackson A. 2,696,959.
Finken, Walter S., and Frieder. 2,690,126.
- Frieder, Leonard P., and W. S. Finken, assignors, by mesne assignments, to Reconstruction Finance Corporation. 2,680,577, Cl. 242—149.
- Frieder, Leonard P., and W. S. Finken; said Finken assor. to said Frieder. 2,687,263, Cl. 244—148.
- Frieder, Leonard P., and W. S. Finken; said Finken assor. to said Frieder. 2,693,195, Cl. 135—3.
- Frieder, Leonard P., and W. S. Finken, to General Textile Mills, Inc. 2,693,924, Cl. 244—145.
- Friedlander, William, assignor to Mono-Cam Limited, Westminster, London, England. Fuel injection pump. 2,666,391, Jan. 19.
- Friedlander, William, Westminster, London, assignor to Mono-Cam Limited, London, England. Fuel injection pump. 2,672,816, Mar. 23.
- Friedlander, William, Hinchley Wood, Esher, assignor to Mono-Cam Limited, London, England. Fuel injection pump for internal-combustion engines. 2,672,817, Mar. 23.
- Friedlander, William, to Mono-Cam Ltd. 2,688,286, Cl. 103—41.
- Friedli, Robert, Jr., to Radio Corp. of America. 2,692,072, Cl. 226—14.
- Friedman, Andrew J., C. E. Hamlin, and A. M. Einerson. 2,681,726, Cl. 198—128.
- Friedman, Barbara, assignee: See—
Friedman, Max.
- Friedman, Bernard S.: See—
Mulholland, Ramon A., and Friedman.
Teter, John W., and Friedman.
- Friedman, Herbert, Arlington, Va., assignor to the United States of America as represented by the Secretary of the Navy. Radiation intensity measuring device. 2,673,934, Mar. 30.
- Friedman, Herbert. 2,683,813, Cl. 250—71.
- Friedman, Herbert. 2,688,097, Cl. 250—83.6.
- Friedman, Irving: See—
Daich, Sidney, and Friedman.
- Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Making hollow articles. 2,667,650, Feb. 2.
- Friedman, John H., to The National Machinery Co. 2,680,860, Cl. 10—11.
- Friedman, John H., to The National Machinery Co. 2,684,706, Cl. 153—32.
- Friedman, John H., to The National Machinery Co. 2,687,660, Cl. 78—99.
- Friedman, John H., to The National Machinery Co. 2,689,359, Cl. 10—12.
- Friedman, John H., to The National Machinery Co. 2,691,907, Cl. 80—29.
- Friedman, Joseph S., to General Aniline & Film Corp. 2,689,180, Cl. 95—2.
- Friedman, Maurice, to Galvanic Products Corp. 2,681,945, Cl. 136—6.
- Friedman, Max. 2,677,487, Cl. 226—57.
- Friedman, Max, assignor of one-third to N. Spiegel and one-third to B. Friedman, New York, N. Y. Rectangular hedge cutter. 2,664,627, Jan. 5.
- Friedman, Nathan H.: See—
Smith, Franklin E., and Friedman. 2,674,287.
- Friedman, Philip, New York, N. Y. Closure fastening for trousers. 2,671,901, Mar. 16.
- Friedman, Samuel. 2,676,699, Cl. 206—45.19.
- Friedman, Samuel J.: See—
Menegus, Robert L., Friedman, and Gluckert.
- Friedman, Sifton. 2,677,890, Cl. 33—30.
- Friedman, William, assignor of $\frac{1}{4}$ to L. H. Weiss, $\frac{1}{4}$ to D. Cohen, and $\frac{1}{4}$ to D. Lifshutz. 2,677,861, Cl. 20—52.4.
- Friedmann, Louis M., and K. F. Ross. 2,690,477, Cl. 179—5.
- Friedmann, Mack H.: See—
Erickson, Paul W., and Friedmann. 2,688,998.
- Friedrich, Ed, Inc., assignee: See—
Brinkoeter, Paul H.
- Friedrich, Eli. 2,686,641, Cl. 248—30.
- Friedrich, Kurt, to Vereinigte Glanzstoff-Fabriken A. G. 2,680,857, Cl. 5—354.
- Friedrichs, Georges, Annecy, assignor to Compagnie Generale de Metrologie (Societe a Responsabilite Limitee), Chemin de la Croix Rouge-Annecy, France. Protective system for measuring instruments. 2,671,874, Mar. 9.
- Friel, Patrick. 2,675,201, Cl. 248—228.
- Friend, Albert W., assignor to Radio Corporation of America. 2,675,501, Cl. 315—27.
- Friend, Albert W., assignor to Radio Corporation of America. 2,679,614, Cl. 315—13.
- Friend, Albert W., to Radio Corp. of America. 2,697,755, Cl. 179—100.2.
- Friend, Carl F. 2,674,484, Cl. 292—336.3.
- Friend, Dawson, assignor to Stant Manufacturing Company, Inc. 2,679,946, Cl. 220—40.
- Friend, Dawson, to Stant Mfg. Co. 2,684,780, Cl. 220—40.
- Friend, Dawson, to Stant Mfg. Co., Inc. 2,681,559, Cl. 70—172.
- Friend, Homer C., Davenport, Iowa. Article of feminine hygiene. 2,669,233, Feb. 16.
- Friesen, Julius R., to A. V. Roe Canada Ltd. 2,682,367, Cl. 235—61.
- Friess, Hans, Karlsruhe-Daxlanden (Baden), assignor to Klangfilm Gesellschaft mit Beschraenkter Haftung, Berlin, Germany. Apparatus for stereophonic sound-recording. 2,668,880, Feb. 9.
- Friesz, Kenneth E., and C. A. Meisel, to Meisel Press Mfg. Co. 2,684,029, Cl. 101—415.1.
- Frillman, Lambert H., to American Can Co. 2,695,727, Cl. 220—52.
- Frink, Frederick W., East Orange, N. J. Wide-band phase shifting means. 2,668,238, Feb. 2.
- Frink, Russell E.: See—
Dickinson, Robert C., and Frink. 2,687,461.
Dickinson, Robert C., and Frink. 2,692,319.
- Frisch, Kurt C., Pittsfield, Mass., and R. B. Young, Schenectady, N. Y., assignors to General Electric Company. Hexaorganoethynyl silicon derivatives. 2,671,099, Mar. 2.
- Frisch, Kurt C., Pittsfield, Mass., and R. B. Young, Schenectady, N. Y., assignors to General Electric Company. Hydrolyzable organosilyl ethynes. 2,671,100, Mar. 2.
- Frisch, Kurt C., Pittsfield, Mass., and R. B. Young, Schenectady, N. Y., assignors to General Electric Company. Organoethynyl hydrolyzable organosilanes. 2,671,101, Mar. 2.
- Frisch, Kurt C., Pittsfield, Mass., and R. B. Young, Schenectady, N. Y., assignors to General Electric Company. Organoethynyl organosilanes. 2,671,795, Mar. 9.

- Frisch, Kurt C., Huntington Valley, and H. Lyons, Philadelphia, Pa., assignors to General Electric Company. Triorganosilylphenylene phosphorus derivatives. 2,673,210, Mar. 23.
- Frisch, Kurt C., and P. A. Goodwin, assignors to General Electric Company. 2,678,938, Cl. 260—448.2.
- Frisch, Martin: *See*—
Blizard, John, Lorenzini, and Frisch. 2,675,888.
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,669,975, Feb. 23.
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for generating vapor. 2,669,976, Feb. 23.
- Frischmann, Karl, Wetzlar-Garbenheim, assignor to Ernst Leitz G. m. b. H., Wetzlar, Germany. Adjustment mechanism for microscopes. 2,669,158, Feb. 16.
- Frischmann, Karl, to Ernst Leitz, G. m. b. H. 2,696,755, Cl. 88—39.
- Frith, Hagin F., Jr., to Hagin Frith & Sons. 2,696,723, Cl. 66—192.
- Frith, Hagin, & Sons: *See*—
Frith, Hagin F., Jr. 2,696,723.
- Frito Company, The: *See*—
Doolin, Earl B. 2,692,630.
- Fritsch, Frank J.: *See*—
Monaghan, Edward S., and Fritsch. 2,679,290.
- Fritsch, Walter: *See*—
Demlow, Edward J. 2,681,817.
Stranberg, Don F. 2,694,332.
- Fritschi, Ernst: *See*—
Allemann, Ernst, Fritschi, and Lew. 2,674,007.
- Fritz, Arthur J. 2,680,474, Cl. 155—157.
- Fritz, Ralph C., Jr.: *See*—
Ratzlaff, Darrell, and Fritz. 2,678,489.
- Fritzinger, George H., West Orange, N. J. Tape dispenser and cleaning device. 2,673,042, Mar. 23.
- Fritzinger, George H., $\frac{1}{2}$ to H. G. Kendall. 2,689,728, Cl. 271—2.1.
- Fritzsche, Fred G., assignor, by mesne assignments, to O. W. Coburn. 2,680,697, Cl. 134—5.
- Froberg, Charles H., Jr. 2,684,604, Cl. 80—5.1.
- Froedge, Andrew L., Oak Lawn, Ill. Automatic bending machine. 2,667,202, Jan. 26.
- Froehlich, Bernard F. 2,679,787, Cl. 90—56.
- Froehlich, E., A. G.: *See*—
Blickenstorfer, Albert. 2,674,274.
Blickenstorfer, Albert. 2,692,619.
- Froehlich, Kurt F., to Nordberg Mfg. Co. 2,689,451, Cl. 60—29.
- Froelich, Ernest J., to Sterling Drug Inc. 2,681,343, Cl. 260—309.5.
- Froelich, George E., assignor to Hamilton Manufacturing Company. 2,675,565, Cl. 5—99.
- Froelich, Max V., and H. E. Draper. 2,679,796, Cl. 98—114.
- Fröhlich, Johann, Gotzls, Austria, assignor to H. Mueller, Imguetli, Thal, Switzerland. Fastener device for garments and the like. 2,668,954, Feb. 16.
- Froitzheim, Ernst O. 2,686,606, Cl. 215—40.
- Frokjaer-Jensen, Axel, Charlottenlund, and A. H. M. Andreasen, Gentofte, Denmark. Manufacturing a cellular material. 2,670,298, Feb. 23.
- Frokjaer-Jensen, Axel, Charlottenlund, and A. H. M. Andreasen, Gentofte, Denmark. Manufacturing a cellular material. 2,670,299, Feb. 23.
- Frolich, Louise K. 2,691,877, Cl. 65—12.
- Fromm, Kenneth N., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,679,011, Cl. 250—83.6.
- Fromm, Kenneth N., assignor to Westinghouse Electric Corporation. 2,679,594, Cl. 250—36.
- Fromm, Kenneth N., to Westinghouse Electric Corp. 2,683,809, Cl. 250—36.
- Fromm, Marvin M.: *See*—
Johnson, John S., and Fromm. 2,677,067.
- Fromm, Winfield E.: *See*—
Schmitt, Otto H., Barnes, Fails, and Fromm. 2,681,264.
- Fromme, Elmer G.: *See*—
Hood, Myron E. 2,696,217.
- Frommelt, Horace A.: *See*—
See, Theodore S., and Frommelt. 2,680,283.
- Frommer, Joseph C., Cincinnati, Ohio, assignor to Electric Eye Equipment Company, Danville, Ill. Web center-line control device. 2,666,639, Jan. 19.
- Frommer, Joseph C., Cincinnati, Ohio. Method and device to measure small electrical direct currents. 2,673,329, Mar. 23.
- Frommer, Joseph C., assignor to Electric Eye Equipment Company. 2,676,298, Cl. 324—34.
- Frost, Albert E.: *See*—
Bersworth, Frederick C., and Frost.
- Frost Box Co., Inc., assignee: *See*—
Thurston, Benjamin L. 2,675,911.
- Frost, Edward L.: *See*—
Outcalt, Frederick G., and Frost.
- Frost, Eugene C., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Parachute means for landing aircraft. 2,673,051, Mar. 23.
- Frost, Eugene C., to Lockheed Aircraft Corp. 2,683,005, Cl. 244—118.
- Frost, Horace E., Grand Rapids, Mich. Screen door latch. 2,673,109, Mar. 23.
- Frost, John C. M., assignor to A. V. Roe Canada Limited. 2,680,345, Cl. 60—39.09.
- Frost, John H.: *See*—
Wilson, Forrest D. 2,696,186.
- Frost, Joseph S., assignee: *See*—
Dosehek, Antony.
- Frost, Marion E., Catonsville, Md. Automatic separator cutout switch. 2,667,629, Jan. 26.
- Frost, Orcutt W., to Stimson Lumber Co. 2,693,135, Cl. 92—39.
- Frost, Orcutt W., and G. E. Tower, to Stimson Lumber Co. 2,680,995, Cl. 92—39.
- Frost, Paul D., assignor, by mesne assignments, to Mathieson Chemical Corporation. 2,674,789, Cl. 29—189.
- Frova, John. 2,693,834, Cl. 146—55.
- Frucki, Alfred, New York, N. Y. Moistening apparatus for flat surfaces. 2,673,549, Mar. 30.
- Fruhling, Frederick H., Milwaukee, Wis. Bottle washer. 2,673,567, Mar. 30.
- Fruhling, Marjorie L. 2,691,846, Cl. 46—164.
- Fruit, Allen J., Millington, N. J., assignor to Hydrocarbon Research, Inc., New York, N. Y. Synthesis gas generator. 2,672,849, Mar. 23.
- Frum, Herbert D. 2,680,047, Cl. 311—35.
- Fry, Benjamin W., Ladue, Mo. Simulated tennis game. 2,668,057, Feb. 2.
- Fry, Horace P., Jr., to American Viscose Corp. 2,694,934, Cl. 74—104.
- Frye, Jack. 2,695,675, Cl. 180—6.28.
- Fry, Millard E., assignor to General Motors Corporation. 2,678,379, Cl. 219—43.
- Fry, William J. 2,689,947, Cl. 340—10.
- Fry, William L., to Joseph Lucas (Industries) Ltd. 2,687,483, Cl. 310—194.
- Fry, William L., and K. A. Strzala, to Owens-Illinois Glass Co. 2,689,409, Cl. 33—178.
- Fryburger, Vernon R., to The United States Printing & Lithograph Co. 2,688,396, Cl. 206—44.
- Frydryk, John: *See*—
Plummer, Charles H., Truslow, and Frydryk. 2,676,363.
- Frye, Carl, assignee: *See*—
Garland, Claude B.
- Frye, Charles F. 2,689,363, Cl. 121—45.
- Frye, Clifton G., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Converting oxygenated organic chemicals in hydrocarbon synthesis. 2,670,378, Feb. 23.
- Frye, Clifton G., to Stanolind Oil and Gas Co. 2,684,975, Cl. 260—449.6.
- Frye, Colin M., Longlevens, F. E. Killner, Prestbury, and A. K. Morris, Tewkesbury, assignors to Dowty Equipment Limited, Cheltenham, England. Resilient telescopic device. 2,667,348, Jan. 26.
- Frye, Reinhold A., and M. Bracutt, assignors, by mesne assignments, to Reconstruction Finance Corporation. 2,676,492, Cl. 74—192.
- Fryling, Charles F., and A. E. Follett, to Phillips Petroleum Co. 2,685,576, Cl. 260—84.1.
- Fryling, Charles F., and A. E. Follett, to Phillips Petroleum Co. 2,686,165, Cl. 260—27.
- Frysweet Filter Corp.: *See*—
Morton, James A. 2,698,092.
- Fua, Frederic, New York, N. Y., and R. C. Woods, Montclair, N. J., assignors to X-Ray Electronic Corporation, New York, N. Y. X-ray fluorescent response intensifier. 2,666,856, Jan. 19.
- Fua, Frederic, to X-Ray Electronic Corp. 2,688,702, Cl. 250—71.
- Fucci, Salvatore. 2,679,244, Cl. 126—261.
- Fuchs, Abraham M.: *See*—
Mason, Avrel, and Fuchs. 2,674,099.
- Fuchs, Hans G.: *See*—
Ruschig, Heinrich, and Fuchs.
- Fuchs, Henry O.: *See*—
MacLeod, David E., and Fuchs. 2,695,468.
- Fuchs, Maurice. 2,690,174, Cl. 128—44.
- Fuchslocher, Theodor F. E.: *See*—
Bogeous, Benedict E., and Fuchslocher. 2,694,511.
- Fuder, Floyd A.: *See*—
Lehr, John. 2,684,176.
- Fuehrer, George H., assignor to Thor Power Tool Company. 2,678,636, Cl. 121—7.
- Fuehrer, Robert C. 2,686,574, Cl. 184—2.
- Fuel Process Company, assignee: *See*—
Belknap, Joel R.
- Fuelcharger Corp.: *See*—
Parsons, Ben G. 2,687,123.
- Fuente, Benjamin, to Houdaille-Hershey Corp. 2,693,003, Cl. 16—35.
- Fuerst, Carl: *See*—
Weintraub, Herman, and Fuerst.
- Fuerst, Edwin W. and W. F., assignors to The Printing Die Company. 2,678,510, Cl. 41—39.
- Fuerst, William F.: *See*—
Fuerst, Edwin W. and W. F. 2,678,510.
- Fuess, Eugene A.: *See*—
Acker, Hobart W., Jr., Cavala, Fuess, and Schreiner.
- Fugate, Wesley O., and S. W. Tribit, to American Cyanamid Co. 2,698,330, Cl. 260—346.4.
- Fugler, Edward J. 2,685,106, Cl. 18—18.
- Fuglie, Elmer A., assignor to Winona Tool Manufacturing Company, Winona, Minn. Automatic lumber-releasing traveling gang saw sawmill. 2,664,926, Jan. 5.

- Fuhrmann, John, Ebenezer, N. Y. Mortarboard. 2,669,117, Feb. 16.
- Fujii, Minoru, Washington, D. C. Automatic refrigerating defrosting control. 2,669,848, Feb. 23.
- Fujita, Frank H. 2,690,341, Cl. 280—17.3.
- Fukuyama, Ruisaburo. 2,683,624, Cl. 299—136.
- Fulbright, Crocker, Freeman & Bates, assignee: *See—*
Barnett, Frederick W.
- Fulke, Frank L., Terre Haute, Ind. Internal-combustion engine. 2,664,866, Jan. 5.
- Fulke, Frank L. 2,684,236, Cl. 262—33.
- Fullaway, Maurice G., assignor to The Fidelity Medical Supply Co. 2,679,248, Cl. 128—283.
- Fuller Brush Co., The: *See—*
Le Febvre, Alfred L.
McLaughlin, John L.
Parry, William A.
Rowland, Clarence G., and Strojny. 2,691,802.
Scriminger, Archie R. 2,682,069.
Vose, Robert W. 2,688,762.
- Fuller, Calvin S., to Bell Telephone Laboratories, Inc. 2,697,269, Cl. 29—25.3.
- Fuller, Charles E., and T. J. Sedlak. 2,675,013, Cl. 134—169.
- Fuller, Clarence W., Yonkers, N. Y. Cam operated sliding jaw closure remover. 2,669,142, Feb. 16.
- Fuller Co.: *See—*
Engelhart, George K. 2,675,274.
Lenhart, Herbert S.
Weller, Leo G. 2,681,748.
- Fuller, David H.: *See—*
Bowditch, Hoel L., Fuller, and Bradner. 2,674,513.
- Fuller, Donald L.: *See—*
Copes, Joseph P., Fuller, and McKinley.
- Fuller, George W. 2,681,254, Cl. 299—121.
- Fuller, James M., and T. H. Walton, assignors to Masonite Corporation. 2,676,108, Cl. 106—38.5.
- Fuller Label & Box Company, assignee: *See—*
Monks, Frank E.
- Fuller, Lyle R.: *See—*
Skogstad, George, Elm, and Fuller.
- Fuller Manufacturing Company, assignee: *See—*
Backus, Thomas.
Trail, Herbert H. 2,679,728.
- Fuller, Myron E. J.: *See—*
Imman, William D., and Fuller. 2,695,537.
- Fuller, Richard B. 2,682,235, Cl. 108—1.
- Fuller, Russell W., assignee: *See—*
Thomas, Orrin H. 2,678,491.
- Fullmer, Russell H. 2,674,281, Cl. 144—118.
- Fullwood, Edward F., to Air Reduction Co., Inc. 2,692,114, Cl. 251—282.
- Fulster, Chris. 2,679,937, Cl. 211—34.
- Fulton Bag & Cotton Mills, assignee: *See—*
Barnet, Fred G. 2,674,509.
- Fulton Company, The, assignee: *See—*
Fulton, Floyd E.
Riemann, Howard C.
- Fulton, Floyd E., Wauwatosa, assignor to The Fulton Company, West Allis, Wis. Vehicle bumper tow clamp. 2,673,095, Mar. 23.
- Fulton, Harry L., Pueblo, Colo. Two-way grease trap and sewer pipe cleanout fixture. 2,670,808, Mar. 2.
- Fulton, John W., and R. A. Kuebler, to General Electric Co. 2,694,433, Cl. 153—1.
- Fulton, John W., and A. Loft, to General Electric Co. 2,697,025, Cl. 23—182.
- Fulton, Loyd R. 2,689,957, Cl. 2—93.
- Fults, Elmer H.: *See—*
Bonewitz, Paul W., Fults, and Hockett. 2,678,303.
- Fumagalli, Charles, Guatemala City, Guatemala. Electric generator with variable propeller and governing means therefor. 2,666,149, Jan. 12.
- Fundingsland, Osmund T., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,680,821, Cl. 307—106.
- Fundingsland, Osmund T., to the United States of America as represented by the Secretary of the Navy. 2,688,705, Cl. 307—108.
- Funk, Carl E., assignor to R. R. Funk. 2,678,807, Cl. 256—24.
- Funk, Charles A. 2,697,239, Cl. 15—167.
- Funk, Dorothy B., Burbank, Calif. Prosthetic stocking. 2,666,208, Jan. 19.
- Funk, Edward J., Jr.: *See—*
Hanson, Hartwig M., and Funk. 2,675,067.
- Funk, Henry C., and M. B. Reger, to E. I. du Pont de Nemours & Co. 2,690,981, Cl. 117—76.
- Funk, Robert V.: *See—*
Engelder, Paul O. 2,677,964.
Ennis, George H. and W. W. 2,682,800.
- Funk, Rosemary R., assignee: *See—*
Funk, Carl E. 2,678,807.
- Funk, Theodore. 2,678,861, Cl. 312—10.
- Funkhouser, Mearick: *See—*
Brundrett, George A., and Funkhouser. 2,695,034.
- Funnell, Reginald E.: *See—*
Langley, Marcus, Gerritsen, and Funnell. 2,695,461.
- Funston, Frederick D., to Bendix Aviation Corp. 2,685,840, Cl. 103—54.
- Funston, Frederick D., to Bendix Aviation Corp. 2,696,788, Cl. 103—42.
- Fuqua, Mack C., and G. P. Hamner, Baton Rouge, La., assignors to Standard Oil Development Company. Decobalting oxo aldehydes with ion exchange resins. 2,667,514, Jan. 26.
- Furay, Robert D.: *See—*
Eagon, Norton D., and Furay. 2,682,746.
- Furbush, Merrill A.: *See—*
Gaertner, Charles K., and Furbush. 2,691,226.
- Furby, Neal W.: *See—*
Newnan, Charles D., and Furby.
Stewart, William T., Newnan, and Furby.
- Furcini, James F. 2,684,594, Cl. 73—414.
- Furczyk, Alfons A.: *See—*
Hess, Frederic O., Furczyk, and Gildersleeve. 2,694,246.
- Furey, Lawrence M., to the United States of America as represented by the Secretary of the Army. 2,686,969, Cl. 30—294.
- Furman, Frank J., H. J. Kistner, and H. L. Read, to International Business Machines Corp. 2,687,250, Cl. 235—60.31.
- Furman, Kenneth E.: *See—*
Finch, Harry de V., and Furman. 2,684,984.
- Furman, Louis J., assignor to Parker Manufacturing Company. 2,676,630, Cl. 145—35.
- Furman, Marie: *See—*
Baker, Willis C. 2,696,039.
- Furnas Electric Co.: *See—*
Cobb, Harold E., and Furnas. 2,687,458.
Furnas, William C. 2,680,285.
Furnas, William C., and Cobb. 2,687,502.
Furnas, William C., and Koertge.
Rucks, Edward L., and Johnson. 2,687,498.
- Furnas, William C.: *See—*
Cobb, Harold E., and Furnas. 2,687,458.
- Furnas, William C., assignor to Furnas Electric Company. 2,680,285, Cl. 29—155.61.
- Furnas, William C., Batavia, and N. H. Koertge, Glen Ellyn, assignors to Furnas Electric Company, Batavia, Ill. Electric motor starter mounting. 2,673,300, Mar. 23.
- Furnas, William C., and H. E. Cobb, to Furnas Electric Co. 2,687,502, Cl. 317—191.
- Furness Shipbuilding Company Limited, assignee: *See—*
Newton, Edmund. 2,678,598.
- Furness, William H., Haddonfield, N. J., assignor to Copper Research. Making stable cupric hydroxide. 2,666,688, Jan. 19.
- Furr, Edward G.: *See—*
Stosberg, Charles E., and Furr. 2,689,428.
- Fürst, Stefan, assignor to W. Reiners. 2,677,870, Cl. 28—39.
- Fürst, Stefan, assignor to W. Reiners. 2,679,361, Cl. 242—35.5.
- Fürst, Stefan, to W. Reiners. 2,683,917, Cl. 28—39.
- Fürst, Stefan, to W. Reiners. 2,685,414, Cl. 242—37.
- Fürst, Stefan, to W. Reiners. 2,685,726, Cl. 28—32.
- Fürst, Stefan, to W. Reiners. 2,697,267, Cl. 28—68.
- Furth, Jacob R., assignor to The Will-Burt Company, Orrville, Ohio. Oil burning tobacco curing furnace and heat distributor. 2,670,191, Feb. 23.
- Furzehill Laboratories Ltd.: *See—*
Milsom, Frederick R. 2,692,356.
- Fusarc Ltd.: *See—*
Stretton, Henry J. 2,692,325.
- Fusselman, James, deceased, late of Tampa, Fla., by F. O. Hobbs, administrator, assignor of two-thirds to H. V. Jones, and one-third to H. O. Wilson, Tampa, Fla. Condensation preventing means for display cases. 2,672,725, Mar. 23.
- Fuston, Howard L. 2,685,623, Cl. 200—30.
- Futral, John G.: *See—*
Allen, Robert L., and Futral. 2,684,781.
- Fyke, Russell W. 2,697,394, Cl. 97—181.
- Fyler, George W., Lombard, assignor to Motorola, Inc., Chicago, Ill. Automatic frequency control circuit. 2,670,438, Feb. 23.
- Fyler, George W., to Motorola, Inc. 2,683,776, Cl. 179—171.
- Fyler, George W., to Motorola, Inc. 2,683,805, Cl. 250—27.
- Fyler, Norman F., and W. E. Rowe, to Columbia Broadcasting System, Inc. 2,690,518, Cl. 313—70.
- Fyr-Fyter Company, The, assignee: *See—*
Housekeeper, Earl J., Hunter, and Braun.
Knoblock, James W.
- G. K. N. Group Services Ltd.: *See—*
Ballard, Alfred G. 2,682,973.
- G. and M. Equipment Co.: *See—*
Giesbrecht, Frank. 2,688,221.
- G. M. Pfaff A.-G.: *See—*
Neukirch, Johannes. 2,688,295.
- G. R. K. Chemical Co. Inc., assignee: *See—*
Keenan, Burton. 2,676,889.
- Gabaer, Blanche, Brooklyn, N. Y. Sectional hair mold. 2,670,743, Mar. 2.
- Gabardi, Arturo. 2,694,604, Cl. 301—37.
- Gabel, Joseph W., Sugar Grove, Ohio, assignor to American Cyanamid Company, New York, N. Y. Mounting means for multicomponent optical assemblies. 2,668,469, Feb. 9.
- Gabel, Willard, and J. Weltert, to Bell Telephone Laboratories, Inc. 2,686,012, Cl. 242—55.

- Gable, Charles M.: *See*
Redlich, Otto, and Gable. 2,684,935.
- Gabler, Rudolf, to Inventa A. G. fuer Forschungs- und Patentverwertung Luzern. 2,687,552, Cl. 18—8.
- Gabler, Walter: *See*
Fitch, Hans and Gabler. 2,690,270.
- Gaboriand, Paul. 2,685,669, Cl. 321—36.
- Gabriel Co., The: *See*
Finneburgh, Lewis H., Jr., and Turk. 2,694,539.
Gero, Ansel J. 2,688,149.
Patriquin, William G.
Stewart, Jack L. 2,697,785.
Trebules, Victor W.
- Gabriel, Edwin Z., to the United States of America as represented by the Secretary of the Air Force. 2,685,492, Cl. 346—74.
- Gabrielsen, Christian, to Rowe Mfg. Co., Inc. 2,683,517, Cl. 194—97.
- Gabrielsen, Christian, Mountain Lakes, and W. R. Post, Dover, assignors to Rowe Manufacturing Co., Inc., Whippany, N. J. Merchandising machine for frozen comestibles. 2,672,389, Mar. 16.
- Gabrielsen, Christian, and J. F. Morrison, assignors to Rowe Manufacturing Co., Inc. 2,677,450, Cl. 194—7.
- Gabrielson, Samuel L., and J. W. McNairy, to General Electric Co. 2,681,071, Cl. 137—53.
- Gackebach, Paul H. 2,683,603, Cl. 273—106.
- Gacki, Leonard W., Jamaica, and W. A. Winfield, Bronx, N. Y., assignors to X-ray Instrument Corporation, X-ray film cassette. 2,666,855, Jan. 19.
- Gadal, Lucien V.: *See*
Pira, Buddie L., and Gadal.
- Gaddini, Norman E., Winters, Calif. Fruit halving and pitting machine. 2,664,932, Jan. 5.
- Gaddoni, Louis. 2,682,387, Cl. 251—337.
- Gadea, Ramon A., and W. P. Munro, to American Cyanamid Co. 2,691,020, Cl. 260—249.
- Gaertner, Charles K., and M. A. Furbush, to General Precision Laboratory Inc. 2,691,226, Cl. 35—10.4.
- Gaertner, George W., Jr.: *See*
McCormey, John W., and Gaertner. 2,697,730.
- Gaeth, Rudolf: *See*
Stastny, Fritz, and Gaeth. 2,681,321.
- Gaffney, Francis J.: *See*
Young, Louis B., and Gaffney. 2,684,467.
- Gaffney, William O., Jr. 2,684,239, Cl. 268—119.
- Gafford, William T., $\frac{1}{2}$ to G. C. Ver Wiebe. 2,696,370, Cl. 259—108.
- Gagarine, Dmitry M., and H. Repokis, to Dan River Mills, Inc. 2,696,477, Cl. 260—29.2.
- Gage, James O. 2,677,509, Cl. 242—84.1.
- Gagen, Charles V.: *See*
Cresson, William K., Gagen, and Knight. 2,682,778.
- Gagen, Charles V., to Bendix Aviation Corp. 2,698,205, Cl. 303—54.
- Gagen, Thomas H.: *See*
Welschenbach, Charles D., and Gagen. 2,681,733.
- Gager, Curtis H., to General Foods Corp. 2,693,419, Cl. 196—22.
- Gagle, Duane W., to Phillips Petroleum Co. 2,691,621, Cl. 196—22.
- Gagliardi, Domenick D., to Sun Chemical Corp. 2,693,160, Cl. 260—70.
- Gagnaire, Louis, assignor to Heat and Industry Inc. 2,676,670, Cl. 183—120.
- Gagnan, Emile. 2,694,253, Cl. 30—43.
- Gagne, Archie R. 2,693,056, Cl. 51—80.
- Gagné, Hervé, assignor of 50% to C. Ouimet. 2,679,881, Cl. 152—191.
- Gagnebin, Albert P.: *See*
Mills, Keith D., Gagnebin, and Boden. 2,675,308.
Mills, Keith D., Gagnebin and Pilling. 2,690,392.
- Gagnon, Henry J., Olalla, Wash. Mailbox signal. 2,670,897, Mar. 2.
- Gagnon, Roland K.: *See*
Caroselli, Remus P., and Gagnon. 2,686,737.
- Gahagan, Philip J. 2,693,556, Cl. 317—236.
- Gaidos, Alonzo E. 2,688,203, Cl. 42—75.
- Gail, William, Jr.: *See*
Crittendon, Lexie R., and Gail. 2,685,754.
- Gaines, Harry B., assignor to Saginaw Furniture Shops, Inc. 2,679,443, Cl. 311—54.
- Gainsbury, Peter E.: *See*
Rhodes, Edwin C., and Gainsbury. 2,681,860.
- Gair, Albert W., to Thompson Products, Inc. 2,686,087, Cl. 308—28.
- Gair, Albert W., to Thompson Products, Inc. 2,687,787, Cl. 188—205.
- Gair, Albert W., to Thompson Products, Inc. 2,687,925, Cl. 308—28.
- Gair, Albert W., and E. J. Herbenar, to Thompson Products, Inc. 2,687,926, Cl. 308—28.
- Gair, Robert, Co., Inc.: *See*
Ahlmeyer, Heinz, and Sherman. 2,697,969.
Gilbert, Clyde L. 2,696,341.
Rossi, Harry J. 2,679,930.
- Gaiser, Roney A., to Libbey-Owens-Ford Glass Co. 2,681,405, Cl. 219—19.
- Gaiser, Roney A., to Libbey-Owens-Ford Glass Co. 2,690,731, Cl. 118—63.
- Gaiser, Roney A., to Libbey-Owens-Ford Glass Co. 2,697,675, Cl. 154—271.
- Gaiser, Roney A., to Libbey-Owens-Ford Glass Co. 2,698,261, Cl. 117—124.
- Gaiser, Roney A., and G. B. Watkins. 2,674,743, Cl. 3—13.
- Gaisman, Henry J. 2,681,823, Cl. 296—63.
- Gaither, Bert, Van Nuys, Calif. Shoeshine device. 2,664,585, Jan. 5.
- Gajewski, Stefan, and R. L. Koule, to Cutler Hammer, Inc. 2,691,706, Cl. 200—83.
- Galan, Albert C., and L. D. Naegelin. 2,681,570, Cl. 73—321.
- Galazzi, Joseph A.: *See*
Harris, Charles D., and Galazzi.
Prosek, John R., and Galazzi. 2,694,296.
- Galazzi, Joseph A., to International Harvester Co. 2,682,753, Cl. 62—2.
- Galazzi, Joseph A., and A. R. Harris, assignors to International Harvester Company. 2,674,430, Cl. 248—236.
- Galbraith, Bart A. 2,677,967, Cl. 74—87.
- Galbraith, Martin J., assignor to Sutherland Paper Company, Kalamazoo, Mich. Grease and moistureproof carton and container. 2,665,833, Jan. 12.
- Galdik, John J. 2,696,011, Cl. 3—17.
- Gale, Richard J., to the United States of America as represented by the Secretary of the Army. 2,681,764, Cl. 235—61.
- Galeazzi, Roberto. 2,693,179, Cl. 128—142.
- Galeazzi, Roberto. 2,693,180, Cl. 128—144.
- Galeazzi, Secondo: *See*
Nidesch, Johannes, Bertschy, and Galeazzi. 2,678,879.
Nidesch, Johannes, Bertschy, and Galeazzi. 2,678,880.
- Galeski, Joseph S., assignor to Galeski Laboratory, Inc., Richmond, Va. Forming artificial eyes. 2,673,369, Mar. 30.
- Galeski Laboratory, Inc., assignee: *See*
Galeski, Joseph S.
- Gallagher Company, The, assignee: *See*
Potts, John T.
- Gall, Harry, and L. Reiss. 2,687,825, Cl. 221—82.
- Gallon Iron Works & Mfg. Co., The: *See*
Fink, Robert C., Sr. 2,682,153.
- Galkin, Joseph, New York, N. Y. Trimming attachment for sewing machines. 2,667,850, Feb. 2.
- Galkin, Joseph, New York, N. Y. Elastic metering attachment for sewing machines. 2,670,702, Mar. 2.
- Galkin, Joseph. 2,687,704, Cl. 112—211.
- Galkin, Joseph. 2,692,568, Cl. 112—214.
- Gall, George R., Cleveland, Ohio. Pane retainer. 2,667,951, Feb. 2.
- Gall, George R., Cleveland, Ohio. Window. 2,670,505, Mar. 2.
- Gall, John C.: *See*
Henderson, James P., and Gall.
- Gall, Ralph J.: *See*
Greenspan, Frank P., and Gall. 2,684,353.
Greenspan, Frank P., and Gall. 2,692,271.
- Galla, Stephen J.: *See*
Cromwell, Herbert E., and Galla. 2,693,616.
- Gallaccio, Anthony: *See*
Tuckerman, Arnold J., Kushner, and Gallaccio. 2,686,936.
- Gallagher, John A., and I. Pincus, to the United States of America as represented by the Secretary of the Navy. 2,696,430, Cl. 52—5.
- Gallagher, Bernard S.: *See*
Emmons, William J., and Gallagher.
- Gallagher, Hayden E.: *See*
Eber, Mortimer, Knochel, and Gallagher. 2,686,958.
- Gallagher, John L. 2,676,590, Cl. 128—156.
- Gallagher, John R., assignor to International Register Company. 2,679,602, Cl. 307—39.
- Gallagher, Ray J., assignor to Automatic Electric Laboratories, Inc. 2,674,655, Cl. 179—6.5.
- Gallagher, Ray J., and T. P. Cassidy, Jr., to Automatic Electric Laboratories, Inc. 2,687,793, Cl. 194—9.
- Gallagher, William P., assignor to International Register Company, Chicago, Ill. Dual speed interval timer. 2,670,794, Mar. 2.
- Gallagher, William P., to International Register Co. 2,681,444, Cl. 340—393.
- Gallagher, William P., River Forest, and A. D. Stolle, assignors to International Register Company, Chicago, Ill. Timing mechanism. 2,671,830, Mar. 9.
- Gallagher, William P., and C. Weber, assignors to International Register Company, Chicago, Ill. Automatic timing mechanism. 2,673,258, Mar. 23.
- Gallai-Hatchard, Marcel: *See*
Hilttemann, Paul F., Klotzbach, Vorwerk, and Gallai-Hatchard. 2,693,666.
- Gallardo, Tomas, New Orleans, La. Bait retaining fish-hook. 2,668,387, Feb. 9.
- Gallaseh, Bernhardt G., assignor to Bausch & Lomb Optical Company. 2,677,987, Cl. 88—39.
- Galloway, Howard M., to Westinghouse Electric Corp. 2,683,017, Cl. 253—39.
- Galley, John. 2,696,163, Cl. 99—427.
- Galliano, Mario R., and W. J. Hitchen. 2,688,096, Cl. 250—70.
- Gallie, Donald B., and K. K. Gottshalk, Perkiomenville, Pa. Refrigerated worm container. 2,673,454, Mar. 30.
- Galllugh, Gordon W., Linden, Mich. Jet torpedo exhaust silencer or muffler for internal-combustion engines. 2,667,940, Feb. 2.
- Gallion, Harold V., and E. A. Sears. 2,678,792, Cl. 248—226.

- Gallo, Ella A., and H. D. Hoffman, assignors to Curtiss-Wright Corporation. 2,675,848, Cl. 137—85.
- Gallo, S. George, and C. E. Morrell assignors to Standard Oil Development Company. 2,675,107, Cl. 260—533.
- Galloway, Frederick J. 2,676,689, Cl. 194—94.
- Galloway, Victor A. 2,674,384, Cl. 214—75.
- Gallup, Richard W., and J. O. Tilly, to the United States of America as represented by the Secretary of Agriculture. 2,683,873, Cl. 73—122.
- Galonska, David A.: *See*—
- Reid, William L., and Galonska. 2,693,713.
- Galstaun, Lionel S., assignor to Tide Water Associated Oil Company. 2,678,301, Cl. 252—33.
- Galt, John K., to Bell Telephone Laboratories, Inc. 2,692,978, Cl. 336—233.
- Galvame Products Corp.: *See*—
- Friedman, Maurice. 2,681,945.
- Galzin, Louis: *See*—
- Heidmann, Leon, Galzin and Letrilliart. 2,689,324.
- Gamarekian, Sooren E., to General Electric Co. 2,682,167, Cl. 73—67.
- Gamble Brothers, Inc., assignee: *See*—
- Dosker, Cornelius D. 2,675,769.
- Gamble, Howard F.: *See*—
- Smith, Lawrence A., and Gamble.
- Gamble, Hugh A.: *See*—
- Smith, William B.
- Smith, William B. 2,676,449.
- Smith, William B. 2,692,469.
- Gamble, Morgan E.: *See*—
- West, Willis Z., Jr., and Gamble. 2,677,777.
- Gamble, Morgan E. 2,690,571, Cl. 5—317.
- Gamble, Samuel G., assignor to His Majesty the King in the right of Canada, as represented by the Minister of Mines and Technical Surveys. 2,676,409, Cl. 33—1.
- Gamble, Terry S., to Shawinigan Chemicals Ltd. 2,692,853, Cl. 204—110.5.
- Gambrill, Richard D., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Leak detecting apparatus. 2,669,660, Feb. 16.
- Gamertsfelder, George R., Watertown, Mass. Shock excited oscillator circuit. 2,671,173, Mar. 2.
- Gamet, Kenneth S., and H. E. Stewart. 2,693,394, Cl. 301—37.
- Gamet, Louis J. M., assignor to La Precision Industrielle (Societe Anonyme). 2,674,461, Cl. 279—4.
- Gamewell Co., The: *See*—
- Lansil, Clifford E. 2,685,612.
- Weld, Foster E. 2,680,150.
- Weld, Foster E. 2,685,686.
- Gammon, Howard M., and F. W. Sward, to Thompson Products, Inc. 2,694,388, Cl. 123—90.
- Gamrath, Harry R., assignor to Monsanto Chemical Company, St. Louis, Mo. Esters of gamma-ketopimelic acid. 2,665,303, Jan. 5.
- Gamrath, Harry R., and R. E. Hatton, assignors to Monsanto Chemical Company. 2,678,329, Cl. 260—461.
- Gamrath, Harry R., and R. E. Hatton, to Monsanto Chemical Co. 2,694,689, Cl. 260—30.6.
- Gams, Alphonse, W. Kraus, E. Preiswerk, G. Widmer, and W. Wieland, to Ciba Ltd. 2,682,490, Cl. 154—43.
- Gams, Theodore C.: *See*—
- Gore, Owen L., Crawford, and Gams. 2,686,470.
- Gamsz, Paul: *See*—
- Manheim, Karl, and Gamsz.
- Ganay, René. 2,685,387, Cl. 222—193.
- Ganeberg, Abraham: *See*—
- Guillissen, Clément J., and Ganeberg. 2,684,379.
- Ganeberg, Abram: *See*—
- Guillissen, Clement J., and Ganeberg. 2,695,307.
- Gandert, Hans: *See*—
- Ludwig, Georg, and Gandert.
- Gandon, Arthur: *See*—
- Samko, Alexander. 2,684,529.
- Gandrud, Ebenhard S. 2,678,216, Cl. 275—14.
- Gandrud, Ebenhard S. 2,678,756, Cl. 222—410.
- Gang, Herman, to Monroe Calculating Machine Co. 2,684,809, Cl. 235—60.47.
- Gangemi, Carmine. 2,684,209, Cl. 241—236.
- Ganger, Jesse R.: *See*—
- Christian, Raymond A., Ganger, Crawford, and Johnson.
- Ganguin, Karl O., and E. Macdonald, to Imperial Chemical Industries Ltd. 2,688,538, Cl. 95—2.
- Ganguin, Karl O., and E. Macdonald, to Imperial Chemical Industries Ltd. 2,688,540, Cl. 95—2.
- Ganguin, Karl O., and E. Macdonald, to Imperial Chemical Industries Ltd. 2,688,541, Cl. 95—2.
- Gangwer, Richard C., Allentown, Pa., assignor to Trojan Powder Company. Crystallization of trimethylol ethane. 2,671,118, Mar. 2.
- Gann, Paul W., and R. L. Heider, to Monsanto Chemical Co. 2,692,890, Cl. 260—461.
- Gannett, Wright K.: *See*—
- Mast, Gifford M., Gannett, and Taylor. 2,693,643.
- Gannon, Frank A., $\frac{1}{2}$ to Blackburn and General Aircraft, Ltd. 2,689,696, Cl. 244—118.
- Gannon, John J., Troy, C. P. Powell, Waterford, and J. J. Fiscella, Schuyler Heights, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Apparatus for twisting and winding yarns. 2,664,694, Jan. 5.
- Gannon, Russell R. 2,680,566, Cl. 237—2.
- Gans, Alfred: *See*—
- Moravec, Ladislav, and Gans.
- Gans, Fred W., Trenton, N. J., assignor of one-half to H. A. Mitman, Laurel, Miss. Smoking pipe. 2,671,453, Mar. 9.
- Gantert, Theodore M.: *See*—
- Hull, Lloyd A., and Gantert. 2,677,564.
- Gantner, Edward G., assignee: *See*—
- Manetti, Mario J.
- Gantzer, Howard E., to Consolidated Packaging Machinery Corp. 2,691,173, Cl. 226—49.
- Ganz, Albert, North Bergen, N. J. Stage backdrop. 2,670,956, Mar. 2.
- Ganz, Harry, assignor to Bac-A-Brand Products, Inc., New York, N. Y. Belt buckle. 2,667,677, Feb. 2.
- Ganzmann, Robert P., Little Falls, N. Y. Power pulverizing plow. 2,664,803, Jan. 5.
- Gapen, Clark C., and R. W. Bond, assignors to Corn Products Refining Company. 2,678,903, Cl. 195—36.
- Gappa, William L., and C. E. Buerki, to A. J. Lindemann & Hooverson Co. 2,688,361, Cl. 158—42.
- Gaquin, John H. 2,677,903, Cl. 36—8.5.
- Garabrant, Arthur R., H. G. Goering, and H. G. Schneider, to Standard Oil Development Co. 2,698,320, Cl. 260—94.8.
- Garapolo, Orlando: *See*—
- Moss, Walter E., and Garapolo.
- Garapolo, Orlando, to Wilson & Co., Inc. 2,693,752, Cl. 100—51.
- Garbellano, David W.: *See*—
- Jeppson, Morris R. 2,695,374.
- Garber, Don M. 2,688,484, Cl. 273—30.
- Garber, Guy S., Jr. 2,679,671, Cl. 24—87.
- Garber, Irving B., to National Potteries. 2,686,988, Cl. 47—35.
- Garber, John D.: *See*—
- Serniuk, George E., and Garber. 2,676,933.
- Garber, Josephine R.: *See*—
- Johnson, John S., Sterrett, and Garber.
- Garbo, Paul W., Freeport, assignor to Hydrocarbon Research, Inc., New York, N. Y. Hydrocarbon synthesis and apparatus therefor. 2,671,796, Mar. 9.
- Garbo, Paul W., assignor to Hydrocarbon Research, Inc. 2,674,524, Cl. 48—197.
- Garbo, Paul W., to Hydrocarbon Research, Inc. 2,683,657, Cl. 48—202.
- Garbo, Paul W., to Hydrocarbon Research, Inc. 2,692,901, Cl. 260—679.
- Garbo, Paul W., to Hydrocarbon Research, Inc. 2,696,718, Cl. 62—175.5.
- Garbo, Paul W., and M. Kwauk, assignors to Hydrocarbon Research, Inc. 2,674,525, Cl. 48—206.
- Garbs, Raymond. 2,676,217, Cl. 200—60.
- Garbun, Max, assignor to Westinghouse Electric Corporation. 2,679,613, Cl. 315—5.
- Garcia, Alfredo M.: *See*—
- Peralta, Roberto J., and Garcia. 2,690,858.
- Garcia, Gilbert C., to The Heller Co. 2,689,955, Cl. 1—187.
- Garcia, Humberto A. 2,676,377, Cl. 24—137.
- Garcia, Humberto (Rendón). 2,677,379, Cl. 132—39.
- Garcia, Leoncio R., San Jose de las Lajas, Cuba. Fly trap. 2,667,716, Feb. 2.
- Gard, George E., East Hempfield Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Continuous mixer. 2,668,693, Feb. 9.
- Gard, Jesse J.: *See*—
- Barnes, Ralph G. 2,693,136.
- Garden, Nelson B.: *See*—
- Gifford, John F., and Garden.
- Garden City Plating & Mfg. Co.: *See*—
- Kurtzon, Charles K. 2,680,502.
- Kurtzon, George B., and Bienias. 2,692,802.
- Zurawski, Edward F. 2,694,139.
- Gardener's Friend Co., a division of R. F. Cooke Mfg. Co.: *See*—
- Cooke, Roy F. 2,682,704.
- Gardes, Alfred W., Detroit, Mich., assignor to Honan-Crane Corporation, Lebanon, Ind. Manifold for clarifier intakes. 2,667,273, Jan. 26.
- Gardes, Alfred W., to Honan-Crane Corp. 2,694,229, Cl. 19—67.
- Gardiner, Duncan B., assignor to Vickers Incorporated. 2,674,092, Cl. 60—51.
- Gardiner, Duncan B., to Vickers Inc. 2,689,583, Cl. 137—490.
- Gardiner, Elliott W., and F. R. Jones, to International Business Machines Corp. 2,682,833, Cl. 101—113.
- Gardner, Almus H., and C. W. Pewthers, assignors to Longhorn Industries, Inc., Henderson, Tex. Endless bucket conveyor ditch digging machine. 2,671,282, Mar. 9.
- Gardner, Benjamin R., Jr. 2,677,122, Cl. 340—171.
- Gardner Board and Carton Co., The: *See*—
- Castle, Eli N. Re. 23,871.
- Ringler, William A. 2,675,158.
- Ringler, William A. 2,678,751.
- Ringler, William A. 2,682,972.
- Ringler, William A. 2,696,942.
- Sooy, Brainard E. 2,674,123.
- Sooy, Walter E. and B. E., and Kramer. 2,687,301.
- Trosset, Stanley W., Jr., Fisher, and Holmes. 2,698,259.
- Van Rosen, Robert E., and Ringler. 2,682,988.
- Gardner, Byron T. 2,693,927, Cl. 248—263.

- Gardner, Charles J., Bradford, Pa. Automobile tail pipe connector. 2,667,372, Jan. 26.
- Gardner, Charles N., and A. C. Weiss, to the United States of America as represented by the Secretary of the Army. 2,683,326, Cl. 43—131.
- Gardner, Charles P.: *See—*
Mellvried, Edwin J., and Gardner.
- Gardner, Clarence M.: *See—*
Dodson, Claude J., and Gardner. 2,680,277.
Dodson, Claude J., and Gardner. 2,680,459.
- Gardner Denver Co.: *See—*
Pearson, Gustav C. 2,689,547.
- Gardner, Edward M., assignor to Merrill Brothers. 2,676,838, Cl. 294—104.
- Gardner, George F., Scotia, and T. A. Rich, Schenectady, N. Y., assignors to General Electric Company. Flowmeter. 2,669,873, Feb. 23.
- Gardner, Glenn A.: *See—*
Reynolds, Willards S., and Gardner.
- Gardner, Guy F., to Harry Ferguson, Inc. 2,697,393, Cl. 97—47,66.
- Gardner, Harold R., Toutle, Wash. Adjustable brake control. 2,672,061, Mar. 16.
- Gardner, Henry A., Laboratory, Inc.: *See—*
Hunter, Richard S. 2,696,750.
- Gardner, James M.: *See—*
Piper, Frank R., and Gardner. 2,675,186.
Piper, Frank R., and Gardner. 2,682,379.
- Gardner, James M. 2,691,725, Cl. 250—20.
- Gardner, Lawrence H. 2,674,266, Cl. 137—620.
- Gardner, Leland A., and J. L. Hysko, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier telegraph system. 2,667,536, Jan. 26.
- Gardner, Leo R., Berkeley, assignor to California Spray-Chemical Corporation, Richmond, Calif. Screw worm fly control. 2,667,438, Jan. 26.
- Gardner, Owen M., Opportunity, and A. J. Stone, Spokane, Wash., assignors to Kaiser Aluminum & Chemical Corporation, Oakland, Calif. Casting metal. 2,672,665, Mar. 23.
- Gardner, Robert I., to J. W. O'Brien. 2,692,629, Cl. 146—78.
- Gardner, Roy D., Las Animas, Colo. Baled hay loader attachment for tractors. 2,673,653, Mar. 30.
- Gardner, Thomas S., and E. Wenis, to Hoffmann-La Roche Inc. 2,685,584, Cl. 260—294.8.
- Gardner Wire Co.: *See—*
Williams, Ralph E., and Nowak. 2,691,416.
- Gardner Wood Products, Inc.: *See—*
Carlson, Herman H. 2,688,756.
- Gardner Wood Products Co., Inc., assignee: *See—*
Pond, Kenneth H.
Westerfors, Erick A.
- Garfield Mfg. Co.: *See—*
Yedlick, Elmer J., and Ford. 2,687,967.
- Garfield, Paul E. 2,678,047, Cl. 132—11.
- Gariel, Paul, assignor to Etablissements Neyrpic, Grenoble, France. Apparatus for separating suspended material from a fluid stream. 2,673,451, Mar. 30.
- Gariepy, Victor, Waterloo, Quebec, Canada. Dilator for clogged teats. 2,664,894, Jan. 5.
- Garik, Serge, assignor to Research Corporation. 2,674,357, Cl. 192—56.
- Garland, Charles S. 2,692,685, Cl. 210—169.
- Garland, Claude B., Compton, assignor of one-half to C. Frye, Long Beach, Calif. Sheet metal shears with linkage. 2,668,352, Feb. 9.
- Garland, Claude B., Compton, assignor of one-half to C. Frye, Long Beach, Calif. Telescopic hoisting boom. 2,668,625, Feb. 9.
- Garland, Edward J., to Ray-O-Vac Co. 2,690,503, Cl. 240—10,66.
- Garland, Hereford: *See—*
Yeadon, Donald J., Hooker, and Garland. 2,691,395.
- Garlock Packing Co., The: *See—*
Chambers, Albert M., Jr., Greiner, and Wizeman.
Chambers, Albert M., Jr., and Milligan. 2,695,799.
Fisher, Edward W., Jr., and Chambers.
Houghton, George E. 2,688,895.
Jones, Lawrence T. 2,692,782.
- Garman, Ivan S. 2,686,494, Cl. 119—58.
- Garman, Leo H., and H. N. Copp, to Mechanical Handling Systems Inc. 2,685,361, Cl. 198—181.
- Garman, Raymond L.: *See—*
Hirsch, Julian D., and Garman. 2,676,500.
Roberts, Rex A., and Garman. 2,692,442.
- Garman, Raymond L., and M. E. Droz, Pleasantville, and J. W. Gray, White Plains, N. Y., assignors to General Precision Laboratory Incorporated. Supersonic flow meter. 2,669,121, Feb. 16.
- Garner, Oscar G.: *See—*
Atkinson, Ralph W., and Garner. 2,678,863.
- Garner, Philip J., P. A. Winsor, and E. C. Lumb, to Shell Development Co. 2,687,439, Cl. 260—643.
- Garnich, Emil. 2,677,856, Cl. 18—60.
- Garnier, Henri L., and R. H. Marchal, assignors to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, Paris, France. Means for balancing piston engines. 2,666,418, Jan. 19.
- Garofalow, Donald G. 2,686,987, Cl. 46—200.
- Garoutte, John M., and P. S. Hass, to Permanente Cement Co. 2,687,290, Cl. 263—53.
- Garrard Engineering and Mfg. Co., Ltd., The: *See—*
Fortune, Henry J. 2,683,039.
Mortimer, Edmund W. 2,687,643.
- Garraway, Richard E., assignor to International Telephone and Telegraph Corporation. 2,678,346, Cl. 174—153.
- Garretson, Donald J., Southfield Township, Oakland County, assignor to H. T. Ackerman, Lake Orion, Mich. Shoe spinner attachment device. 2,671,971, Mar. 16.
- Garretson, Owen L., and C. O. Henneman, Bartlesville, Okla., assignors to Phillips Petroleum Company. Self-sealing relief valve. 2,666,448, Jan. 19.
- Garretson, Owen L. 2,683,027, Cl. 261—18.
- Garretson, Owen L. 2,683,084, Cl. 48—184.
- Garrett, Clifton W. 2,692,558, Cl. 103—6.
- Garrett Corp., The: *See—*
Arthur, Robert A.
Arthur, Robert A., Kemper, and Fischer. 2,692,345.
Block, Harold H.
Brown, Norman M., Jr. 2,694,170.
Brown, Norman M., Jr., and Shank. 2,684,459.
Chapman, James E.
Fischer, Richard A.
Fischer, Richard A. 2,691,516.
Fischer, Richard A., and Arthur. 2,692,546.
Green, Frederick H. 2,693,088.
Jensen, Raymond W.
Kemper, James M.
Kemper, James M. 2,696,153.
Lytle, Elvin D. 2,689,919.
Mayer, Waldemar F. 2,697,917.
Nichols, Frederick J., and Dowd.
Nourse, Philip R., and Kimes. 2,695,609.
Wood, Homer J. 2,684,196.
- Garrett, Donald A., to Imperial Chemical Industries Ltd. 2,698,418, Cl. 324—61.
- Garrett, Gilbert J. 2,682,264, Cl. 126—378.
- Garrett, Jack N. 2,682,350, Cl. 214—730.
- Garrett, Jack N. 2,687,226, Cl. 214—620.
- Garrett, Jacob. 2,687,635, Cl. 69—34.
- Garrett, John E., M. B. Karellitz, and D. R. Jones, assignors to Olin Industries, Inc. 2,674,127, Cl. 73—159.
- Garrett, John E., and M. B. Karellitz, assignors to Olin Industries, Inc. 2,674,151, Cl. 88—14.
- Garrett, Joseph M. 2,693,036, Cl. 33—178.
- Garrett, Justin L.: *See—*
Goza, William B., and Garrett. 2,685,991.
- Garrett Oil Tools, Inc.: *See—*
Peters, Clifford M. 2,685,886.
- Garrett, William R., W. E. Liljestrand, and H. B. Young, assignors to Mission Manufacturing Company, Houston, Tex. Pumping system control for washing machines. 2,665,646, Jan. 12.
- Garrido, Fernando R., Guatemala City, Guatemala. Shiftable attachment for shirt collar tabs. 2,668,295, Feb. 9.
- Garrido, Virgilio N., Madrid, Spain. Apparatus for projecting luminous targets. 2,665,133, Jan. 5.
- Garriott, Gerald L., and C. W. T. Walker. 2,676,340, Cl. 5—319.
- Garris, James T. 2,694,595, Cl. 294—16.
- Garrison, James O., and D. D. Walker, to Garrison Machine Works, Inc. 2,695,777, Cl. 267—1.
- Garrison, Jedediah L., and J. P. Whistler, assignors to Bell Telephone Laboratories, Incorporated. 2,680,230, Cl. 333—20.
- Garrison, John B., and C. M. Hepperle, to the United States of America as represented by the Secretary of the Navy. 2,692,974, Cl. 321—158.
- Garrison Machine Works, Inc.: *See—*
Garrison, James O., and Walker. 2,695,777.
- Garrison, Marion A., assignor to Regan Forge & Engineering Co. 2,679,293, Cl. 166—18.
- Garrison, Marion A., assignor to Regan Forge & Engineering Co. 2,679,383, Cl. 255—76.
- Garrison, Marion A., to Kay-Brunner Steel Products, Inc. 2,688,952, Cl. 121—40.
- Garrison, Robert A. Re. 23,867, Cl. 180—79.2.
- Garstang, Tom: *See—*
Hemm, Charles, and Garstang. 2,675,733.
- Gartland, Emmet L.: *See—*
Domaleski, Joseph V., Gartland, and Kleimack. 2,688,110.
- Gartner, Lawrence E., to Bendix Aviation Corp. 2,695,986, Cl. 322—28.
- Garton, Paul I. 2,690,690, Cl. 81—90.
- Gartrell, William F., Baltimore, Md. Rotary scraping brush. 2,670,490, Mar. 2.
- Garubo, Angelo T. 2,688,365, Cl. 160—201.
- Garver, Curtis A., assignor to Guardian Lockers Incorporated. 2,675,107, Cl. 194—54.
- Garver, Curtis A., 50% to M. V. Swift. 2,694,975, Cl. 101—374.
- Garver, Ralph R.: *See—*
Gladfelter, Wiltie L., and Garver. 2,683,340.
- Garvey, Edward, assignee: *See—*
Patterson, Edie J. 2,675,748.
- Garvey, Edward S. 2,678,626, Cl. 118—264.
- Garvin, George L. 2,685,808, Cl. 81—52.4.
- Garwin, Robert J.: *See—*
Goldberg, Max, and Garwin. 2,692,714.
- Garwood, Robert E., assignor to G. C. Jenkins, doing business as Skyway Precision Tool Company, Los Angeles, Calif. Adjustable break-through torque wrench. 2,667,800, Feb. 2.

- Garwood, William E., to Socony-Vacuum Oil Co., Inc. 2,687,983, Cl. 196—28.
- Garwood, William E., F. M. Seger, and A. N. Sachanen, to Socony-Vacuum Oil Co., Inc. 2,681,905, Cl. 260—139.
- Gary, Wright W., Jr., Pasadena, Calif. Alkaline battery. 2,669,595, Feb. 16.
- Garza, Joseph L. 2,690,635, Cl. 55—23.
- Garzone, Salvatore D.: See—
Perry, Edward D., and Garzone.
- Gasche, Scott H., assignor to Thomas Hydraulic Speed Controls, Inc., Wichita, Kans. Variable-speed hydraulic coupling. 2,669,332, Feb. 16.
- Gaschl, René C. J., Alençon, France. Vulcanizing outfit for repairing rubber articles. 2,668,984, Feb. 16.
- Gascolnes (Reading) Ltd., assignee: See—
Kingston, Jones A. 2,678,627.
- Gash, Abram D., Jr.: See—
Bonanno, Joseph L., and Gash.
- Gash, Virgil W., and K. W. Wheeler, assignors to The Wm. S. Merrill Company. 2,679,500, Cl. 260—243.
- Gaskell & Chambers Ltd.: See—
Berwick, Albert G., and W. R. 2,689,671.
- Gaskell, Walter L., Ypsilanti, Mich. Archer's bow. 2,665,679, Jan. 12.
- Gaskell, Walter L., assignor to King-Seeley Corporation. 2,677,400, Cl. 143—174.
- Gaskell, Walter L., to King-Seeley Corp. 2,695,638, Cl. 143—36.
- Gaskill, William A.: See—
Fahnoe, Harold H., and Gaskill.
- Gaskin, Alvin, deceased, Russell Springs; M. Montgomery, Liberty, Ky., executor. Hoisting apparatus. 2,669,425, Feb. 16.
- Gaspar, Bela: See—
Dreyfuss, Paul D. 2,688,542.
Dreyfuss, Paul D., and Gaspar. 2,677,683.
- Gaspar, Bela, G. B. Linden, and P. D. Dreyfuss, assignors, by mesne assignments, to said Gaspar. 2,677,612, Cl. 95—8.
- Gaspar, Bela, and P. D. Dreyfuss, to said Gaspar. 2,681,856, Cl. 95—2.
- Gaspar, Bela, P. D. Dreyfuss, and G. B. Linden, to said Gaspar. 2,696,438, Cl. 95—8.
- Gaspar, Bela, and P. D. Dreyfuss; said Dreyfuss assor. to said Gaspar. 2,698,342, Cl. 260—507.
- Gassaway, Benjamin F., assignor of one-half to G. J. Elsasser. 2,674,064, Cl. 46—90.
- Gassaway, James S., to Baker Oil Tools, Inc. 2,683,491, Cl. 166—173.
- Gassenmeier, Ernst W., deceased (by R. M. Gassenmeier, heir and guardian of minor heirs), and C. Schuster, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,694,704, Cl. 260—239.
- Gassenmeier, Ruth M.: See—
Gassenmeier, Ernst, and Schuster. 2,694,704.
- Gasser, Adolph. 2,682,815, Cl. 95—11.5.
- Gasser-Steiner, Ernst. 2,683,257, Cl. 339—50.
- Gassert, Willy. 2,674,437, Cl. 253—16.5.
- Gassner, Alfred A., and G. B. Parsons, to ACF Industries, Inc. 2,685,845, Cl. 105—4.
- Gassner, Alfred A., and J. MacVeigh, said Gassner assignor to American Car and Foundry Co. 2,685,846, Cl. 105—4.
- Gasson, Edward J.: See—
Wild, Anthony M., Gasson, and Millidge. 2,694,090.
- Gasson, Edward J., and A. F. Millidge, to The Distillers Co. Ltd. 2,686,205, Cl. 260—601.
- Gaston, John H.: See—
Hadden, Edward L., Gaston, and Anderson.
- Gastright, Frank A., assignor to The Queen City Manufacturing Co. 2,676,750, Cl. 229—39.
- Gastright, Frank A., to The Queen City Mfg. Co. 2,687,070, Cl. 93—53.
- Gate City Sash and Door Co.: See—
Jones, Earl P. 2,694,238.
- Gates, Charles A., to G. H. Bishop Co. 2,687,632, Cl. 68—18.
- Gates, Hessler H., assignor to Bryant Chucking Grinder Company. 2,674,048, Cl. 33—199.
- Gates, Hessler H., assignor to Bryant Chucking Grinder Company. 2,678,503, Cl. 33—199.
- Gates, John W., Jr.: See—
Elins, Herbert S., and Gates. 2,688,610.
Lowe, Wesley G., and Gates. 2,691,582.
- Gates, Paul E., to Sylvania Electric Products Inc. 2,697,309, Cl. 49—81.
- Gates, Paul E., to Sylvania Electric Products Inc. 2,697,806, Cl. 317—236.
- Gates, Rufus H., to Missouri Automatic Control Corp. 2,697,448, Cl. 137—795.
- Gates and Sons Inc.: See—
Larsen, Joseph C. 2,694,419.
- Gates, Thomas S., to National Broach & Machine Co. 2,692,536, Cl. 90—1.6.
- Gath, Friedrich: See—
Stein, Wilhelm, and Gath.
- Gatti, Ubaldo. 2,694,968, Cl. 97—38.
- Gatto, Robert. 2,686,915, Cl. 2—128.
- Gattuso, Salvatore E., 8% to A. and P. Capizzi, 8% to A. J. Pantano, and 25% to J. Radosti. 2,695,744, Cl. 229—14.
- Gatzke, Ernest F.: See—
Walters, Gustav, and Gatzke.
Walters, Gustav, and Gatzke. 2,681,223.
- Gaubatz, Arthur W.: See—
McDowall, Charles J., Wheatley, Prachar, and Gaubatz. 2,675,174.
- Gaubatz, Arthur W., assignor to General Motors Corporation. 2,679,136, Cl. 60—39.32.
- Gaubatz, Arthur W., to General Motors Corp. 2,697,907, Cl. 60—35.6.
- Gaubatz, Arthur W., and J. B. Wheatley, to General Motors Corp. 2,693,248, Cl. 184—6.
- Gaubert, René J., assignor to Simplex Packaging Machinery, Inc. 2,676,442, Cl. 53—136.
- Gaubert, René J., assignor to Simplex Packaging Machinery, Inc. 2,676,444, Cl. 53—141.
- Gaul, Joseph, New York, N. Y., and P. J. Mueller, assignors to M. J. Rymland, Baltimore, Md. Machine for producing spring mattresses. 2,666,459, Jan. 19.
- Gaudenzi, Arthur, and H. Giger, to Aktiengesellschaft Brown, Boveri & Cie. 2,697,670, Cl. 117—70.
- Gaudin, Charles, assignor of 1/2 to R. F. Sechand. 2,680,499, Cl. 188—130.
- Gaudin, Olivier. 2,688,620, Cl. 260—327.
- Gaudlitz, Arthur, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Munich, Germany. Semiconductor amplifier having a resiliently adjustably mounted semiconductor. 2,671,189, Mar. 2.
- Gaudreau, Gedeon F.: See—
Begle, Howell E., and Gaudreau. 2,690,610.
- Gaugler, Richard S.: See—
Schweller, Edmund F., and Gaugler.
- Gaugler, Richard S., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerator door. 2,673,377, Mar. 30.
- Gaul, Edward M., to International Harvester Co. 2,682,856, Cl. 116—114.
- Gaul, Edward R., II, and L. A. Brite. 2,690,475, Cl. 178—22.
- Gault, Matthew B. 2,687,113, Cl. 119—22.
- Gaun, Harry M.: See—
Speck, Kurt, and Gaun. 2,696,689.
- Gauntlett, Jane W., and D. A. McNaughton. 2,685,331, Cl. 155—189.
- Gausden, Alfred H.: See—
Thomas, Arthur, and Gausden. 2,697,601.
- Gaut, Geoffrey C., and N. C. Moore, to The Plessey Co. Ltd. 2,689,398, Cl. 29—160.5.
- Gaut, Jack B., and L. M. Miller. 2,693,070, Cl. 56—27.5.
- Gauthier, Albert H., assignor of one-half to H. G. Lumbard, Auburn, Maine. Arm-supported slingshot. 2,672,857, Mar. 23.
- Gauthier, Gaston G., to Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques. 2,685,563, Cl. 204—58.
- Gauthier, Marcel C., to Western Electric Co., Inc. 2,693,160, Cl. 113—100.
- Gauthier, William K.: See—
Zoll, Carl M., and Gauthier.
- Gautier, Claud T.: See—
Shinn, Guy C., and Gautier. 2,683,611.
- Gaved, Clement, assignor to Power Jets (Research and Development) Limited. 2,680,392, Cl. 80—19.
- Gaver, Kenneth M., and E. P. Lasure, Columbus, Ohio, and D. V. Tieszen, Delmar, N. Y., assignors to Ohio State University Research Foundation. Carbohydrate products and process therefor. 2,671,779, Mar. 9.
- Gaver, Kenneth M., Columbus, Ohio, D. V. Tieszen, Delmar, N. Y., and E. P. Lasure, Grove City, assignors to The Ohio State University Research Foundation, Columbus, Ohio. Preparation of new carbohydrate compounds and products thereof. 2,671,780, Mar. 9.
- Gaver, Kenneth M., Columbus, Ohio, D. V. Tieszen, Delmar, N. Y., and E. P. Lasure, Grove City, assignors to The Ohio State University Research Foundation, Columbus, Ohio. Preparation of new carbohydrate compounds. 2,671,781, Mar. 9.
- Gaver, Morris J., Hagerstown, assignor of one-half to H. J. Lebhers, Jr., Rocklawn, Md. Device for reversing resilient inflations used with milking machines. 2,672,063, Mar. 16.
- Gavin, Elizabeth J.: See—
Pabst, Arthur C., Holzinger, and Gavin. 2,695,277.
- Gavrilla, Jon R., Rittman, and E. Pirman, Wadsworth, Ohio. Disposable safety razor. 2,671,265, Mar. 9.
- Gay-Bell Corporation, assignee: See—
Gay, Jacob D., Jr.
- Gay, Fred G., Jr., and S. J. Ragaisis, assignors to Bausch & Lomb Optical Company. 2,677,824, Cl. 2—14.
- Gay, Fred G., Jr., and R. F. E. Stegeman, to Bausch & Lomb Optical Co. 2,688,395, Cl. 206—5.
- Gay, Fred M. 2,673,985, Cl. 4—252.
- Gay, Godwin R. F., and C. D. Haneline. 2,690,626, Cl. 46—45.
- Gay, Jacob D., Jr., Pine Grove, assignor to Gay-Bell Corporation, Paris, Ky. Comb wiper for seed strippers. 2,672,004, Mar. 16.
- Gay, Peter F., to Imperial Chemical Industries Ltd. 2,682,903, Cl. 150—3.
- Gay, William H., and P. A. Engstrom, assignors to Gray Marine Motor Company, Detroit, Mich. Control mechanism for transmissions. 2,670,714, Mar. 2.

- Gaydasch, Alexander, and W. K. T. Gleim, to Universal Oil Products Co. 2,681,371, Cl. 260—624.
- Gayle, Aubrey A., and H. J. Kelly. 2,690,354, Cl. 298—17.
- Gayle, Thomas G.: *See—*
- Kynard, Edward D. 2,691,976.
- Gayler, Cecil W., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for producing filaments of uneven denier. 2,671,929, Mar. 16.
- Gayler, Cecil W., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Molding compositions. 2,672,456, Mar. 16.
- Gayler, Cecil W., to American Viscose Corp. 2,692,405, Cl. 18—8.
- Gayley, Charles T.: *See—*
- Wooding, Walter H., and Gayley. 2,686,134.
- Gaylor, Peter J., assignee: *See—*
- Givens, Melvin.
- Gaylord Container Corp.: *See—*
- Claus, Paul E., Nye, and Rendall. 2,690,289.
- Erskine, Frank G., and Wasyluka. 2,690,287.
- George, Walter C.
- Gibbons, Clyde F. 2,675,955.
- Mai, George W. 2,680,558.
- Rendall, Warren C.
- Rendall, Warren C. 2,695,128.
- Rother, Richard J., and McManus.
- Strauss, Herman H. 2,692,747.
- Gaylord, James K., and L. E. Thatcher, to Gaylord Products, Inc. 2,698,364, Cl. 200—80.
- Gaylord, James K., and L. E. Thatcher, to Gaylord Products, Inc. 2,698,365, Cl. 200—80.
- Gaylord, James M.: *See—*
- Blom, Carl J., and Gaylord. 2,687,695.
- Gaylord Products, Inc.: *See—*
- Gaylord, James K., and Thatcher. 2,698,364.
- Gaylord, James K., and Thatcher. 2,698,365.
- Thatcher, Lewis E. 2,678,977.
- Gaynor, Edwin G., Fairfield, Conn. Switch. 2,671,138, Mar. 2.
- Gaynor, Emanuel A., assignor to Chesapeake Shoe Mfg. Co. 2,675,633, Cl. 36—43.
- Gaz de France (G. D. F.) Service National: *See—*
- De la Pomélie, Melchior M. F. J. 2,696,606.
- Gazda, Antoine, Providence, R. I. Self-winding timepiece. 2,667,737, Feb. 2.
- Gazley, Richard C., to The Cleveland Pneumatic Tool Co. 2,683,598, Cl. 267—64.
- Gear Grinding Co. Ltd., The: *See—*
- Orcutt, Arthur H. 2,690,082.
- Gear Grinding Machine Company, The, assignee: *See—*
- Brady, Samuel G.
- Gearhart, William M., assignor to Eastman Kodak Company. 2,675,327, Cl. 106—176.
- Gebauer, Werner, and W. A. Merck, to United States Rubber Co. 2,688,153, Cl. 18—12.
- Gebele, Kurt, to H. and F. W. Deckel. 2,697,391, Cl. 95—11.5.
- Gebert, William H.: *See—*
- Ryer, August L., and Gebert.
- Gebhardt, Erich, Ludwigsburg, and G. Schrag, Goppingen, assignors to Meinelke Metallurgie G. m. b. H., Hannover, Germany. Diffusion-substitution coating of metal articles from a tin salt melt. 2,667,433, Jan. 26.
- Gebhardt, Hermann: *See—*
- Schoff, Walter, Melchert, Gebhardt, and Hoer. 2,677,942.
- Gebhardt, Neil H., Erie, Pa. Antiarch intake. 2,673,127, Mar. 23.
- Gebhart, Arthur I., and I. J. Krems, to Colgate-Palmolive Co. 2,692,235, Cl. 252—137.
- Gebr. Staubli & Co.: *See—*
- Rüttli, Theophil. 2,690,770.
- Gebr. Storek & Co.'s Apparatenfabrik N. V., assignee: *See—*
- Wagter, Hendrik.
- Gebrüder Bühler, assignee: *See—*
- Tanner, Fritz.
- Gebrüder Junghans A. G.: *See—*
- Junghans, Helmut, Schlenker, and Bäuerle. 2,695,342.
- Schlenker, Hans. 2,675,667.
- Geemen, Arthur C. 2,676,624, Cl. 143—43.
- Geddes, Walter H.: *See—*
- Hoffman, Allan C., Geddes, and Olcott. 2,695,679.
- Gedris, Stanley J. 2,680,270, Cl. 22—20.
- Geed, Inc.: *See—*
- Schicks, George C., and Klein. 2,688,553.
- Geel, John J., to F. E. Shreve. 2,692,163, Cl. 299—47.
- Geer, Charles W. 2,691,162, Cl. 343—6.5.
- Geeraert Corporation, The, assignee: *See—*
- Geeraert, Leon J.
- Geeraert, Leon J., Brooklyn, assignor to The Geeraert Corporation, New York, N. Y. Nonrotary gel fuel homogenizer. 2,669,437, Feb. 16.
- Geerpres Winger, Inc., assignee: *See—*
- Bard, Elmer H.
- Geerts, Marcellus J.: *See—*
- Ayers, George W., Geerts, and Chandler.
- Geese, Charles F., to Time, Inc. 2,684,939, Cl. 204—224.
- Geese, Charles F., and D. B. Lytle, assignors, by mesne assignments, to Printing Developments, Inc. 2,678,299, Cl. 204—17.
- Geeven, Gomarus M. A. C.: *See—*
- Van de Poll, Abraham N. J., Geeven, Ernst, and Slui. Geffcken, Walter, and G. Rehs, assignors to Jenaer Glaswerk Schott & Gen. 2,678,281, Cl. 106—53.
- Gedroy, Georges, and P. Vanet, to La Cellophane. 2,688,829, Cl. 53—83.
- Gehauf, Bernard: *See—*
- Falkof, Melvin M., Witten, and Gehauf. 2,678,260.
- Gehauf, Bernard, and M. M. Falkof, to the United States of America as represented by the Secretary of War. 2,689,831, Cl. 252—408.
- Géhin, Jean: *See—*
- Coyne, André, Géhin, and Bellier.
- Gehman, Samuel D., and C. S. Wilkinson, Jr., to The Good-year Tire & Rubber Co. 2,682,082, Cl. 18—53.
- Gehrlich & Gehrlich, Inc.: *See—*
- Gehrlich, Herman G. 2,694,018.
- Gehrlich, Herman G., to Gehrlich & Gehrlich, Inc. 2,694,018, Cl. 117—97.
- Gehr, Richard A., Glenville, N. Y., and E. S. Freshwater, Detroit, Mich., assignors to General Electric Company. Quenching device. 2,664,901, Jan. 5.
- Gehres, Hewitt A., to Cooper-Bessemer Corp. 2,690,868, Cl. 230—21.
- Gehrie, Charles S., Mendham, N. J. Self sealing tank to contain gas under pressure. 2,664,727, Jan. 5.
- Gehrie, Charles S. 2,677,948, Cl. 67—7.1.
- Gehring, Harvey T., to The Sherwin-Williams Co. 2,683,699, Cl. 260—29.7.
- Gehring, Harvey T., to The Sherwin-Williams Co. 2,683,700, Cl. 260—29.7.
- Gehrke, Forrest E., assignor to Sylvania Electric Products Inc. 2,680,208, Cl. 313—293.
- Gehrke, Forrest E., and W. T. Granger, assignors to Sylvania Electric Products Inc. 2,677,782, Cl. 313—340.
- Gehrman, Duane C. 2,693,879, Cl. 209—219.
- Gehrman, Frederick H.: *See—*
- Oehel, Willy G., Beyeremann, and Gehrman. 2,676,752.
- Geiger, Eugene J.: *See—*
- Geiger, Josef, and E. J. 2,679,795.
- Geiger, Harold L.: *See—*
- Richey, Clarence B., and Geiger. 2,673,997.
- Geiger, John: *See—*
- Goldman, David, and Geiger. 2,675,617.
- Geiger, Josef, and E. J. 2,679,795, Cl. 98—29.
- Geiger, Max, and E. Usterl, and C. Graenacher, to Ciba Ltd. 2,693,494, Cl. 260—651.
- Geiger, Russell C.: *See—*
- Meeker, David A., and Geiger. 2,681,658.
- Geiger, Willard L., assignor to Tronics, Inc. 2,675,507, Cl. 317—151.
- Geigy, J. R., A. G.: *See—*
- Bossard, Werner.
- Bosshard, Hans. 2,692,262.
- Girod, Emil. 2,683,147.
- Girod, Emil, and Häfner. 2,683,167.
- Gysin, Hans. 2,679,508.
- Gysin, Hans, Margot, and Simon. 2,681,879.
- Gysin, Hans, Margot, and Simon. 2,681,914.
- Gysin, Hans, Margot, and Simon. 2,681,915.
- Gysin, Hans, Margot, and Simon. 2,681,916.
- Gysin, Hans, Margot, and Simon. 2,694,712.
- Haeffiger, Franz. 2,674,600.
- Häffiger, Franz, and Schindler. 2,674,596.
- Häffiger, Franz, and Schindler. 2,674,596.
- Hausermann, Heinrich. 2,694,064.
- Keller, Ernest, and Zwidler. 2,684,966.
- Stoll, Willy, and Morel. 2,686,816.
- Geigy, J. R., S. A.: *See—*
- Keller, Ernst. 2,694,636.
- Geiler, Frederick C., to The Monarch Marking System Co. 2,696,784, Cl. 101—292.
- Geipel, Harvey. 2,691,821, Cl. 30—6.1.
- Geipel, Helen A., administratrix: *See—*
- Geipel, Louis O. 2,686,975.
- Geipel, Louis O., deceased (by H. A. Geipel, administratrix). 2,686,975, Cl. 33—178.
- Geiselman, Ralph A., and G. C. Biggs, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Arc furnace control system. 2,669,673, Feb. 16.
- Geiser, Charlie E. 2,675,995, Cl. 255—11.
- Geiser, Kenneth R., to General Electric Co. 2,692,369, Cl. 324—97.
- Geiser, Nikolaus: *See—*
- Tramm, Heinrich, Geiser, Kolling, and Puschhof. 2,683,688.
- Geisinger, Abraham S. 2,697,223, Cl. 2—52.
- Geisler, William, assignor to Wilbro Corporation. 2,676,745, Cl. 229—16.
- Geisler, William, assignor to Economic Machinery Company. 2,678,151, Cl. 226—14.
- Geisler, William. 2,691,258, Cl. 53—7.
- Geisler, William, to Economic Machinery Co. 2,693,671, Cl. 53—41.
- Geissman, Gladys W., New York, N. Y. Baby's garment. 2,671,220, Mar. 9.
- Geissman, Theodore A., Los Angeles, Calif. Preparation of dimethoxyresorcinol. 2,668,861, Feb. 9.
- Geister, Carl H., and J. M. Collins, to E. I. du Pont de Nemours & Co. 2,686,764, Cl. 260—8.
- Gelardin, Albert. 2,694,772, Cl. 240—6.4.
- Gelardin, Albert. 2,696,382, Cl. 272—8.

- Geldhof, Peter E., and H. E. Morrison, assignors to Whirlpool Corporation. 2,678,814, Cl. 263—33.
- Gelineau, George L.: *See*—
- Hiatt, Forrest H., Holladay, and Gelineau. 2,684,578.
- Hiatt, Forrest H., Holladay, and Gelineau. 2,684,579.
- Gellenbeck, John W., of $\frac{1}{4}$ to J. Cameron. 2,683,950, Cl. 43—56.
- Geller, Samuel. 2,680,663, Cl. 312—83.
- Gellert, Hans G.: *See*—
- Ziegler, Karl, and Gellert. 2,695,327.
- Gellings, Bernard J. 2,674,823, Cl. 43—42,39.
- Gellman, Abraham, New York, N. Y. Pleat forming device. 2,669,955, Feb. 23.
- Gellman Mfg. Co.: *See*—
- Hansen, Warren. 2,691,951.
- Gelzheiser, Francis L.: *See*—
- Dorfman, Miller D., and Gelzheiser. 2,693,586.
- Gelzheiser, Francis L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,669,627, Feb. 16.
- Gem Crib and Cradle Co.: *See*—
- Hendricks, James W., and Royce. 2,686,042.
- Gemeinhardt, William. 2,689,742, Cl. 280—5,32.
- Gemex Company, assignee: *See*—
- Kuehn, Herman.
- Genas, Michailas: *See*—
- Gregory, Paul, and Genas. 2,687,948.
- Genas, Michailas, assignor to Society Organico. 2,674,607, Cl. 260—404.
- Gendernalik, Frank L.: *See*—
- Callahan, William A., and Gendernalik. 2,674,552.
- Genders, Reginald. 2,675,125, Cl. 207—9.
- Gendler, Louis, New York, and M. Lazar, Jamaica, assignors to American Bagel Machine Co., Inc., New York, N. Y. Automatic machine for forming bagle-dough rings. 2,666,398, Jan. 19.
- Gendron, Pierre M., to Societe a Responsabilite Limitee dite Mecanique Navale Gendron. 2,694,470, Cl. 188—151.
- General American Transportation Corp.: *See*—
- Crehan, William J. 2,690,402.
- Gutzeit, Gregoire. 2,694,019.
- Gutzeit, Gregoire. 2,697,651.
- Gutzeit, Gregoire, Crehan, and Krieg. 2,690,401.
- Gutzeit, Gregoire, Crehan, and Krieg. 2,690,403.
- Hansen, George L. 2,681,715.
- Lovisek, Louis J. 2,676,344.
- Reschan, Raymond R., and Krieg. 2,694,017.
- Talme, Paul, and Matolin. 2,695,196.
- General Aniline & Film Corp.: *See*—
- Albus, Charles P., and Field. 2,689,799.
- Anspen, Harry D.
- Anspen, Harry D. 2,683,179.
- Anspen, Harry D. 2,683,704.
- Anspen, Harry D. 2,694,726.
- Anspen, Harry D., and Pschorr. 2,683,705.
- Anspen, Harry D., and Pschorr. 2,684,341.
- Anspen, Harry D., and Pschorr. 2,686,174.
- Anspen, Harry D., and Pschorr. 2,687,555.
- Armento, William H. 2,676,957.
- Bates, James E., and Hainsworth.
- Beller, Hans.
- Beller, Hans, and Schnetzler. 2,674,528.
- Botkin, Carl, and Sulich. 2,694,010.
- Brouillard, Robert E.
- Chiddix, Max E., and Williams. 2,684,386.
- Cofrancesco, Anthony J. 2,692,880.
- Copenhaver, John W.
- Copenhaver, John W. 2,677,707.
- Copenhaver, John W., and Sargent.
- Copes, Joseph P., Fuller, and McKinley.
- Copes, Joseph P., and McKinley. 2,686,817.
- Craig, Louis E. 2,693,471.
- Cross, James M., and Chiddix. 2,694,727.
- Cross, James M., and Mayhew. 2,692,837.
- Cross, James M., and Mayhew. 2,693,430.
- Davidson, Hugh R.
- Davidson, Hugh R., and Lambert. 2,682,801.
- Dearstyne, John T. 2,685,237.
- Drautz, Walter G. 2,684,908.
- Drautz, Walter G. 2,691,595.
- Fahnoe, Frederick.
- Fahnoe, Frederick. 2,698,022.
- Frantz, Frederick H. 2,696,771.
- Freyermuth, Harlan B., Libby, and Williams. 2,676,982.
- Friedman, Joseph S. 2,689,180.
- Genta, Guido R. 2,692,885.
- Glickman, Samuel A. 2,684,976.
- Glickman, Samuel A., and Wilkinson. 2,686,805.
- Gross, Siegfried T. 2,683,220.
- Grosser, Frederick. 2,694,697.
- Grosser, Frederick. 2,694,698.
- Heimbach, Newton, and Morrell. 2,688,539.
- Hoch, Paul E. 2,693,492.
- Hoch, Paul E., Pedlow, and Sundberg. 2,696,498.
- Hoeffe, Milton L., and Wynn. 2,674,604.
- Kleiger, Sarah C., and Hugos.
- Kleinschmidt, Roger F. 2,693,489.
- Marnon, Donald E. 2,678,256.
- Marnon, Donald E. 2,685,494.
- Marschall, Franz. 2,687,431.
- Mautner, Henry R. 2,693,994.
- General Aniline & Film Corp.: *See*—Continued.
- Mautner, Henry R. 2,695,832.
- Mueller, Fritz W. H.
- Nawlasky, Paul.
- Nawlasky, Paul, and Genta. 2,677,693.
- Ney, William O., Jr. 2,680,764.
- Randall, David I., and Martin.
- Randall, David I., and Martin. 2,691,022.
- Randall, David I., and Renfrew. 2,677,694.
- Richter, Ludwig.
- Rottschaefer, Bernard W., and Simon. 2,676,963.
- Sargent, Donald E.
- Sargent, Donald E., and Bailar.
- Schmidt-Nickels, Wilhelm. 2,683,717.
- Schulze, Chris C., and Orenyo.
- Shelanski, Hermann A., and Cantor. 2,675,341.
- Slifkin, Sam C.
- Solonen, Nicholas W., and Randall.
- Sprung, Joseph A. 2,687,957.
- Stanley, Lester N., and Baggenstoss. 2,682,559.
- Stevens, Philip G. 2,680,743.
- Stratton, Charles H., and Williams.
- Sundberg, Robert L., and Chiddix. 2,678,935.
- Sweet, Monroe H. 2,680,990.
- Trump, Frederick O. 2,690,106.
- Tulagin, Vsevolod. 2,687,353.
- Tulagin, Vsevolod. 2,695,233.
- Von Glahn, William H., and Stanley. 2,688,543.
- Von Glahn, William H., and Stratton. 2,694,072.
- Wilkinson, Joseph M., and Miller. 2,695,920.
- Wilkinson, Joseph M., Jr., and Barker.
- Williams, William W., and Freyermuth. 2,680,747.
- Williams, William W., Libby, and Freyermuth. 2,691,653.
- Williams, William W., and Strobel.
- Williams, William W., Wallace, and Freyermuth.
- Wynn, Robert W., and Hoch. 2,686,812.
- Wynn, Robert W., and Hoch. 2,694,729.
- General Binding Corp.: *See*—
- Emmer, Charles E. 2,676,360.
- Zaleski, Mitchell. 2,686,932.
- General Bronze Corp.: *See*—
- Hauck, Theodore. 2,685,110.
- Peremi, Edmund. 2,678,478.
- General Cable Corporation, assignee: *See*—
- Atkinson, Ralph W., and Garner. 2,678,863.
- Atkinson, Ralph W., and McGrath.
- General Candy Corporation, assignee: *See*—
- Petrilli, Santy C. 2,679,820.
- General Clarifier Corp. of America: *See*—
- Thomas, Harland, and Ash. 2,690,264.
- General Closure Corp., assignee: *See*—
- Rathsprecher, David. 2,676,845.
- General Communication Co.: *See*—
- Charles, Randolph E. 2,697,767.
- General Controls Co.: *See*—
- Biggle, Laurence C. 2,674,255.
- Biggle, Laurence C. 2,677,004.
- Biggle, Laurence C. 2,677,712.
- Brown, Ralph, and Wallace. 2,697,155.
- Cairns, Fred E., Jr. 2,684,115.
- Grayson, John H. 2,693,200.
- Kelleigh, Waldo J. 2,690,246.
- Kelleigh, Waldo J. 2,698,370.
- Matteson, Harold J.
- Ray, William A.
- Ray, William A. 2,675,416.
- Ray, William A. 2,677,711.
- Ray, William A. 2,678,092.
- Ray, William A. 2,679,855.
- Ray, William A. 2,691,705.
- Ray, William A. 2,697,581.
- Ray, William A., and Buescher. 2,683,789.
- General Dry Batteries, Inc., assignee: *See*—
- MacFarland, Allison M. 2,677,716.
- General Dyestuff Corp.: *See*—
- Luttringhaus, Hans. 2,681,845.
- Luttringhaus, Hans, and Arcus.
- General Electric Co.: *See*—
- Agens, Maynard C. 2,682,507.
- Ahmell, Karl J.
- Alford, Joseph S. 2,694,289.
- Anderson, James T., and Ward. 2,676,894.
- Anderson, James T., and Wells. 2,697,076.
- Anderson, Roy E. 2,674,915.
- Andrew, William P. 2,678,371.
- Atchison, Leonard W.
- Auyer, Earl L. 2,685,429.
- Bain, James, Jr. 2,679,660.
- Ballard, Robert G.
- Ballard, Robert G. 2,681,977.
- Barnes, Norman F.
- Barnes, Norman F. 2,679,013.
- Barr, James R.
- Barr, James R. 2,686,300.
- Beatty, John W. 2,691,085.
- Beatty, John W., and Schneider.
- Rechard, Conrad E., and Schoenoff. 2,696,880.
- Beck, Charles E. 2,683,865.
- Becker, Howard I. 2,681,571.
- Beggs, James E. 2,680,824.
- Benander, George B.
- Benander, George B. 2,689,945.

General Electric Co.: See—Continued.

Benander, George B. 2,695,392.
 Benoit, Eugene W., and Gerry. 2,680,637.
 Bergquist, Carl H. 2,686,065.
 Berry, Theodore M. 2,679,620.
 Berry, Theodore M., and Fawkes. 2,675,471.
 Binder, August E., Jr. 2,692,209.
 Black, Rodney A. 2,678,418.
 Bondley, Ralph J.
 Bowers, Benjamin N. 2,684,993.
 Boyajian, Aram.
 Boyles, Glenn H. 2,684,773.
 Broverman, Michael. 2,695,401.
 Burkhard, Charles A. 2,689,859.
 Burt, Wesley S.
 Burton, Lester W., and Jackson.
 Camilli, Guglielmo. 2,682,173.
 Campbell, John H. 2,680,211.
 Campbell, John H., and Kershaw. 2,677,075.
 Carbary, Richard J.
 Carson, Paul A. 2,692,374.
 Carson, Paul A. 2,692,375.
 Carter, Howard F. 2,679,015.
 Casey, Robert T.
 Casey, Robert T. 2,688,675.
 Cass, William E. 2,683,131.
 Cass, William E. 2,691,007.
 Cawl, Allen P. 2,674,405.
 Chapin, William T.
 Clark, David L. 2,683,363.
 Clark, Edward B.
 Clark, Frank M. 2,679,027.
 Clark, Kendall. 2,695,460.
 Clark, William C.
 Coggeshall, Thellwell R., and Westervelt. 2,696,536.
 Cohen, Robert, Storm, and Ker. 2,682,632.
 Cole, Quintin P., and Caprino. 2,698,333.
 Cook, Arnold G.
 Cooper, Anthony D., Nelson, and Willoughby.
 Cordingly, Norman C. 2,679,608.
 Courtillot, Emmanuel P.
 Coutant, Edward R.
 Cowles, Logan B. 2,697,445.
 Crandall, Eugene L. 2,679,677.
 Crandall, Eugene L., and Sheals. 2,690,984.
 Cruickshank, Ira G. 2,695,055.
 Cunningham, Eldon R., and Wightman. 2,683,823.
 Curtis, Truman P. 2,683,863.
 Cusano, Dominic A., and Studer. 2,675,331.
 Cusano, Dominic A., and Studer. 2,685,530.
 Dazley, Frederick C. 2,689,909.
 De Carli, Earl V. 2,693,690.
 Dell, Paul A.
 Denham, Robert H. 2,679,823.
 Dewey, Clyde G.
 Dickinson, Daniel S. 2,695,627.
 Dills, Raymond L.
 Dilts, Lee E.
 Dodson, Wayne E.
 Dole, Marshall H. 2,696,593.
 Dome, Robert B. 2,686,831.
 Douglas, Ronald W. 2,697,125.
 Downes, Lloyd C., and Baker.
 Doyle, Charles D. 2,691,004.
 Doyle, Malcolm G. 2,680,813.
 Driver, Cyril W.
 Dunlap, William C., Jr.
 Fagley, Gilbert H., and Birchard. 2,682,176.
 Edwards, Robert A.
 Edwards, Russell N., Goodale, and Lichtenstein. 2,683,804.
 Eggenberger, Markus A. 2,681,044.
 Eichelberger, Charles D. 2,682,384.
 Erickson, Clifford E. 2,686,373.
 Ericson, Eric A. 2,679,565.
 Ericson, Eric A. 2,692,929.
 Erzer, John K. 2,678,488.
 Evans, Charles E. 2,697,017.
 Ewer, Philip A.
 Favre, John A.
 Favre, John A. 2,674,345.
 Feiertag, Karl M. 2,685,658.
 Ferguson, James T.
 Fiene, Marcus E.
 Finholt, Robert W. 2,697,055.
 Finlayson, Frank E., Herman, and Swenson. 2,681,521.
 Fitzgerald, Albert J.
 Fitzgerald, Albert J. 2,682,326.
 Flaws, John, Jr.
 Flaws, John, Jr., and Anthony. 2,683,473.
 Flaws, John, Jr., and Anthony. 2,696,849.
 Fleming, Karl J.
 Fleming, Karl J. 2,687,079.
 Flurschheim, Cedric H., Sillars, and Saulez. 2,675,505.
 Foley, Robert T., and McCarty. 2,680,174.
 Forker, Gordon M.
 Forsling, Bengt E. G. 2,677,932.
 Francis, Victor J.
 Frisch, Kurt C., and Goodwin. 2,678,938.
 Frisch, Kurt C., and Lyons.
 Frisch, Kurt C., and Young.
 Fulton, John W., and Kuebler. 2,694,433.
 Fulton, John W., and Loft. 2,697,025.

General Electric Co.: See—Continued.

Gabrielson, Samuel I., and McNairy. 2,681,071.
 Gamarekian, Sooren E. 2,682,167.
 Gardner, George F., and Rich.
 Gehr, Richard A., and Freshwater.
 Geiser, Kenneth R. 2,692,369.
 Getchell, Benjamin E. 2,692,931.
 Gethmann, Richard B. 2,681,421.
 Gibson, Van R., Jr. 2,682,002.
 Gleason, Wayne E., and Creamer. 2,675,987.
 Goldthorpe, Harold H.
 Golbersuch, Edward W. 2,698,232.
 Goss, James H., Mendelsohn, and Bakke.
 Goss, James H., Mendelsohn, and Bakke. 2,683,921.
 Gould, Herbert R. 2,680,219.
 Graham, Douglas H., and Tabberer. 2,689,707.
 Graham, Glenn D. 2,686,372.
 Greenhalgh, Milton S.
 Greenhalgh, Milton S., and Martens. 2,674,546.
 Griffiths, Leonard.
 Grimshaw, Charles S.
 Grimshaw, Charles S. 2,677,242.
 Grimshaw, Charles S. 2,688,113.
 Grimshaw, Charles S., and Riddle. 2,679,144.
 Grobel, Lloyd P. 2,675,493.
 Gruen, Wolf J.
 Grumblatt, Victor J.
 Gurewitsch, Anatole M.
 Gurewitsch, Anatole M., and Dunlap. 2,693,022.
 Gustavson, David W. 2,679,359.
 Hager, James A. 2,683,837.
 Hall, Robert N. 2,689,930.
 Hammell, Kemper M.
 Hammerly, Herman J.
 Hammerly, Herman J., and Turton. 2,696,533.
 Haviland, Robert P. 2,687,168.
 Heerdt, Donald E. 2,695,947.
 Hellar, Martin W., Jr. 2,679,629.
 Hemphill, Lawrence F., and Sheets. 2,682,005.
 Henderson, Wayne L.
 Henry, George E. 2,694,307.
 Herman, Clairmont J., and Hodges. 2,694,650.
 Hermanson, Herman E., and Lamb
 Hiehle, Michael E. 2,688,699.
 Hilliker, Donald E., and Balegh. 2,688,855.
 Hills, William B., and Sinclair. 2,676,297.
 Hobbs, George W. 2,697,549.
 Hobbs, George W., and Jordan. 2,692,727.
 Holland, Charles R. 2,679,586.
 Hollister, Edwin S. 2,696,018.
 Horn, Fordyce H., and Neubauer. 2,686,212.
 Hubbard, Albert B.
 Hurford, Winslow L.
 Hurford, Winslow L. 2,679,554.
 Hutt, Philip. 2,686,297.
 Ihrke, Mervin C. 2,687,078.
 Illian, Douglas F.
 Jacobson, Woodrow R. 2,678,725.
 Janos, Alfred G.
 Janos, Alfred G., and Horvay.
 Jenny, Alfred L. 2,682,593.
 Jernakoff, George. 2,698,389.
 Jewell, William R.
 Jewett, Millard H.
 Johansson, August V., and Means. 2,697,199.
 Johnson, Frithiof V. 2,697,354.
 Johnson, Ramond J. 2,676,491.
 Jones, Shannon. 2,686,157.
 Jones, Shannon. 2,686,158.
 Kaduk, Edward E.
 Kane, Garold A. 2,679,138.
 Kaufman, Richard B. 2,694,102.
 Kennedy, Daniel W. 2,684,177.
 Kennedy, Daniel W., and Weigand. 2,679,491.
 Kenty, Carl.
 Kessler, Theodore P.
 Kewley, Norman E. 2,679,714.
 Kewley, Norman E., and Lohrey. 2,694,792.
 Kilbourne, Charles E. 2,695,368.
 King, Ralph E., and Bixler.
 Kizaur, Arthur J. 2,696,634.
 Knight, James L. 2,674,249.
 Kolhoff, Marvin J. 2,683,817.
 Kron, Gabriel. 2,692,967.
 Kubler, Ernest F.
 Kuebler, Robert A. 2,679,821.
 Kuebler, Robert A. 2,679,822.
 Kuebler, Robert A. 2,680,236.
 Kurtz, Lowell M. 2,686,404.
 Lang, Henry T. Re. 23,852.
 Lasak, Frank J. 2,697,058.
 Lautenberger, Elmer W. 2,697,184.
 Lawson, Gustaf R. 2,691,143.
 Lemmers, Eugene.
 Lemmers, Eugene. 2,683,836.
 Lemmers, Eugene. 2,689,315.
 Lemmers, Eugene. 2,694,786.
 Lemmers, Eugene. 2,694,787.
 Lennox, Thomas C. 2,677,810.
 Lennox, Thomas C. 2,680,164.
 Lester, William N., and Hebbel.
 Lichtenfels, Ira W.
 Lingel, Fred J.
 Lingel, Fred J. 2,684,457.

General Electric Co.: See—Continued.

Loft, Arne. 2,681,694.
 Loft, Arne. 2,687,173.
 Lord, Harold W. 2,693,508.
 Lord, Harold W. 2,697,825.
 Low, Frank D.
 Lynch, Edward E.
 Lynch, Edward E. 2,683,234.
 Macoicz, Edward L. 2,681,973.
 Malutich, Harry S. 2,688,794.
 Marquis, Arthur. 2,696,159.
 Martin, Robert W.
 Martt, Ernest C. 2,677,068.
 Martt, Ernest C. 2,685,916.
 Marvin, Harry B. 2,695,363.
 Mathews, Wilbur R. 2,686,896.
 Maxwell, Donald E.
 McArthur, Elmer D.
 McDonald, Gordon R. 2,679,625.
 McKinsey, Clarence E., and Radon. 2,679,962.
 McWethy, Irvin E. 2,690,825.
 Michaelis, Harold A., and Corff. 2,696,162.
 Miller, Homer H.
 Miller, Nicholas. 2,691,084.
 Milne, James M., and Were. 2,691,086.
 Miner, Ernest F., and Davis. 2,684,492.
 Moore, Fred W. 2,677,755.
 Moore, Nathaniel S., Jr. 2,692,370.
 Morey, Arthur H. 2,689,536.
 Morey, Robert L. 2,679,734.
 Morgan, Claude R., and Miner. 2,677,296.
 Morgan, Raymond E. 2,675,518.
 Nakata, Roy, and Smith. 2,694,120.
 Nichols, John B., and Wayman. 2,692,800.
 Nicklas, Donald L. 2,682,280.
 Nicodemus, Paul O. 2,674,648.
 Noel, Edward B., and Dell.
 Nolte, Henry J.
 Norgaard, Donald E. 2,685,660.
 Oakley, Sterling A. 2,677,172.
 Ordas, Arthur F. 2,691,113.
 Ostrognal, Allen G. 2,674,407.
 Page, Robert G.
 Paluev, Konstantin K. 2,685,677.
 Parkinson, Leland J., and Snyder. 2,690,488.
 Parry, Ralph E. 2,677,144.
 Parsons, James R. 2,679,295.
 Patterson, Le Roy R., Jr.
 Paul, William E.
 Paulsen, Paul L., and Emmons. 2,681,520.
 Pearson, Donald L. 2,691,825.
 Pfeiffer, Charles W.
 Pfuntner, Richard A.
 Pistey, John M. 2,695,388.
 Powers, James H. 2,697,558.
 Prince, David C. 2,677,430.
 Quirk, Douglas W. 2,678,990.
 Ramo, Simon. 2,683,251.
 Rawles, William T.
 Reed, Robert I.
 Reitz, Clifford L., Lipski, and Young.
 Reynolds, Kenneth W. 2,683,521.
 Rich, Harold. 2,685,675.
 Rich, Harold, and Flynn. 2,685,674.
 Rich, Theodore A.
 Rich, Theodore A. 2,677,279.
 Roberts, John A.
 Robinson, John H., and Paulsen. 2,688,471.
 Rocha, Henrique A. F. 2,683,821.
 Rodda, Sidney. 2,685,531.
 Rood, Robert M., and Keser.
 Rooksby, Harold P. 2,686,274.
 Rowe, Raymond N.
 Rowe, Raymond N., and Ericson.
 Rusch, Ernest H. 2,674,681.
 Russell, Arthur P., and Hollopetre. 2,676,437.
 St. Louis, James A., and Pomfrett.
 Sampson, Ernest S. 2,683,852.
 Samsel, Richard W. 2,683,866.
 Savage, Richard M.
 Schevtchuk, Andrew. 2,686,906.
 Schlosser, Russell K., Jr.
 Schmidt, August, Jr. 2,677,092.
 Schmidt, August, Jr., Titus, and Willis. 2,697,198.
 Schneider, Harold N., and Anderson. 2,680,793.
 Schroeder, George W. 2,686,250.
 Schroeder, George W. 2,689,005.
 Schroeder, George W. 2,692,946.
 Schultz, Jack L. 2,676,256.
 Schwieg, Frederic P. 2,680,222.
 Schwieg, Frederic P., Jr. 2,674,705.
 Sebens, Carl R. 2,680,409.
 Sharp, John C., and McCarty. 2,687,633.
 Shelton, Winston L. 2,687,216.
 Sheppard, Raymond, and Ipsen.
 Shores, Ronald B.
 Sidebottom, Joseph K. 2,684,456.
 Simmons, James D., Liversidge, and Wrathall.
 Simmons, Russell T. 2,678,775.
 Smith, Eugene M. 2,683,818.
 Smith, Sidney R., Jr. 2,677,718.
 Smith, Sidney R., Jr. 2,694,123.
 Spengler, Harold H. 2,694,272.

General Electric Co.: See—Continued.

Spiegelhalter, William G.
 Spiegelhalter, William G. 2,677,247.
 Staak, Julius H. 2,683,826.
 Staak, Julius H. 2,683,828.
 Staak, Julius H. 2,683,830.
 Starkey, Neal E. 2,687,273.
 Stauffer, Lynn H.
 Stephens, Robert M. 2,680,188.
 Stoddard, Edgar S.
 Stoddard, Edgar S. 2,678,051.
 Stone, Melvin L. 2,677,118.
 Stratton, Jerry L. 2,696,587.
 Strnad, Emanuel, and Hatcher. 2,696,909
 Strobel, Rudolph W.
 Strobel, Rudolph W. 2,685,013.
 Studders, Robert J. 2,694,790.
 Suits, Chauncey G.
 Sullivan, Earle C. 2,694,770.
 Sullivan, Earle C. 2,694,999.
 Summerhayes, Harry R., Jr. 2,674,917.
 Sutton, Robert J., and Cromie. 2,691,147.
 Swartfiguer, Herbert C. 2,683,425.
 Sway, Henry C.
 Sway, Henry C. 2,677,383.
 Swisher, Thomas H.
 Taft, Ernest A.
 Taylor, Clement F., Briggs, and Weary.
 Taylor, William G. 2,674,190.
 Thorensen, Ragnar. 2,680,156.
 Travers, William R. 2,692,081.
 Treanor, Edward D. 2,698,429.
 Tuthill, Roger W., and Welch. 2,680,181.
 Vance, Harold P. 2,679,352.
 Vargo, Paul, and Foster. 2,676,022.
 Vargo, Paul, and Foster. 2,679,918.
 Vienneau, Jacob J. 2,689,396.
 Vitek, Edward F. 2,677,328.
 Von Hoorn, Fred G. 2,683,788.
 Vonnegut, Bernard. 2,684,008.
 Wainright, Joseph A. 2,683,874.
 Walker, Benjamin M.
 Walker, Cyril H., and Large. 2,694,788.
 Walker, Forrest A. 2,681,843.
 Walker, Forrest A. 2,681,844.
 Warrick, Thurlow J. 2,679,012.
 Webb, Arthur J. 2,685,861.
 Weber, Gay W., and Gerlitz. 2,683,850.
 Weeks, Walter R. 2,683,593.
 Wells, Kenneth J.
 Whelton, John J. 2,684,349.
 Widell, Berndt A., and Ogden. 2,679,624.
 Wigan, James W. 2,692,154.
 Wightman, Lawrance W. 2,689,529.
 Williams, Charles E. 2,694,785.
 Wilson, Volney C. 2,685,568.
 Winn, Oliver H.
 Woodson, Thomas T. 2,677,478.
 Wollpert, Daniel, and Lund. 2,695,688.
 Wotring, Gaylord H.
 Wright, Burton G. 2,677,792.
 Wyman, Howard A., Jr. 2,679,623.
 Yanchenko, Basil J. 2,683,205.
 Yoder, Joe B. 2,691,853.
 Young, Gerald W., and Hain.
 Young, James F. 2,693,098.
 Zimmer, John S. 2,689,105.
 Zunick, Michael J., and Goodrick.
 Zunick, Michael J., and Illingworth. 2,694,958.

General Electric Co. Ltd., The: See—
 Bayliss, Alan J., and Stenning. 2,689,950.
 Bradshaw, Stanley E. 2,690,383.
 Busby, Terence S., Manners, and Partridge. 2,675,323.
 Busby, Terence S., and Partridge. 2,675,324.
 Collyer, John E., and Fairbairn.
 Cormack, Alan.
 Dauncey, Leonard A. 2,692,456.
 Dauncey, Leonard A., and Timms. 2,697,308.
 Dovey, Douglas M., Chirnside, and Rooksby. 2,689,167.
 Dovey, Douglas M., and Pitkin. 2,689,168.
 Emms, Sydney A. G., and Palton. 2,695,376.
 Evans, John M. T.
 Harling, Denis W. 2,682,640.
 Levy, Maurice M. 2,683,191.
 Levy, Maurice M. 2,692,975.
 Levy, Maurice M. 2,695,359.
 Matthews, Arnold. 2,679,628.
 Pickering, Ian J. 2,676,231.
 Pickering, Ian J. 2,682,597.
 Sherwen, Joseph W. 2,681,419.
 Sowter, Anthony B.
 Sowter, Anthony B. 2,697,954.
 Stenning, Luis C. 2,692,916.
 Ward, Peter W. 2,685,646.
 Ward, Peter W., and Bowman.

General Engineering Company (Canada) Limited, The,
 assignee: See—
 Segsworth, Robert S.

General Felt Products Co., assignee: See—
 Horwich, Theodore.

- General Fireproofing Company, The, assignee: *See*—
Straubel, Clarence W.
Swimmer, Albert T.
- General Foods Corp.: *See*—
Campbell, Harold A., and Hollis. 2,696,156.
Campbell, Harold A., and Hollis. 2,696,157.
Finucane, Thomas P., and Mitchell.
Gager, Curtis H. 2,693,419.
Mackenzie, Kenneth G. 2,697,920.
Massmann, William F., Michael, and Vollink. 2,689,796.
Shuman, Albert C., and Staley. 2,696,158.
- General Fuse Co.: *See*—
Burt, Nelson O., and Jurgensen. 2,682,587.
- General Gas Light Company, assignee: *See*—
Humphrey, George A.
- General Hardware Mfg. Co. Inc., assignee: *See*—
Ehler, Herman W. 2,679,100.
- General Instrument Corp.: *See*—
Fisher, Berne N. 2,681,227.
Sickles, Royal F., and Walters. 2,692,355.
Smith, Wolcott M.
- General Metals Company, assignee: *See*—
Potter, Harley O., and Carrigan.
- General Mills, Inc.: *See*—
Andres, William A., Clemons, and Trettel. 2,682,601.
Aske, Leonard E. 2,691,124.
Bitzer, Jack A., and Woistmann. 2,694,210.
Borchardt, Lester F., and Felt. 2,678,154.
Callaghan, Robert W., and Dorger. 2,686,721.
Carpenter, Frank W.
Clemons, Clement W., and Zastrow.
Eilar, Kendrick R.
Eilar, Kendrick R. 2,693,490.
Eilar, Kendrick R. 2,695,905.
Erickson, John G. 2,694,707.
Erickson, John G. 2,694,708.
Fischer, Paul E. 2,696,245.
Fischer, Paul E., and Paulsen. 2,677,220.
Fischer, Paul E., Sturdevant, and Thomas. 2,681,722.
Fischer, Paul E., and Sturdevant. 2,690,865.
Huch, William F.
Huch, William F., and Hakomaki.
La Mere, Frank J., Johnson, and Winzen.
Nordean, Albert. 2,679,344.
Renfrew, Malcolm M. 2,676,158.
Renfrew, Malcolm M., and Warner. 2,690,456.
Roach, John R., and Nordgren. 2,676,172.
Van Guilder, Walter. 2,677,405.
Van Guilder, Walter. 2,677,947.
Van Guilder, Walter. 2,686,072.
Van Guilder, Walter. 2,691,181.
Wittcoff, Harold, and Renfrew. 2,695,908.
Zastrow, Thomas S., and Andres. 2,674,819.
Zastrow, Thomas S. 2,684,821.
Zastrow, Thomas S. 2,685,890.
- General Motors Corp.: *See*—
Abresch, Carel F.
Adams, William J. 2,674,815.
Adloff, Jakob A. 2,693,714.
Almen, John O.
Almen, John O. 2,682,936.
Almen, John O. 2,687,653.
Anderson, Arthur J. 2,688,780.
Arf, Herman R. 2,689,463.
Armington, Raymond Q., and Schindler. 2,692,584.
Armington, Stewart F. 2,680,611.
Arthur, James L. 2,693,082.
Bacon, Elbridge F.
Baker, Max P. 2,686,697.
Bales, Max G.
Bales, Max G. 2,678,365.
Barcus, Edward L.
Barcus, Edward L. 2,681,956.
Barcus, Edward L. 2,683,193.
Bates, Ralph I. 2,678,061.
Baugh, Everett L. 2,696,403.
Bayley, George R.
Bayley, George R. 2,696,774.
Bertsch, Joseph F., and Jackson. 2,692,661.
Betz, Glen R. 2,690,926.
Betz, Cloyd L. 2,675,865.
Bidwell, Joseph B. 2,675,701.
Bishop, Roland R., and Olley. 2,690,334.
Blomberg, Martin P. 2,685,262.
Blossey, Carl W. 2,697,165.
Brill, William E.
Brill, William E. 2,681,838.
Brill, William E. 2,688,316.
Brill, William E., Glasenapp, and Watt. 2,698,013.
Brittain, Richard J., Jr. 2,676,854.
Brittain, Richard J., Jr., and Kien.
Brooks, Frank W. 2,695,078.
Brown, William E. 2,686,852.
Brown, William E. 2,692,920.
Brundrett, George A. 2,695,079.
Brundrett, George A., and Funkhouser. 2,695,034.
Burge, James S., McKee, and Rider.
Burge, James S., Foust, Shaw, Rider, and McKee. 2,689,086.
Busch, Rudolph E., and Kurtzwarth.
Bychinsky, Wilfred A. 2,679,627.
- General Motors Corp.: *See*—Continued.
Callaway, Samuel R., and Webbere. 2,688,536.
Candor, Robert R.
Candor, Robert R. 2,692,494.
Carlson, Wilbur L. 2,688,793.
Carson, Stanley R. 2,683,928.
Cassidy, Robert J.
Chester, Robert W., Harnett, Royer, and Smith. 2,686,855.
Cigliano, Louis A. 2,679,931.
Clevenger, Carl L. 2,694,952.
Clingman, Paul E. 2,679,915.
Cobb, Leland D. 2,688,502.
Crane, Henry M. 2,692,135.
Crockett, Clarence V.
Crooks, Louis G. 2,678,345.
Crowe, Charles G. 2,682,968.
Darin, William, and Palid.
Davis, Raymond C. 2,678,104.
Davis, Raymond C. 2,690,063.
Dermond, Lawrence C.
Dermond, Lawrence C., and Morton. 2,678,036.
De Witt, Robert M. 2,695,146.
Diamond, Milton J. 2,689,042.
Dickson, John. 2,674,904.
Dickson, John. 2,679,241.
Dickson, John. 2,680,494.
Didion, Nolan A. 2,694,906.
Diedring, John H. 2,686,868.
Diehl, Gordon H., and Hopkins. 2,676,649.
Dinsmore, Albert P., Treseder, Light, Geyer, and Whitmer.
Dolza, John. 2,696,074.
Dow, Grove S., Jr., and Slone. 2,681,589.
Duckwall, Robert H. 2,690,462.
Edwards, James R. 2,678,138.
Elliott, Harold V. 2,682,570.
Elliott, Harold V. 2,684,098.
Elliott, Harold V., and Lautzenhiser. 2,690,483.
Ellis, Lockwood B.
Engelhart, William A.
Etchells, Eugene B.
Evans, Ronald K., and Manning. 2,674,988.
Fagg, Gerald H., and Arthur. 2,698,352.
Falge, Robert N., Onksen, and Dow. 2,679,179.
Fletcher, William A. 2,676,799.
Fletcher, William A. 2,680,018.
Flowers, William H., and Plexico. 2,696,124.
Flynn, Gregory, Jr. 2,687,931.
Foust, Floyd J., Welchel, and Burk. 2,695,099.
Fox, Harold E., and Rice. 2,691,420.
Frank, Charles E., and Kraus. 2,692,841.
Frank, Clarence E. 2,674,450.
Fredrickson, Gustav O. 2,683,250.
Frey, Clyde C.
Frick, Charles H. 2,691,382.
Fry, Millard E. 2,678,379.
Gaubatz, Arthur W. 2,679,136.
Gaubatz, Arthur W. 2,697,907.
Gaubatz, Arthur W., and Wheatley. 2,693,248.
Gaugler, Richard S.
Geyer, Howard M. 2,688,227.
Geyer, Howard M. 2,688,232.
Geyer, Howard M., and Carson. 2,678,181.
Geyer, Howard M., and Keim. 2,678,247.
Geyer, Howard M., and Treseder. 2,695,070.
Gillette, Charles R., and Burroughs. 2,683,343.
Goodwin, Richard M.
Goodwin, Richard M. 2,676,394.
Gordon, Dwight M., and Eltes. 2,694,559.
Graham, Charles D. 2,690,654.
Gretzinger, John R. 2,685,371.
Gretzinger, John R. 2,689,652.
Grooms, Albert O. 2,693,512.
Guentsche, Helmuth, Nelson, and Schjolin. 2,694,950.
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- General Railway Signal Co.: *See*—
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- General Riveters, Inc.: *See*—
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- General Shoe Corp.: *See*—
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- General Slicing Machine Co., Inc.: *See*—
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- General Steel Castings Corp.: *See*—
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- General Steel Products Co., Inc.: *See*—
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- Geneslay, Raymond H. J., to Compagnie Generale de Geophysique (C. G. G.). 2,690,512, Cl. 310—32.
- Génini, Victor, and M. Latapie, assignors to Etablissements St. Chamond-Granat, Paris, France. Electric motor follow-up system for the adjustment of liquid levels. 2,666,172, Jan. 12.
- Genisco, Inc.: *See*—
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- Genovese, Edgar N. 2,692,639, Cl. 155—152.
- Gent, Edgar W., Morristown, N. J., and O. Myers, Mount Vernon, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical translator. 2,668,877, Feb. 9.
- Genta, Guido R.: *See*—
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- Genta, Guido R., to General Aniline & Film Corp. 2,692,885, Cl. 260—356.
- Gentel, Ellsworth K.: *See*—
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- Genter, Albert H. 2,677,020, Cl. 191—39.
- Gentile, Alfred J.: *See*—
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- Gentilini, Augusto. 2,675,735, Cl. 88—18.
- Gentilini, Augusto, and M. Ferrario, assignors to Sicom Societa a Responsabilita Limitata. 2,675,736, Cl. 88—18.
- Gentzel, Perry H., State College, Pa. Pilot controlled main valve for fluid pressure systems. 2,667,892, Feb. 2.
- Genung, Arthur L., Birmingham, Mich. Swingable grocery cart having an outwardly opening side. 2,672,218, Mar. 16.
- Geoffrion, Edmour, Ville St. Laurent, Quebec, assignor, by mesne assignments, to R. Geoffrion, Montreal, Quebec, Canada. Time controlled circuit selector. 2,664,948, Jan. 5.

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- Geoffrion, Edmour.
- Geoffroy, Paul R., and T. Koulomzine. 2,675,521, Cl. 324—1.
- Geographical Projects Ltd.: *See*—
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- George, Carroll H., to Western Electric Co., Inc. 2,691,213, Cl. 29—241.
- George, Edwin M. 2,681,057, Cl. 126—364.
- George, Edwin M. 2,696,303, Cl. 209—458.
- George, Everett D., assignor, by mesne assignments, to The Goodyear Tire & Rubber Company. 2,676,641, Cl. 154—9.
- George, Frank G., 1/2 to Express Dairy Co. (London) Ltd. 2,681,247, Cl. 294—87.26.
- George, Karl W.: *See*—
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- George, Melvin F., Jr.: *See*—
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- George, Otis R., to Food Machinery and Chemical Corp. 2,687,024, Cl. 64—7.
- George, Walter C., assignor to Gaylord Container Corporation, St. Louis, Mo. Partitioned folded-blank bottle carrier. 2,665,049, Jan. 5.
- George, William L.: *See*—
 Eberl, James J., and George. 2,688,586.
- George, Willis D., Woodside, N. Y., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Combination lock. 2,672,042, Mar. 16.
- Georgoff, Vasil: *See*—
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- Georgoff, Vasil, to Danly Machine Specialties, Inc. 2,683,825, Cl. 310—96.
- Georgoff, Vasil, to Danly Machine Specialties, Inc. 2,688,382, Cl. 184—6.
- Georgoff, Vasil, to Danly Machine Specialties, Inc. 2,693,157, Cl. 113—38.
- Georgia Tech Research Institute: *See*—
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- Georgides, George Z. 2,697,018, Cl. 311—25.
- Georgiev, Alexander M., and L. J. Rawson, Dayton, Ohio. Oscillating stairs. 2,664,990, Jan. 5.
- Geovision Inc.: *See*—
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- Gepfert, Franklin G. 2,679,177, Cl. 81—17.2.
- Geppelt, Walter A. 2,694,164, Cl. 317—159.
- Gerace, Jerome. 2,682,855, Cl. 116—106.
- Geraci, Vincent F. 2,686,252, Cl. 240—2.
- Gerald, Curtis F., to Universal Oil Products Co. 2,689,207, Cl. 196—27.
- Gerard, George A. 2,691,490, Cl. 242—56.
- Gérard, Paul L. J., to Societe d'Etude et d'Exploitation du Pailier Fluide (S. E. E. P. F.). 2,692,803, Cl. 308—9.
- Gerardine, Fred. 2,675,976, Cl. 244—2.
- Gerbaud, Henri. 2,689,575, Cl. 132—56.
- Gerbe, John, Flushing, N. Y. Bag distending apparatus. 2,673,016, Mar. 23.
- Gerber, Albert. 2,688,800, Cl. 32—32.
- Gerber, Clifford F.: *See*—
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- Gerber, Dale C.: *See*—
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- Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Converter arrangement for suction cleaners. 2,668,313, Feb. 9.
- Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Cleaning tool nozzle and agitator. 2,671,925, Mar. 16.
- Gerber, Dale C., assignor to The Hoover Company. 2,673,996, Cl. 15—49.
- Gerber, Dale C., assignor to The Hoover Company. 2,677,869, Cl. 26—3.
- Gerber, Dale C., and E. C. Binggely, assignors to The Hoover Company. 2,677,907, Cl. 38—89.
- Gerber, Dale C., and E. C. Binggely, assignors to The Hoover Company. 2,678,375, Cl. 219—25.
- Gerber, Dale C., to The Hoover Co. 2,682,604, Cl. 240—2.
- Gerber, Dale C., to The Hoover Co. 2,683,829, Cl. 310—246.
- Gerber, Dale C., E. R. Swann, and W. G. Seck, to The Hoover Co. 2,687,586, Cl. 259—104.
- Gerber, Eugene, and S. Zaretsky. 2,686,556, Cl. 154—42.
- Gerber Products Co.: *See*—
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- Gerbode, William H., assignor to Rockford Show Case & Fixture Co. 2,677,586, Cl. 312—130.
- Gerbracht, Fred. 2,675,599, Cl. 25—131.
- Gere, Ansel J., to The Gabriel Co. 2,688,119, Cl. 333—5.
- Gerentes, Jean, to Constructions Electro-Mecaniques de Saint-Etienne Ancienne Usine "Wageor." 2,683,375, Cl. 74—22.
- Geressy, Thomas, and R. J. Haight. 2,686,614, Cl. 222—102.
- Gerg, Robert A., to Allis-Chalmers Mfg. Co. 2,686,287, Cl. 322—23.

- Gerhardt, Andrew H., and E. J. Frey, assignors to Borg-Warner Corporation. 2,679,741, Cl. 68—12.
- Gerhardt, Fred, $\frac{1}{2}$ to B. Werfel. Re. 23,848, Cl. 296—28.
- Gerhardt, Otto J., assignor to Valley Evaporating Company, Yakima, Wash. Multipurpose fork truck. 2,671,571, Mar. 9.
- Gerhardt, Otto J., to Valley Evaporating Co. 2,693,284, Cl. 214—38.
- Gerhardt, Robert V., assignor to Bausch & Lomb Optical Company. 2,678,228, Cl. 287—119.
- Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Photosensitive resin composition. 2,673,151, Mar. 23.
- Gerhart, Howard L., to Pittsburgh Plate Glass Co. 2,689,232, Cl. 260—23.7.
- Gerhart, Howard L., to Pittsburgh Plate Glass Co. 2,689,240, Cl. 260—83.5.
- Gerhartz, Lewis J. 2,676,696, Cl. 198—170.
- Gerhold, Clarence G., to Universal Oil Products Co. 2,692,864, Cl. 252—417.
- Geriatric Utility Bed Corp.: See—
Pirone, Frank J., and Hamann. 2,691,781.
- Gerlicke, Erich, to Roteprint Aktiengesellschaft. 2,693,718, Cl. 74—625.
- Gerke, Roscoe H., to United States Rubber Co. 2,687,976, Cl. 154—43.5.
- Gerke, Roscoe H., to United States Rubber Co. 2,687,977, Cl. 154—43.5.
- Gerken, Heinrich. 2,678,003, Cl. 103—3.
- Gerlach, Carl F., Chicago, Ill., assignor to The Triplett Electrical Instrument Company, Bluffton, Ohio. Tuning device. 2,666,905, Jan. 19.
- Gerlach, Clarence G. 2,684,419, Cl. 200—161.
- Gerlat, Matthew E., Milwaukee, Wis. Fused plug and multiple tap for electrical cords. 2,668,885, Feb. 9.
- Gerlich, Hans, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,689,197, Cl. 117—138.8.
- Gerlitz, Reuben A., assignor to Robbins & Myers, Inc., Springfield, Ohio. Power roof ventilator. 2,668,491, Feb. 9.
- Gerlitz, Richard K.: See—
Weber, Gay W., and Gerlitz. 2,683,850.
- German, Dwight: See—
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- Germany, Leslie W., assignor to Pye Limited. 2,675,424, Cl. 178—7.3.
- Germany, Norman V., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for impressing transfer designs upon pottery blanks. 2,668,383, Feb. 9.
- Germer, Edmund, to Hanovia Chemical & Mfg. Co. 2,682,008, Cl. 313—212.
- Germer, Edmund, Berlin-Wannsee, Germany, assignor to Hanovia Chemical & Manufacturing Company, Newark, N. J. Magnetic valve. 2,670,749, Mar. 2.
- Germer, Edmund, to Hanovia Chemical & Mfg. Co. 2,682,612, Cl. 250—85.
- Germeshausen, Kenneth J. 2,677,788, Cl. 315—238.
- Germeshausen, Kenneth J., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,678,403, Cl. 313—191.
- Germond, Paul D. 2,681,202, Cl. 254—2.
- Gerner, Theodore C. 2,676,579, Cl. 123—90.
- Gerner, Theodore C., Oklahoma City, Okla. Repairing pinion bearings. 2,672,680, Mar. 23.
- Gerneth, Josef. 2,695,362, Cl. 250—57.
- Gerold, Corinne E.: See—
Oliveto, Eugene P., and Gerold. 2,684,375.
- Oliveto, Eugene P., Hersberg, and Gerold. 2,684,376.
- Gerotor May Corporation, assignee: See—
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- Gerow, Gordon P., and J. Wishart, to Consolidated Vacuum Corp. 2,693,822, Cl. 137—551.
- Gerrard, A. J., & Company, assignee: See—
Gerrard, John M.
- Palmleaf, Herbert.
- Gerrard, John M., assignor to A. J. Gerrard & Company, Melrose Park, Ill. Steel strapping and shield. 2,666,004, Jan. 12.
- Gerrish, Herbert C. 2,684,807, Cl. 229—66.
- Gerrish, Joseph H.: See—
Engel, Morris, Gerrish, and Woodruff. 2,690,666.
- Gerritsen, Jacobus J.: See—
Langley, Marcus, Gerritsen, and Funnell. 2,695,461.
- Gerritsen, Jacobus J., and R. C. Abel. 2,679,856, Cl. 137—221.
- Gerry, Otto F.: See—
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- Gershen, Irvin J.: See—
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- Gershon, Solomon D., M. A. Goldberg, and W. R. Netzbandt, to Lever Brothers Co. 2,689,815, Cl. 167—87.1.
- Gershuny, Maurice A., $\frac{1}{2}$ to S. P. Gershuny. 2,687,769, Cl. 160—170.
- Gershuny, Seymour P.: See—
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- Gersley, Robert, to Beech-Nut Packing Co. 2,690,831, Cl. 198—30.
- Gerst, Chris, Detroit, Mich., assignor, by mesne assignments, to Le Roi Company, Milwaukee, Wis. Drive arrangement for truck mixers. 2,669,131, Feb. 16.
- Gerst, Chris, Detroit, Mich., assignor, by mesne assignments, to Le Roi Company, Milwaukee, Wis. Trans-mission. 2,672,769, Mar. 23.
- Gerst, Chris, Detroit, Mich., assignor, by mesne assignments, to Le Roi Company. Chute for concrete mixers. 2,672,966, Mar. 23.
- Gerst, Chris, assignor, by mesne assignments, to Le Roi Company. 2,680,377, Cl. 74—15.84.
- Gerst, Chris, to Le Roi Co. 2,692,765, Cl. 259—161.
- Gerst, Chris, to Le Roi Co. 2,696,372, Cl. 259—175.
- Gerstenmaier, John H., to The Goodyear Tire & Rubber Co. 2,690,799, Cl. 160—232.
- Gerster, Johann C. 2,685,322, Cl. 153—48.
- Gerteis, Karl M., assignor to Carrier Corporation, Syracuse, N. Y. Hermetic motor-compressor unit. 2,673,026, Mar. 23.
- Gertsch Products, Inc.: See—
Cutler, Leonard S., and Diener. 2,691,762.
- Gertz, Philip L. 2,675,554, Cl. 2—80.
- Gerung, George. 2,692,459, Cl. 51—66.
- Gerwick, Ben C., to Ben C. Gerwick, Inc. 2,687,017, Cl. 61—46.
- Gerwick, Ben C., Inc.: See—
Gerwick, Ben C. 2,687,017.
- Gerwig, Harvey F., P. A. Jameson, C. W. Franklin, and F. O. Hosterman, to Weston Hydraulics, Ltd. 2,684,764, Cl. 210—169.
- Geschickter, Charles F., and L. M. Rice. 2,696,487, Cl. 260—253.
- Gesellschaft fuer Linde's Eismaschinen A.-G., assignee: See—
Kahle, Heinrich. 2,675,089.
- Gess, Louis, Jenkintown, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Distance adjusted pneumatic control system. 2,666,585, Jan. 19.
- Gessler, Otto C. 2,676,824, Cl. 292—87.
- Gessner, David, Company, assignee: See—
Dourdeville, Theodore A.
- Gester, George C., Jr., Berkeley, and D. B. Sewell, Concord, assignors to California Research Corporation, San Francisco, Calif. Liquid mixer and mixing. 2,669,438, Feb. 16.
- Getaz, James L., New York, N. Y. Method and apparatus for sewing the loops at the toe of circular knit hose. 2,669,952, Feb. 23.
- Getchell, Benjamin E., to General Electric Co. 2,692,931, Cl. 200—166.
- Gethmann, Richard B., to General Electric Co. 2,681,421, Cl. 313—84.
- Getsinger, Floyd R. 2,677,399, Cl. 143—6.
- Getsinger, Leonard C. 2,696,706, Cl. 56—330.
- Gettelman, Gilbert C., to C. A. Wilkinson. 2,691,441, Cl. 206—72.
- Getty, William M.: See—
Raballo, John L., and Getty. 2,685,622.
- Getz, Arnstead G., to The Bishop & Babcock Mfg. Co. 2,684,707, Cl. 153—77.
- Getz, Delmond L., and E. C. Lafferty, assignors to The Steel Products Engineering Company, Springfield, Ohio. Stoker apparatus. 2,665,071, Jan. 5.
- Getz, Delmond L., to The Steel Products Engineering Co. 2,682,887, Cl. 137—400.
- Getz, John B., assignor to Interlocking Fence Company, Morton, Ill. Machine for making barbed wire. 2,673,578, Mar. 30.
- Gevaert Photo-Production N. V.: See—
De Cat, Arthur H., Sevens, and Van Dormael.
- Jaeken, Jan, and Van Dormael. 2,695,234.
- Jennen, Jacob J.
- Meeussen, Louis A., and Bellay.
- Rott, André.
- Schouteden, Ferdinand L. 2,677,622.
- Van Dormael, André E., Nys, and De Cat. 2,680,686.
- Gever, Gabriel, to The Norwich Pharmacal Co. 2,695,300, Cl. 260—307.
- Gewerkschaft Eisenhütte: See—
Löbbe, Wilhelm. 2,691,514.
- Gewerkschaft Eisenhütte Westphalia: See—
Löbbe, Wilhelm. 2,696,374.
- Gey, William H., of $\frac{1}{2}$ to P. H. Strauss. 2,684,182, Cl. 222—123.
- Geyer, Arthur N., Seattle, Wash. Belt tensioning device. 2,666,333, Jan. 19.
- Geyer, Howard M.: See—
Dinsmore, Albert P., Treseder, Light, Geyer, and Whitmer.
- Geyer, Howard M., to General Motors Corp. 2,688,227, Cl. 60—6.
- Geyer, Howard M., to General Motors Corp. 2,688,232, Cl. 60—97.
- Geyer, Howard M., and H. Carson, assignors to General Motors Corporation. 2,678,181, Cl. 244—134.
- Geyer, Howard M., and P. T. Keim, assignors to General Motors Corporation. 2,678,247, Cl. 309—3.
- Geyer, Howard M., and R. C. Treseder, to General Motors Corp. 2,695,070, Cl. 170—160.21.
- Geyer, Paul W., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Making graphs and grinding rolls by aid of graphs. 2,671,296, Mar. 9.
- Geyer, William O., assignor to Scientific Glass Apparatus Co., Inc., Bloomfield, N. J. Thermometer combined with flask adapter. 2,672,053, Mar. 16.

- Geyger, Wilhelm A., assignor to the United States of America as represented by the Secretary of the Navy. 2,677,796, Cl. 318—203.
- Geyger, Wilhelm A., to the United States of America as represented by the Secretary of the Navy. 2,683,843, Cl. 318—203.
- Geyger, Wilhelm A., to the United States of America as represented by the Secretary of the Navy. 2,683,845, Cl. 318—212.
- Ghai, Madan L., to Pullman-Standard Car Mfg. Co. 2,691,488, Cl. 236—44.
- Gheen, Ernest L.: See—
- Gheen, Robert L. and E. L. 2,692,155.
- Gheen, Robert L. and E. L. 2,692,155, Cl. 288—5.
- Ghersin, Ralph N., and G. L. Briggs, White Plains, N. Y. Multangular clamp for glass panels or the like. 2,667,246, Jan. 26.
- Ghigli, John V.: See—
- Wallace, Robert L., Jr., and Ghigli.
- Ghormley, Edwin I., assignor to United Aircraft Products, Inc., Dayton, Ohio. Pressure fluid operated by-pass and relief valve. 2,665,708, Jan. 12.
- Ghusn, Joseph. 2,678,649, Cl. 128—295.
- Giachino, Marcello T., assignor to Commercial Solvents Corporation. 2,677,706, Cl. 260—561.
- Giacoletto, Lawrence J., to Radio Corp. of America. 2,687,488, Cl. 313—195.
- Giacoletto, Lawrence J., to Radio Corp. of America. 2,695,984, Cl. 321—32.
- Giacosa, Dante, to Fiat Societa per Azioni. 2,697,613, Cl. 280—124.
- Giammaria, John J., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Homopolymers of alkyl N-substituted maleimides. 2,669,555, Feb. 16.
- Giammaria, John J., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Esters of thiophene-modified copolymers of maleic anhydride with aliphatic vinyl compounds. 2,671,773, Mar. 9.
- Giammaria, John J., to Socony-Vacuum Oil Co., Inc. 2,686,759, Cl. 252—59.
- Giammaria, John J., to Socony-Vacuum Oil Co., Inc. 2,698,297, Cl. 252—33.6.
- Giammaria, John J., to Socony-Vacuum Oil Co., Inc. 2,698,298, Cl. 252—39.
- Giammaria, John J., to Socony-Vacuum Oil Co., Inc. 2,698,299, Cl. 252—39.
- Giammaria, John J., to Socony-Vacuum Oil Co., Inc. 2,698,316, Cl. 260—78.
- Giandomenici, Umberto, Schio, Italy. Heat-retentive napped fabric and making the same. 2,671,475, Mar. 9.
- Giannelli, Joseph, Astoria, N. Y. Automatic phonograph. 2,665,134, Jan. 5.
- Giannette, Sam F. 2,675,816, Cl. 137—80.
- Giannini, G. M., & Co. Inc.: See—
- Klose, Alfred J. 2,685,421.
- Giannon, Thomas J. 2,679,272, Cl. 145—76.
- Giannotti, Felice. 2,697,467, Cl. 152—75.
- Gibb, Thomas R. P., Jr.: See—
- Banus, Mario D., Gibb, and Bragdon. 2,678,949.
- Gibb, Thomas R. P., Jr., to the United States of America as represented by the United States Atomic Energy Commission. 2,685,546, Cl. 148—16.7.
- Gibbon, Samuel Y., to Children's Hospital of Philadelphia. 2,695,605, Cl. 128—1.
- Gibbon, Samuel Y., to Children's Hospital of Philadelphia. 2,695,608, Cl. 128—30.
- Gibbons, Clyde F., assignor to Gaylord Container Corporation. 2,675,955, Cl. 229—23.
- Gibbons, James A., assignor to Warner Bros. Pictures, Inc. 2,674,544, Cl. 117—64.
- Gibbons, James A., assignor to Warner Brothers Pictures, Inc. 2,678,273, Cl. 95—5.
- Gibbons, Thomas, Chicago, Ill. Ear protector. 2,670,738, Mar. 2.
- Gibbs, Charles B., to English Numbering Machines Ltd. 2,692,085, Cl. 235—103.
- Gibbs, F. S., Inc.: See—
- Gibbs, Fred S. 2,695,710.
- Gibbs, Fred S., to F. S. Gibbs, Inc. 2,695,710, Cl. 210—53.
- Gibbs, Harold J. 2,696,974, Cl. 256—22.
- Gibbs, Harold J. M.: See—
- Dixon, Stanley M., and Gibbs. 2,686,670.
- Gibbs, Lloyd T., Tulsa, Okla., assignor to The Aldrich Pump Company, Allentown, Pa. Corrosion inhibitor. 2,666,026, Jan. 12.
- Gibbs Manufacturing and Research Corporation, assignee: See—
- Gibbs, Thomas B., and Wickham.
- Gibbs, Thomas B., Delavan, Wis. Timing apparatus for clocks and watches. 2,667,061, Jan. 26.
- Gibbs, Thomas B., Delavan, and P. B. Wickham, assignors to Gibbs Manufacturing and Research Corporation, Janesville, Wis. Hairspring vibrating apparatus. 2,673,461, Mar. 30.
- Gibbs, William D., assignor to Phantom Dial Company. 2,675,467, Cl. 250—20.
- Giblin, Thomas P., and W. A. Erdon, Pawtucket, R. I. Position indicator for automobiles. 2,664,634, Jan. 5.
- Gibson, Alan F., assignor to National Research Development Corporation. 2,674,155, Cl. 88—22.5.
- Gibson, Albert G.: See—
- Bridge, Adam E., and Gibson. 2,686,460.
- Gibson, Albert G., Middletown, assignor to The Black-Clawson Company, Hamilton, Ohio. Apparatus for thickening liquid slurry stocks. 2,669,909, Feb. 23.
- Gibson, Christian D., assignor to The Raymond Corporation. 2,678,746, Cl. 214—730.
- Gibson, Clarence E. 2,693,772, Cl. 109—59.
- Gibson, Estis M. 2,678,778, Cl. 242—96.
- Gibson, George A., Jr. 2,674,456, Cl. 271—52.
- Gibson, George A., Jr. 2,680,614, Cl. 271—44.
- Gibson, Glenn D. 2,678,517, Cl. 46—177.
- Gibson, Herman A.: See—
- Waddle, Howard M., Etchison, Gibson, and Granberry. 2,687,689.
- Gibson, John W.: See—
- Good, George M., Gibson, and Greensfelder.
- Gibson Patent Containers, Ltd., assignee: See—
- Page, John E.
- Gibson, Refrigerator Co.: See—
- De Graw, Othel I. 2,696,644.
- Powell, Herschel F. 2,681,551.
- Powell, Herschel F. 2,682,158.
- Rosebrook, Homer E.
- Rosebrook, Homer E. 2,694,295.
- Rutenber, Edwin A.
- Rutenber, Edwin A. 2,682,600.
- Rutenber, Edwin A. 2,691,369.
- Rutenber, Edwin A. 2,698,373.
- Gibson, Robert C., Birmingham, assignor to Parker Rust Proof Company, Detroit, Mich. Activation of oxalate metal coating compositions. 2,669,532, Feb. 16.
- Gibson, Stanley J., assignor to A. C. Wickman Limited. 2,677,281, Cl. 74—53.
- Gibson, Stanley J., to A. C. Wickman Ltd. 2,692,509, Cl. 74—53.
- Gibson, Van R., Jr., to General Electric Co. 2,682,002, Cl. 307—110.
- Gibson, William, Bellmore, N. Y., assignor to California Packing Corporation, San Francisco, Calif. Case marking device. 2,664,816, Jan. 5.
- Giddings & Lewis Machine Tool Co.: See—
- Daugherty, Jesse. 2,675,276.
- Daugherty, Jesse, Ownley, and Jones. 2,696,763.
- Daugherty, Jesse, and Wigton. 2,682,697.
- Evans, Thomas H.
- North, Irving W. 2,676,501.
- Plummer, Harvey R. 2,675,604.
- Wagner, Elmer K. 2,694,804.
- Woytych, Raymond M. 2,684,249.
- Gidion, Frank M.: See—
- Cencer, Peter F., and Whiteman. 2,688,944.
- Gidion, Leonore: See—
- Cencer, Peter F., and Whiteman. 2,688,944.
- Gielow, Orrin W., Kansas City, Mo. Golf bag. 2,664,933, Jan. 5.
- Gier, Francis T.: See—
- Tagliaferri, Frank P., and Gier. 2,674,938.
- Gier, John R., Jr. 2,674,424, Cl. 245—6.
- Gier, John R., Jr. 2,678,808, Cl. 257—245.
- Gier, Joseph T., Oakland, and R. V. Dunkle, Lafayette, assignors to The Regents of The University of California, Berkeley, Calif. Hemispherical radiometer sensing unit. 2,666,089, Jan. 12.
- Gier, Joseph T., Oakland, and R. V. Dunkle, Lafayette, assignors to The Regents of The University of California, Berkeley, Calif. Black body radiator and reflector. 2,667,806, Feb. 2.
- Gierlich, Raymond A., to Continental Machines, Inc. 2,680,911, Cl. 33—168.
- Giern, James B., and J. E. Rakke. 2,690,617, Cl. 32—40.
- Gierwiowski, Olgierd, Oak Park, assignor, by mesne assignments, to J. P. Seeburg Corporation, Chicago, Ill. Automatic phonograph. 2,673,739, Mar. 30.
- Giesbrecht, Frank, to G. and M. Equipment Co. 2,688,221, Cl. 55—64.
- Giesey, A. E., assignee: See—
- Smith, David C. 2,677,263.
- Gieszl, Hugh L., Gilbert, Ariz. Cleaner for mechanical cotton pickers. 2,668,330, Feb. 9.
- Giffen, James W., to Corning Glass Works. 2,696,699, Cl. 49—29.
- Giffin, John W. 2,697,000, Cl. 294—16.
- Gifford, Albert J., to Leland-Gifford Co. 2,685,898, Cl. 144—290.
- Gifford-Hill-Western, Inc.: See—
- Ogle, William J. 2,695,625.
- Gifford, James S., and H. C. Hansell, to Webb & Gifford Ltd. 2,691,394, Cl. 144—13.
- Gifford, John F., Richland, Wash., and N. B. Garden, Berkeley, Calif., assignors to the United States Atomic Energy Commission. Container for neutron irradiated material. 2,664,998, Jan. 5.
- Giger, Hannes: See—
- Gaudenzi, Arthur, and Giger. 2,697,670.
- Giger, Walter, to Allis-Chalmers Mfg. Co. 2,688,937, Cl. 105—131.
- Gigler, Wilfred C., Camas, Wash. Machine for sealing cartons. 2,670,027, Feb. 23.
- Gignoux, John R., San Gabriel, assignor to Shell Development Company, San Francisco, Calif. Apparatus for offshore coring. 2,665,885, Jan. 12.
- Gigoux, John P.: See—
- Farries, John R., and Gigoux.
- Giladett, Leo V. 2,690,669, Cl. 73—116

- Gilbert, A. C. Co., The: *See*—
 Moore, William F.
 Romer, Maurice H. 2,694,864.
 Smith, Raymond D.
 Smith, Raymond E. 2,694,136.
 Smith, Raymond E., and Romer.
 Smith, William R., and Monaco. 2,686,385.
 Smith, William R., and Monaco. 2,694,271.
- Gilbert, Abner I.: *See*—
 Gilbert, Herman W., and Deichmann. 2,690,308.
- Gilbert, Alfred G., South Acton, and W. H. Rogers, Jr., Malden, assignors to Reece Folding Machine Company, Woburn, Mass. Machine for shaping leather blanks into shoe components such as toe caps. 2,666,935, Jan. 26.
- Gilbert & Barker Mfg. Co.: *See*—
 Bickford, Charles A. 2,693,202.
 Bills, Philip H., and Grisé. 2,682,353.
 Bills, Philip H., Logan, and Mesh. 2,681,695.
 Grisé, Alfred L., and Pacey. 2,678,624.
 Logan, Joseph A. 2,681,693.
 Logan, Joseph A., and MacDonnell.
 Logan, Joseph A., and Robinson. 2,677,417.
 Mesh, Theodore J., and Tapp. 2,682,026.
 Pacey, John J. 2,691,955.
 Rapisarda, Edward D., and Leety. 2,681,820.
 Tapp, Harry F., Mesh, and Pacey. 2,693,114.
- Gilbert, Charles T. 2,685,748, Cl. 35—31.
 Gilbert, Charles T. 2,695,462, Cl. 35—31.
 Gilbert, Charles T., assignor to Saginaw Manufacturing Company, Saginaw, Mich. Ironing board supporting structure. 2,665,507, Jan. 12.
- Gilbert, Clyde L., to Robert Gair Co., Inc. 2,696,341, Cl. 229—28.
- Gilbert, Everett E., Flushing, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Insecticidal compositions containing dodecachlorotetrahydro-4,7-methanoindene and combating noxious organisms therewith. 2,671,043, Mar. 2.
- Gilbert, Everett E., to Allied Chemical & Dye Corp. 2,695,308, Cl. 260—456.
- Gilbert, Everett E., to Allied Chemical & Dye Corp. 2,697,120, Cl. 260—601.
- Gilbert, Everett E., and C. J. McGough, to Allied Chemical & Dye Corp. 2,690,450, Cl. 260—461.
- Gilbert, Everett E., and C. J. McGough, to Allied Chemical & Dye Corp. 2,690,451, Cl. 260—461.
- Gilbert, Everett E., D. H. Kelly, and C. Woolf, to Allied Chemical & Dye Corp. 2,695,918, Cl. 260—539.
- Gilbert, Everett E., J. A. Otto, and B. Veldhuis, to Allied Chemical & Dye Corp. 2,697,119, Cl. 260—601.
- Gilbert, George R.: *See*—
 Kirshenbaum, Isidor, and Gilbert. 2,677,649.
- Gilbert Gilkes & Gordon Limited, assignee: *See*—
 Wilson, Paul N.
- Gilbert, Greta V.: *See*—
 Gilbert, Herman W., and Deichmann. 2,690,308.
- Gilbert, H. Walter: *See*—
 Gilbert, Herman W., and Deichmann. 2,690,308.
- Gilbert, Harry: *See*—
 Dicke, Paul A., and Gilbert. 2,693,255.
- Gilbert, Herman W., and W. Deichmann, to Cutting Room Appliances Corp. 2,686,565, Cl. 164—78.
- Gilbert, Herman W., deceased (by A. I. and G. V. Gilbert, executors), and W. Deichmann; said Deichmann assor. to Cutting Room Appliances Corp. 2,690,308, Cl. 242—75.
- Gilbert, Jack, to B. Segal. 2,694,958, Cl. 88—27.
- Gilbert, Paul T., Jr., Alhambra, and E. P. Arthur, Altadena, Calif., assignors to Beckman Instruments, Inc. Glass electrode. 2,668,143, Feb. 2.
- Gilbert, Philip, Ferguson, assignor to Universal Match Corporation, St. Louis, Mo. Electronic counting device. 2,665,846, Jan. 12.
- Gilbert, Ronald A., assignor to D. Napier & Son Limited. 2,676,496, Cl. 74—665.
- Gilbert, Roswell W.: *See*—
 Miller, John H., and Gilbert. 2,687,512.
- Gilbert, Roswell W., Montclair, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Subaudio electrical filter. 2,670,460, Feb. 23.
- Gilbert, Roswell W., Montclair, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Frequency meter. 2,673,328, Mar. 23.
- Gilbert, Roswell W., assignor to Weston Electrical Instrument Corporation. 2,680,221, Cl. 318—28.
- Gilbert, Roswell W., to Weston Electrical Instrument Corp. 2,681,952, Cl. 179—171.
- Gilbert, Roy L.: *See*—
 Brown, John R., and Gilbert. 2,678,434.
- Gilbert, Samuel: *See*—
 Metsger, Charles S., and Gilbert.
- Gilbert, Samuel, Cedar Grove, assignor to Bendix Aviation Corporation, Teterboro, N. J. Engine starter apparatus. 2,665,586, Jan. 12.
- Gilbert, Samuel, Cedar Grove, assignor to Bendix Aviation Corporation, Teterboro, N. J. Starter jaw advancing mechanism. 2,665,588, Jan. 12.
- Gilbert, Samuel, assignor to Bendix Aviation Corporation. 2,679,603, Cl. 310—77.
- Gilbert, Samuel, to Bendix Aviation Corp. 2,683,990, Cl. 74—7.
- Gilbert, Samuel, to Bendix Aviation Corp. 2,693,707, Cl. 74—7.
- Gilbert, Samuel, and C. S. Metsger, to Bendix Aviation Corp. 2,688,254, Cl. 74—7.
- Gilbert, Stanley W.: *See*—
 Hunt, Scott F., and Gilbert.
- Gilbert, Walter W.: *See*—
 Cairns, Theodore L., and Gilbert. 2,692,268.
- Gilbert, Walter W., assignor to E. I. du Pont de Nemours and Company. 2,680,741, Cl. 260—260.
- Gilbert, William L., Clock Corp., The: *See*—
 Morganson, Peter H. 2,693,231.
 Morganson, Peter H. 2,697,324.
- Gilchrist, Albert D., to The Leece-Neville Co. 2,685,057, Cl. 322—25.
- Gilcrease, John R., Baton Rouge, La., assignor to Standard Oil Development Company. Dusting of rubberlike materials with cellulose. 2,673,844, Mar. 30.
- Gilday, Cheston M., Sr. 2,684,415, Cl. 200—113.
- Gildersleeve, Alfred M. 2,678,139, Cl. 214—83.24.
- Gildersleeve, William E.: *See*—
 Hess, Frederic O., Furczyk, and Gildersleeve. 2,694,246.
- Giles, James D. 2,690,351, Cl. 296—102.
- Giles, John E., Lockport, Ill. Grain hulling apparatus. 2,667,197, Jan. 26.
- Giletta, Dario, A. Pacclarini, and M. Zulliani, to Pirelli Societa per Azioni. 2,681,684, Cl. 154—10.
- Giletto, Anthony. 2,694,194, Cl. 340—267.
- Gillfillan Bros., Inc.: *See*—
 Johnson, Thomas J., Jr., and Van Alstyne. 2,689,952.
 Korelich, Pete. 2,698,401.
 Stein, Romar E. 2,684,410.
- Gillfillan, Henry W.: *See*—
 Butterfield, John P., and Gillfillan.
- Gillfillan, Henry W., and J. F. Patrick, to Chrysler Corp. 2,695,695, Cl. 192—84.
- Gillfillan, James B., Pittsburgh, Pa. Collapsible cot. 2,670,478, Mar. 2.
- Gilgoff, Herman. 2,696,204, Cl. 124—7.
- Gilberty, James V., West Hempstead, N. Y. Gas turbine power plant with duplexed blading. 2,668,413, Feb. 9.
- Gilkey, John W.: *See*—
 Barry, Arthur J., and Gilkey. 2,681,355.
- Gilks, Ernest N. 2,684,447, Cl. 250—106.
- Gilks, Robert E., assignor to Willard Storage Battery Company. 2,674,369, Cl. 206—46.
- Gill, Andrew S., Jr.: *See*—
 Winther, Martin P., and Gill. 2,697,368.
- Gill, Andrew S., Jr., to Eaton Mfg. Co. 2,688,388, Cl. 192—052.
- Gill, Andrew S., Jr., to Eaton Mfg. Co. 2,692,735, Cl. 242—45.
- Gill, James C. 2,690,837, Cl. 198—229.
- Gill, John O., Barnesboro, Pa. Shock absorber. 2,670,164, Feb. 23.
- Gill, Ronald, assignor to Allied Colloids (Manufacturing) Company Limited. 2,677,681, Cl. 260—239.
- Gill, William A. 2,680,036, Cl. 292—170.
- Gillard, Herbert W.: *See*—
 Kalinske, Anton A., and Gillard. 2,678,912.
- Gillaspy, Phillip H. 2,695,153, Cl. 251—54.
- Gille, Willis H., to Minneapolis-Honeywell Regulator Co. 2,692,510, Cl. 74—119.
- Gille, Willis H., to Minneapolis-Honeywell Regulator Co. 2,698,148, Cl. 244—77.
- Gillen, James W. 2,681,239, Cl. 287—52.05.
- Gillespie, Charles H., Cedar City, Utah. Tractor seat with cushioned support means. 2,664,941, Jan. 5.
- Gillespie, Daniel C., assignor to Borg-Warner Corporation. 2,677,448, Cl. 192—45.1.
- Gillespie, Harold S., Hasbrouck Heights, assignor to Bendix Aviation Corporation, Teterboro, N. J. Generator equalizer control system. 2,671,175, Mar. 2.
- Gillespie, Harold S., to Bendix Aviation Corp. 2,689,316, Cl. 317—13.
- Gillespie, Harvey M., to Standard Car Truck Co. 2,683,065, Cl. 308—83.
- Gillespie, James F., assignor to Red Star Button Co. Inc. 2,680,665, Cl. 312—234.
- Gillett, Frederick E.: *See*—
 Barnett, James W., and Gillett. 2,679,262.
- Gillette, Charles R., and W. P. Burroughs, to General Motors Corp. 2,683,343, Cl. 51—282.
- Gillette Co., The: *See*—
 Auerbach, Zemach. 2,675,909.
 Bailey, Vincent R. 2,674,368.
 Bailey, Vincent R. 2,678,126.
 Brown, Alfred E. 2,688,972.
 Hopkins, Ruth H., and Reed. 2,682,272.
 Metzler, Charles L.
 Muros, Joseph.
 Muros, Joseph, and Nigro. 2,694,856.
 Oldham, Henry P., Sullivan, and Berg. 2,696,041.
 Reed, Raymond E. 2,680,305.
 Shnitzler, Meyer J. 2,674,553.
 Shnitzler, Meyer J. 2,677,458.
 Shnitzler, Meyer J., Benedict, and Abrams. 2,692,672.
 Shnitzler, Meyer J., Benedict, and Abrams. 2,692,674.
 Shnitzler, Meyer J., Benedict, Abrams, and Flynn. 2,680,291.
 Testi, Nicholas. 2,676,396.
 Testi, Nicholas. 2,696,293.
 Young, Louis H.

- Gillette, Frank N., and G. W. King, to General Precision Laboratory Inc. 2,692,912, Cl. 178—69.5.
- Gillette, Myron R.: *See—*
Fay, Herbert M., and Gillette.
- Gillette, Roger H.: *See—*
Eversole, William G., O'Brien, and Gillette.
- Gillette, Roswell S., Erie, Pa. Key holder. 2,669,113, Feb. 16.
- Gilliam, Charles T., to D. T. Oertel. 2,688,376, Cl. 183—10.
- Gilliam, Robert L. 2,690,916, Cl. 280—81.
- Gillick, Laurance H., and T. J. Lehane, to Vapor Heating Corp. 2,686,661, Cl. 257—3.
- Gillies, Archibald, and H. R. Chipman, assignors to United States Rubber Company. 2,674,622, Cl. 260—521.
- Gilliland, Edwin R.: *See—*
Banes, Fred W., Fitz Gerald, Nelson, and Gilliland.
Lewis, Warren K., and Gilliland.
- Gilliland, Edwin R., Arlington, Mass., assignor to Standard Oil Development Company. Production of industrial gas comprising carbon monoxide and hydrogen. 2,671,721, Mar. 9.
- Gilliland, William H., assignor to Usco Power Equipment Corporation. 2,674,673, Cl. 200—127.
- Gilliland William H., and F. H. Turnham, to USCO Power Equipment Corp. Re. 23,915, Cl. 200—48.
- Gilliland, William H., and F. H. Turnham, to USCO Power Equipment Corp. 2,688,666, Cl. 200—48.
- Gillis, Esther M.: *See—*
Gillis, Joseph R. 2,698,201.
- Gillis, Joseph R., deceased, E. M. Gillis, administratrix. 2,698,201, Cl. 299—132.
- Gillman, Ferdinand W., assignor to Westinghouse Electric Corporation. 2,676,435, Cl. 49—2.
- Gillmeister, Frederick W., to Lewis and Kaufman, Inc. 2,690,982, Cl. 117—121.5.
- Gillon Co., Inc.: *See—*
Clapp, Henry H., and Denney. 2,698,272.
- Gillson, Joseph L., and W. K. Wilkinson, to E. I. du Pont de Nemours & Co. 2,694,618, Cl. 23—135.
- Gilluly, Olive J., Los Angeles, Calif. Projecting kaleidoscopic mechanism for creating and projecting designs. 2,665,609, Jan. 12.
- Gilman, Charles, to Kraft Bag Corp. 2,687,066, Cl. 93—8.
- Gilman, George W., and K. W. Pfeiffer, to Bell Telephone Laboratories, Inc. 2,694,140, Cl. 250—6.
- Gilmartin, Robert P.: *See—*
Neely, Richard J., and Gilmartin. 2,678,262.
- Gilmer, James R. 2,676,336, Cl. 5—94.
- Gilmont, Roger, assignor to The Emil Greiner Company. 2,679,759, Cl. 73—393.
- Gilmont, Roger, Brooklyn, N. Y., and R. H. Hamilton, Philadelphia, Pa., assignors to The Emil Greiner Company, New York, N. Y. Universal pressure-tight stopcock adapter. 2,672,315, Mar. 16.
- Gilmont, Roger, and M. J. Schwartz, to B. Cooper. 2,683,793, Cl. 219—20.
- Gilmore, Burdette B., Pelham Manor, N. Y., assignor to West Disinfecting Company. Flexible, nonelastic container of viscous material with rotary compress discharge pump. 2,668,637, Feb. 9.
- Gilmore, Forrest E., to Phillips Petroleum Co. 2,689,112, Cl. 257—229.
- Gilmore, Forrest E., to Phillips Petroleum Co. 2,695,836, Cl. 23—3.
- Gilmore, Forrest E., to Phillips Petroleum Co. 2,696,304, Cl. 210—42.5.
- Gilmore, James R., and C. M. Harman. 2,683,778, Cl. 179—189.
- Gilmore, John F.: *See—*
Booke, Kenneth E., and Gilmore. 2,685,701.
- Gilowitz, Benjamin, assignor of one-half to H. Litman, Bronx, N. Y. Rubber heel with rotatably adjusted section. 2,669,037, Feb. 16.
- Gilpin Electronics Inc., assignee: *See—*
Gilpin, Levering H., and Gordon.
- Gilpin, Levering H., Washington, D. C., and H. L. Gordon, Silver Spring, Md., assignors to Gilpin Electronics Inc., Washington, D. C. System of radio or television broadcasting or transmission. 2,671,165, Mar. 2.
- Gilpin, Phyllis B., Woodacres, Md. Disposable hospital gown. 2,668,294, Feb. 9.
- Gilroy, John, Sun Prairie, Wis., assignor to Air Reduction Company, Incorporated, New York, N. Y. Manually operated shutoff valve. 2,669,415, Feb. 16.
- Gilroy, John, to Air Reduction Co., Inc. 2,693,178, Cl. 128—142.
- Gilson, Warren E., and S. K. Rasmussen, assignors to The Burdick Corporation. 2,674,992, Cl. 128—206.
- Gilwood, Martin E., Hollis, assignor to The Permutit Company, New York, N. Y. Water deaerating. 2,671,524, Mar. 9.
- Gimson & Co. (Leicester) Limited, assignee: *See—*
Maddaford, John S. 2,675,011.
- Gindroz, Frank H., Lawndale, assignor to Electrical Engineering and Manufacturing Corporation, Los Angeles, Calif. Stator for electrical machines. 2,667,591, Jan. 26.
- Gingras, Arthur E. 2,678,069, Cl. 142—50.
- Ginkiewicz, Mary C.: *See—*
Clymer, Harold A., and Ginkiewicz. 2,675,343.
- Ginn, Raymond E., to Jas. H. Matthews & Co. 2,682,217, Cl. 101—3.
- Ginsburg, Carl C., Staten Island, N. Y. Device for casting secret ballots. 2,671,677, Mar. 9.
- Ginther, James H., to Ferro Corp. 2,688,807, Cl. 34—147.
- Ginther, Russell J., and F. J. Bogner, St. Louis, Mo., said Bogner assignor to said Ginther. Shaft seal. 2,670,973, Mar. 2.
- Gintovt, Henry. 2,680,029, Cl. 282—16.
- Ginzton, Edward L., to The Board of Trustees of the Leland Stanford Junior University. 2,695,973, Cl. 315—3.
- Ginzton, Edward L., to The Board of Trustees of The Leland Stanford Junior University. 2,698,398, Cl. 315—6.
- Giomo, Martino J., St. Louis, Mo. Flushing device for bottling machine valves. 2,667,882, Feb. 2.
- Giordano, Anthony J., assignor of 25% to A. M. Zalkind. 2,674,861, Cl. 62—108.5.
- Giordano, Jack P.: *See—*
Giordano, Peter A. 2,691,400.
- Giordano, Pasquale, Marblehead, Mass. Frictional holding means for windows. 2,673,113, Mar. 23.
- Giordano, Peter A., 25% to J. P. Giordano. 2,691,400, Cl. 150—28.
- Giordano, Salvatore. 2,682,905, Cl. 150—29.
- Giorgi, Alberto J.: *See—*
Giorgi, Rodolfo B., Klein, Unkel, and A. J. Giorgi.
- Giorgi, Rodolfo B., E. Klein, F. Unkel, and A. J. Giorgi, Buenos Aires, Argentina. Safety release device for mechanisms. 2,667,123, Jan. 26.
- Giorgini, Mario, assignor to The Dorr Company. 2,677,467, Cl. 210—198.
- Giovanola Freres S. A.: *See—*
Dumur, Marc. 2,682,838.
- Gipple, Oliver A. 2,687,933, Cl. 312—282.
- Gipple, Oliver A. 2,687,934, Cl. 312—282.
- Giraitis, Albert P., to Ethyl Corp. 2,688,641, Cl. 260—652.
- Giraitis, Albert P., to Ethyl Corp. 2,698,347, Cl. 260—659.
- Giraitis, Albert P., to Ethyl Corp. 2,698,348, Cl. 260—659.
- Girard, Alexandre A. L. 2,683,505, Cl. 188—89.
- Girard, Joseph W.: *See—*
Kenney, John W., Jr., and Girard. 2,695,839.
- Girard Paint & Varnish Mfg. Co.: *See—*
Lipson, Benjamin. 2,681,758.
- Girdlestone, Peter C., to Altus Engineering Co. (Corsham) Ltd. 2,680,862, Cl. 11—4.
- Girgosh, Stephen W., to The National Supply Co. 2,686,441, Cl. 80—13.
- Girling, Frank E. J.: *See—*
Bailey, Arthur E., Girling, and Pletts. 2,686,301.
- Girod, Emil, to J. R. Geigy A. G. 2,683,147, Cl. 260—294.7.
- Girod, Emil, and F. Hafiger, to J. R. Geigy A. G. 2,683,167, Cl. 260—482.
- Giroux, Alexander L., and S. A. Aquino, to The Hinde & Dauch Paper Co. 2,693,308, Cl. 229—28.
- Giroux, Alexander L., and S. A. Aquino, to The Hinde & Dauch Paper Co. 2,693,309, Cl. 229—28.
- Giroux, Oscar, Rouyn, Quebec, Canada. Tool for trainmen. 2,671,684, Mar. 9.
- Girz, Adolph, to The Hill Acme Co., Acme Machinery Division. 2,695,060, Cl. 164—47.
- Gisholt Machine Co.: *See—*
Eddison, William B.
Johnson, Charles H. 2,689,498.
Leifer, Lorenz A. 2,687,197.
Leifer, Lorenz A., and Premo. 2,686,448.
Weaver, Ira A., and Phelps.
- Gisondi, Emanuel, New York, N. Y. Self-clenching nail. 2,664,778, Jan. 5.
- Gispert, Humberto A., Havana, Cuba. Hip nail aiming and guiding device. 2,666,430, Jan. 19.
- Gittlin Bag Co.: *See—*
Strickman, Samuel W. 2,682,485.
- Giuntini, Roland. 2,684,202, Cl. 235—89.
- Giuntini, Roland. 2,689,685, Cl. 235—89.
- Giuseff, Vincent, South Orange, N. J. Folding bed. 2,672,624, Mar. 23.
- Giusto, Joseph F., 25% to W. D. Crosby. 2,695,355, Cl. 240—10.6.
- Givaudan Corp.: *See—*
Gump, William S., and Nikawitz. 2,675,408.
Gump, William S., and Nikawitz. 2,688,638.
Gump, William S., and Nikawitz. 2,688,639.
Kunz, Eric C., Weston, Jennison, Sweet, and Kitchens.
Wood, Thomas F.
- Givaudan-Delawanna Inc., assignee: *See—*
Naves, Yves R. 2,675,393.
- Given Machinery Company, assignee: *See—*
Jordan, Hans.
- Givens, Melvin, Montclair, assignor of one-half to P. J. Gaylor, Union, N. J. Tire chain holder. 2,667,907, Feb. 2.
- Gjesdahl, Frederick H., Crookston, Minn. Snowplow and means for coupling the same to pusher trucks. 2,667,708, Feb. 2.
- Gjingssto, John: *See—*
Okerlund, Elmer F., and Gjingssto. 2,683,279.
- Glaab, William L., and L. Wilson, to Laurel Pottery Mfg. Co. 2,680,893, Cl. 25—27.
- Glabe, Elmer F., assignor to Food Technology, Inc., Chicago, Ill. Baking compositions. 2,666,704, Jan. 19.

- Glabe, Elmer F., assignor to Food Technology, Inc., Chicago, Ill. Shortening compositions and making the same. 2,666,705, Jan. 19.
- Glabe, Elmer F., assignor to Food Technology, Inc. 2,678,277, Cl. 99—154.
- Glacier Metal Co., Ltd., The: *See*—
Mitchell, David C. 2,697,645.
Tait, William H. 2,689,380.
Tait, William H. 2,691,814.
- Gladdeen, John N. 2,676,465, Cl. 60—54.6.
- Gladfelder, Wiltie I., to Pangborn Corp. 2,682,135, Cl. 51—9.
- Gladfelder, Wiltie I., and C. P. Croft, Hagerstown, Md. Wet blasting apparatus. 2,667,014, Jan. 26.
- Gladfelder, Wiltie I., and R. R. Garver, to Pangborn Corp. 2,683,340, Cl. 51—217.
- Gladrow, Elroy M.: *See*—
Kimberlin, Charles N., Jr., and Gladrow. 2,689,229.
Kimberlin, Charles N., Jr., and Gladrow. 2,694,673.
- Gladstone, William E., Jr.: *See*—
Spaulding, Harry L., Gladstone, and Markovich.
- Glaisher, Edward J., to Hartford National Bank and Trust Co. 2,688,692, Cl. 250—27.
- Glamorene, Inc.: *See*—
Eisen, Howard L. 2,697,674.
- Glancy, Anna E., Southbridge, Mass., and J. K. Davis, East Woodstock, Conn., assignors to American Optical Company, Southbridge, Mass. Image projection optical system. 2,669,709, Feb. 16.
- Glander, James J., Detroit, Mich., assignor, by mesne assignments, to Rockwell Spring and Axle Company, Coraopolis, Pa. Lubricant seal. 2,665,957, Jan. 12.
- Glasby, J. P., Mfg. Co., Inc., The: *See*—
Glasby, Jonathan P., Jr. 2,684,667.
- Glasby, Jonathan P., Jr., to The J. P. Glasby Mfg. Co., Inc. 2,684,667, Cl. 126—110.
- Glaser, Allen H.: *See*—
Brill, William E., Glaser, and Watt. 2,698,013.
- Glaser Crandell Co.: *See*—
Hirsch, Harry G., and Judson. 2,687,797.
- Glaser, Leo B.: *See*—
Clarke, Philip C., Glaser, and Votta. 2,693,328.
- Glaser, Leo B., Cranford, N. J., and F. A. Votta, Jr., Ambler, Pa., assignors, by mesne assignments, to Eastern Metals Research Co., Inc., New York, N. Y. Zero and two directional force mechanism. 2,670,198, Feb. 23.
- Glaser, William F., and J. Lustl, to Otis Elevator Co. 2,682,318, Cl. 187—29.
- Glaser, William P. 2,694,437, Cl. 155—30.
- Glasgow, Clarence O.: *See*—
Walker, Jay P., and Glasgow.
- Glasgow, Walker, Jay P., Glasgow, and Francis. 2,685,938.
- Glass, Alfred L., assignor to the United States of America as represented by the Secretary of the Navy. 2,676,942, Cl. 260—31.4.
- Glass, Henry W. 2,692,741, Cl. 244—110.
- Glass, John P., and A. E. Hayes, to Minneapolis-Honeywell Regulator Co. 2,681,576, Cl. 74—5.
- Glass, Joseph E., assignor, by mesne assignments, to The Colson Corporation. 2,675,057, Cl. 155—30.
- Glass Labeling & Decorating Company, assignee: *See*—
Brown, Ralph.
- Glass, Mansfield D., to Boeing Airplane Co. 2,697,566, Cl. 244—83.
- Glass, Marvin I., and J. W. Ehemann, assignors to M. I. Glass, Chicago, Ill. Toy bank. 2,667,011, Jan. 26.
- Glass, Marvin I., and J. W. Ehemann. 2,697,301, Cl. 46—119.
- Glass Mosaic Corporation of America, assignee: *See*—
Dratler, Albert. 2,678,896.
- Glass, Sidney. 2,688,138, Cl. 2—234.
- Glass Block Spacer Guide, Inc., assignee: *See*—
Erickson, Nels S.
- Glassbrook, Clarence I.: *See*—
Eding, Harold J., and Glassbrook.
- Glassen, Charles E., assignee: *See*—
Newman, Waldo E. 2,678,973.
- Glassenhart, Alfons, to C. and W. A. Glassenhardt. 2,692,616, Cl. 137—636.2.
- Glassenhart, Carl: *See*—
Glassenhart, Alfons. 2,692,616.
- Glassenhart, Walter A.: *See*—
Glassenhart, Alfons. 2,692,616.
- Glaser, Austin C., trustee: *See*—
Rouse, George H., and Laylon.
- Glaser, Julius J. 2,697,611, Cl. 279—6.
- Glaser, Leo G.: *See*—
Albright, Clayton M., Jr., and Glaser. 2,694,335.
- Glass Fibers, Inc.: *See*—
Balz, Emil H. 2,674,548.
Labino, Dominick. 2,685,526.
Labino, Dominick. 2,685,527.
Labino, Dominick. 2,692,220.
- Glassips Incorporated, assignee: *See*—
Dieffenbach, Otto W. and R. A. 2,678,665.
- Glassman, Alfred R., Kings County, N. Y. Machine to slit material. 2,672,932, Mar. 23.
- Glassman, Joel, Brookline, Mass. Shoe construction using a welt and foxing strip. 2,673,406, Mar. 30.
- Glassmire, William F., Groves, and J. H. Phillips, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Polymerization of olefins. 2,670,392, Feb. 23.
- Glattes, Frank. 2,689,996, Cl. 24—252.
- Glauser, Jean M., Thornton Heath, England. Boot polishing machine. 2,672,635, Mar. 23.
- Glaxo Laboratories Limited, assignee: *See*—
Anslow, Winston K.
Dickson, George T. 2,680,762.
- Glazyer, James R., to Phillips Petroleum Co. 2,689,142, Cl. 285—152.
- Glaza, Vincent J. and W. C., Detroit, Mich. Toothbrush having a removable head. 2,668,973, Feb. 16.
- Glaza, William C.: *See*—
Glaza, Vincent J. and W. C.
- Glaze, Grady O., Washington, D. C. Rotary multiple selector switch. 2,668,200, Feb. 2.
- Glaze, Herbert L.: *See*—
Mason, Veyne V., and Glaze. 2,685,828.
- Glaze, Paul E., Gorgas, assignor of one-fourth to M. H. Fies, one-fourth to H. M. Johnstone, Birmingham, Ala., and one-fourth to J. W. Shealy. Apparatus for installing roof suspension bolts in mines. 2,673,452, Mar. 30.
- Glazer, Meyer, and J. E. Byrum, to Princess Anne Cartons, Inc. 2,685,403, Cl. 229—87.
- Glazier, Edwin M., assignor to Gulf Research & Development Company. 2,678,263, Cl. 44—80.
- Glazier, Edwin M., to Gulf Research & Development Co. 2,694,047, Cl. 252—373.
- Glaziou, Yves A. C.: *See*—
Dodeman, Jean A. G., and Glaziou. 2,677,306.
- Gleasant, Vernon E., Elmira, N. Y. Rotary pump and motor type fluid transmission. 2,668,417, Feb. 9.
- Gleasant, Vernon E. 2,687,195, Cl. 192—3.2.
- Gleason, Anthony H., to Standard Oil Development Co. 2,683,162, Cl. 260—465.
- Gleason, Anthony H., Westfield, and R. F. Leary, Cranford, N. J., assignors to Standard Oil Development Company. Heat treatment of hydrocarbon drying oils. 2,672,425, Mar. 16.
- Gleason, Augustus W., Berkeley, and H. M. Bowles, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Folded end-panel carton. 2,670,127, Feb. 23.
- Gleason, C. Roy. 2,687,026, Cl. 65—16.
- Gleason, Charles H., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Radiation detector. 2,666,157, Jan. 12.
- Gleason, Gus M., Jr., and R. H. Hoppe. 2,693,030, Cl. 32—33.
- Gleason, Howard S., Rochester, N. Y., assignor to Stromberg-Carlson Company. Magazine assembly. 2,668,021, Feb. 2.
- Gleason, James E., and O. F. Bauer, to The Gleason Works. 2,692,537, Cl. 90—5.
- Gleason, Wayne E., and E. C. Creamer, assignors to General Electric Company. 2,675,987, Cl. 251—74.
- Gleason, William W., assignor to Nachman Corporation. 2,680,253, Cl. 5—267.
- Gleason Works: *See*—
Carlsen, Leonard O., and Krastel. 2,682,204.
Gleason, James E., and Bauer. 2,692,537.
Hartman, Herbert G., and Stark. 2,680,622.
McMullen, Frederick E., and Peck. 2,691,250.
Stewart, Arthur L., and Carlsen.
Wildhaber, Ernest. 2,674,030.
Wildhaber, Ernest. 2,682,099.
Wildhaber, Ernest. 2,682,201.
Wildhaber, Ernest. 2,687,025.
- Gleaves, Victor B. 2,681,198, Cl. 248—120.
- Gleeson, Murray A., assignor to Goodman Manufacturing Company. 2,677,536, Cl. 262—9.
- Gleim, William K. T.: *See*—
Gaydasch, Alexander, and Gleim. 2,681,371.
- Gleim, William K. T., to Universal Oil Products Co. 2,683,108, Cl. 196—23.
- Gleim, William K. T., to Universal Oil Products Co. 2,694,645, Cl. 99—163.
- Gleitsman's, Inc., assignee: *See*—
Weintraub, Herman, and Fuerst.
- Glen, John, to Colvilles Ltd. 2,693,412, Cl. 75—123.
- Glendenning, Everett B.: *See*—
Caron, John B. R., Wies, and Glendenning. 2,684,292.
- Glendinning, William G., and A. M. MacLennan, to Gravier Mfg. Co. Ltd. 2,693,240, Cl. 169—2.
- Glenn Hydraulic Mfg. Co., The: *See*—
Glenn, Kenneth B. 2,687,012.
- Glenn, John E.: *See*—
Feeney, Thomas A., Glenn, Degenfelder, Crandall, and Ripley.
- Glenn, Kenneth B., to The Glenn Hydraulic Mfg. Co. 2,687,012, Cl. 60—53.
- Glenn, William E., Jr., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,678,773, Cl. 235—92.
- Glenn, William E., Jr., to the United States of America as represented by the United States Atomic Energy Commission. 2,686,880, Cl. 250—41.9.
- Glenner, Robert J., Chicago, Ill. Self-retaining cul-de-sac retractor. 2,666,428, Jan. 19.

- Glennie, Robert D.: *See*—
Boyden, Robert E., Clary, Eakin, Glennie, Mark, and Parsons. 2,677,499.
- Glenny, Arthur P., to The Sperry Gyroscope Co., Ltd. 2,697,218, Cl. 340—345.
- Glenny, Arthur P., Hanworth, and D. Waloff, Ealing, London, assignors, by mesne assignments, to The Sperry Gyroscope Company, Limited, Brentford, England. Gyroscopic apparatus. 2,667,705, Feb. 2.
- Glenny, Arthur P., and D. L. Spencer, to The Sperry Gyroscope Co. Ltd. 2,687,706, Cl. 121—38.
- Glen Raven Knitting Mills, Inc.: *See*—
Tew, Joseph F. 2,695,507.
- Glesby, David, Van Nuys, Calif. Means for transporting bulk commodities. 2,670,866, Mar. 2.
- Glesner, Charles W., to The Dow Chemical Co. 2,697,738, Cl. 136—177.
- Glickman, Mannes N.: *See*—
Klebanoff, Michael, Glickman, and Sitzer. 2,674,730.
- Glickman, Samuel A., to General Aniline & Film Corp. 2,684,976, Cl. 260—453.
- Glickman, Samuel A., and J. M. Wilkinson, to General Aniline & Film Corp. 2,686,805, Cl. 260—475.
- Glickman, Samuel L. 2,682,919, Cl. 158—99.
- Glidden Co., The: *See*—
Iveson, Herbert T., Radlove, and Julian. 2,690,971.
Julian, Percy L., and Karpel. 2,696,490.
Julian, Percy L., and Meyer.
Julian, Percy L., Meyer, and Ryden. 2,686,181.
Schock, Richard U., and Karpel. 2,684,963.
Welker, Paul L. 2,690,850.
- Glidden, Galen M., to Acme Protection Equipment Co. 2,684,066, Cl. 128—141.
- Glidden, Galen M., to Acme Protection Equipment Co. 2,695,020, Cl. 128—141.
- Glidden, Robert M.: *See*—
Moorehead, John O., Kurtz, and Glidden.
- Glienke, Herman J. W. 2,695,487, Cl. 56—27.
- Glime Industries, Inc.: *See*—
Kinsinger, Andrew S. 2,692,092.
- Glitsch, Fritz W. & Sons, Inc., assignee: *See*—
Glitsch, Hans C. 2,677,426.
- Glitsch, Hans C., assignor to Fritz W. Glitsch & Sons, Inc. 2,677,426, Cl. 164—90.
- Gload, Peter C.: *See*—
Gload, Richard A. and P. C., and Lavalley. 2,688,299.
- Gload, Richard A. and P. C., and J. E. Lavalley. 2,688,299, Cl. 115—18.
- Globe American Corp.: *See*—
Andrews, Kenneth L. 2,687,115.
Jain, Alva R., and Spence. 2,677,852.
Sherman, Alvin G. 2,687,125.
Tolley, Donald B. 2,685,303.
- Globe Automatic Sprinkler Co. of Pennsylvania: *See*—
Rowley, Arthur C.
Rowley, Arthur C. 2,697,008.
- Globe Hoist Co.: *See*—
Estel, George A., Jr. 2,683,902.
- Globe Industries, Inc., The: *See*—
Stein, Robert A., and Robertson. 2,682,779.
- Globe Slicing Machine Co., Inc.: *See*—
Lundell, Arnold W.
Lundell, Arnold W. 2,693,835.
- Globe-Union Inc.: *See*—
Khouri, Alfred S. 2,684,522.
Khouri, Alfred S., and Zunker.
Weideman, Bernard A. 2,694,995.
- Globe-Wernicke Co., The: *See*—
Macdonald, Angus S. 2,682,938.
- Globe Woven Belting Co., Inc.: *See*—
Peters, Frederick J. 2,675,771.
Wagner, Martin J. 2,675,906.
Weingartner, Gerald A. 2,687,750.
- Gloess, Paul F. M., assignor to Societe d'Electronique et d'Automatisme. 2,679,040, Cl. 340—345.
- Gloess, Paul F. M., and G. J. R. Piel, to Societe d'Electronique et d'Automatisme. 2,689,683, Cl. 235—61.
- Glogau, Richard C., assignor to E. I. du Pont de Nemours & Company. 2,676,877, Cl. 52—11.
- Glogau, Richard C., assignor to E. I. du Pont de Nemours & Company. 2,676,878, Cl. 52—11.
- Gloskey, Carl R.: *See*—
Ramsden, Hugh E., and Gloskey. 2,675,399.
Weinberg, Elliott L., Banks, Johnson, and Gloskey. 2,684,956.
- Glutzer, Jack. 2,697,270, Cl. 29—66.
- Glover, Bill, Inc.: *See*—
Glover, William C., Jr.
Glover, William C., Jr. 2,684,190.
Glover, William C., Jr. 2,685,990.
- Glover, Ernest H., Oklahoma City, Okla. Toy television set. 2,671,982, Mar. 16.
- Glover, Paul M. 2,681,607, Cl. 97—41.
- Glover, W. T., & Co. Limited, assignee: *See*—
Hollingsworth, Douglas T., and McCleery. 2,680,086.
- Glover, William C., Jr., Kansas City, Mo., assignor to Bill Glover Incorporated. Garment spotting machine. 2,670,621, Mar. 2.
- Glover, William C., Jr., to Bill Glover, Inc. 2,684,190, Cl. 223—74.
- Glover, William C., Jr., to Bill Glover, Inc. 2,685,990, Cl. 223—73.
- Glover, William C., Jr. 2,694,914, Cl. 68—240.
- Glow, Conrad J.: *See*—
Polster, Alfred, Glow, Shorey, and Antosiewicz. 2,695,482.
- Glowmeter Corp.: *See*—
Mihalakis, Agis I. 2,685,818.
Mihalakis, Agis I. 2,693,131.
- Glubiak, Casper. 2,685,792, Cl. 70—388.
- Gluckert, Frank A.: *See*—
Menegus, Robert L., Friedman, and Gluckert.
- Gluesenkamp, Earl W., to Monsanto Chemical Co. 2,689,869, Cl. 200—609.
- Gluesenkamp, Earl W., and G. E. Ham, assignors, by mesne assignments, to The Chemstrand Corporation. 2,674,592, Cl. 260—85.5.
- Gluszczyk, John E.: *See*—
Zielinski, Edward A. 2,696,692.
- Gluyas, Thomas M., Jr., to Radio Corp. of America. 2,691,078, Cl. 179—171.
- Glycerine Corporation of America, Inc., assignee: *See*—
Brooks, Benjamin T. 2,680,703.
- Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Tire manipulating device. 2,665,883, Jan. 12.
- Glynn, Edwin A., to Super Mold Corp. of California. 2,683,898, Cl. 18—18.
- Glynn, Theodore W., assignor to Blue Ridge Glass Corporation, Kingsport, Tenn. Electric heating element. 2,673,142, Mar. 23.
- Gmeiner, Harry H.: *See*—
Minor, Charles G. 2,674,511.
Minor, Charles G. 2,691,563.
- Gmitter, George T., to Armour and Co. 2,686,798, Cl. 260—429.
- Gnährich, Alfred. 2,677,288, Cl. 74—804.
- Gnaizda, Morris S., Brooklyn, N. Y. Doll wig. 2,670,570, Mar. 2.
- Gobeil, Richard J., to E. I. du Pont de Nemours and Co. 2,693,485, Cl. 260—500.
- Gobel, Charles. 2,689,565, Cl. 128—214.
- Göbel, Johannes, and J. G. Stuve, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Preparing hydraulic cement having retarded setting action. 2,671,030, Mar. 2.
- Gobereau, Robert R. 2,674,899, Cl. 74—459.
- Goble, Ralph W., to Eastman Oil Well Survey Co. 2,685,798, Cl. 73—345.
- Gobus, Alexander, to Sam Tour & Co. Inc. 2,687,479, Cl. 250—68.
- Gochael, Urban F., Dayton, Ohio. Reciprocable glass washer of the central brush element and outer brush carrier type. 2,671,235, Mar. 9.
- Godaert, Walter. 2,695,606, Cl. 128—2.
- Godbersen, Byron L. 2,698,199, Cl. 298—22.
- Godbey, Josiah J. 2,692,332, Cl. 250—20.
- Godbald, Nat H., Idaho Falls, Idaho, assignor to the United States of America as represented by the United States Atomic Energy Commission. Electromagnetic fluid pump. 2,669,183, Feb. 16.
- Godbald, Nat H., Idaho Falls, Idaho, assignor to the United States of America as represented by the United States Atomic Energy Commission. Electromagnetic fluid pump. 2,669,931, Feb. 23.
- Goddard, Clarence C., Tucumcari, N. Mex. Ground leveler. 2,672,702, Mar. 23.
- Goddard, Esther C.: *See*—
Goddard, Robert H. 2,674,848.
Goddard, Robert H. 2,687,614.
Goddard, Robert H. 2,687,646.
Goddard, Robert H. 2,689,453.
Goddard, Robert H. 2,695,496.
- Goddard, Harold O. 2,676,883, Cl. 92—2.
- Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Means for supplying and cooling rocket type combustion chambers. 2,667,740, Feb. 2.
- Goddard, Robert H., deceased; E. C. Goddard, executrix, assignor of 1/2 to The Daniel and Florence Guggenheim Foundation. 2,674,848, Cl. 60—39.46.
- Goddard, Robert H., deceased, by E. C. Goddard, executrix, 1/2 to The Daniel and Florence Guggenheim Foundation. 2,687,614, Cl. 60—39.77.
- Goddard, Robert H., deceased, by E. C. Goddard, executrix, 1/2 to The Daniel and Florence Guggenheim Foundation. 2,687,646, Cl. 73—228.
- Goddard, Robert H., deceased; E. H. Goddard, executrix, 1/2 to The Daniel and Florence Guggenheim Foundation. 2,689,453, Cl. 60—35.6.
- Goddard, Robert H., deceased, by E. C. Goddard, executrix, 1/2 to The Daniel and Florence Guggenheim Foundation. 2,695,496, Cl. 60—35.6.
- Goddard, Rochelle E. 2,690,188, Cl. 135—51.
- Goddin, Clifton S., Jr.: *See*—
Cain, Donald G., Goddin, and Caruthers.
Weaver, Joe C., Jr., Eliot, and Goddin. 2,684,934.
- Goddin, Clifton S., Jr., to Stanolind Oil and Gas Co. 2,696,494, Cl. 260—450.
- Gödel, Karl. 2,685,852, Cl. 108—17.
- Godfrey, Donald R., assignor to Westinghouse Electric Corporation. 2,677,113, Cl. 336—150.
- Godfrey, Elmore M., Jr. 2,690,207, Cl. 154—9.
- Godfrey, James H., Berlin, assignor to The Stanley Works, New Britain, Conn. Mortising template. 2,670,546, Mar. 2.

- Godfrey, James H., Berlin, and W. G. Lee, Kensington, Berlin, assignors to The Stanley Works, New Britain, Conn. Electric plane. 2,672,172, Mar. 16.
- Godfrey, Kenneth L., to Monsanto Chemical Co. 2,682,508, Cl. 252—46.7.
- Godley, Philip, 2nd: *See*—
Chadsey, Earl E., Jr., Clough, and Godley.
Clough, Philip J., and Godley.
- Godley, Philip, 2nd, Lexington, assignor to National Research Corporation, Cambridge, Mass. Apparatus and process for coating by vapor deposition. 2,665,225, Jan. 5.
- Godley, Philip, 2nd, Lexington, P. J. Clough, Reading, and R. A. Stauffer, Weston, assignors to National Research Corporation, Cambridge, Mass. Method and apparatus for vapor coating. 2,665,226, Jan. 5.
- Godsey, Frank W., Jr., and M. F. Jones, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Linear motor assembly for catapults and the like. 2,666,879, Jan. 19.
- Godsey, H. Mitchell. 2,678,091, Cl. 158—117.
- Godshalk, Henry W., to E. I. du Pont de Nemours & Co. 2,683,668, Cl. 106—193.
- Godshalk, James B., assignor to Fox Products Company. 2,675,522, Cl. 324—29.
- Godshalk, James B., to Fox Products Co. 2,689,939, Cl. 324—29.5.
- Godshalk, James B., and L. A. Medlar, to Fox Products Co. 2,689,322, Cl. 320—2.
- Godshall, Nicholas G., assignor to Walter W. Moyer Company, Ephrata, Pa. Infant's garment. 2,669,722, Feb. 23.
- Goebel, Charles G., assignor to Emery Industries Inc. 2,678,324, Cl. 260—413.
- Goebel, Joseph, to Nederlandse Document-reproductie N. V. 2,688,280, Cl. 95—37.
- Goede, Charles F., New Philadelphia, Ohio, assignor to Joy Manufacturing Company. Adjustable blade fan. 2,664,961, Jan. 5.
- Goedkoop, Martinus L., Geleen, assignor to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Production of aromatic polycarboxylic acids. 2,673,216, Mar. 23.
- Goedkoop, Martinus L., to De Directie van de Staatsmijnen in Limburg, Handelend voor en namens de Staat der Nederlanden. 2,693,452, Cl. 252—179.
- Goedkoop, Martinus L., to De Directie van de Staatsmijnen in Limburg, Handelend voor en namens de Staat der Nederlanden. 2,693,453, Cl. 252—179.
- Goehle, Earl G. 2,675,603, Cl. 29—95.
- Goenee, Pieter, and P. L. Stedehouder, to Koninklijke Industriële Maatschappij Voorheen Noury & Van Der Lande N. V. 2,691,050, Cl. 260—648.
- Goepfert, George J., and H. M. Canfield, assignors to The Carborundum Company, Niagara Falls, N. Y. Pressure sensitive adhesive coated sheet material. 2,667,436, Jan. 26.
- Goerg, Alfred, and A. Grob, to Ciba Ltd. 2,692,276, Cl. 260—465.3.
- Goering, Hans G.: *See*—
Garabrant, Arthur R., Goering, and Schneider 2,698,320.
- Goering, Hans G., and J. P. Rocca, to Standard Oil Development Co. 2,683,138, Cl. 260—80.5.
- Goerlich, Reinhard, Berlin-Schöneberg, Germany, assignor to International Standard Electric Corporation, New York, N. Y. Pneumatic carrier. 2,667,314, Jan. 26.
- Goerlich's: *See*—
Sparrow, Raymond K. 2,690,812.
- Goertz, Raymond C., and D. F. Uecker, assignors to the United States of America as represented by the United States Atomic Energy Commission. 2,679,940, Cl. 214—1.
- Goertz, Raymond C., and F. Bevilacqua, to the United States of America as represented by the United States Atomic Energy Commission. 2,689,318, Cl. 318—19.
- Goertz, Raymond C., and R. G. Schmitt, Jr., to the United States of America as represented by the United States Atomic Energy Commission. 2,695,715, Cl. 214—1.
- Goeser, Paul A., and C. L. Lohner, to Swift & Co. 2,697,664, Cl. 99—174.
- Goessele, George, executor: *See*—
Peterson, Christen J.
- Goett, Edward J., and R. J. Taylor, assignors to Chas. Pfizer & Co., Inc. 2,676,960, Cl. 260—210.
- Goetz, Alexander, Altadena, Calif., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Army. Means for performing microbiological assays of aerosols and hydrosols. 2,672,431, Mar. 16.
- Goetz, Alexander, Altadena, Calif., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Army. Means for performing microbiological assays of aerosols and hydrosols. 2,672,432, Mar. 16.
- Goetz, Alfred K., Cleveland, Ohio. Eaves trough. 2,672,832, Mar. 23.
- Goetz, Dorothy N., Tenafly, N. J., and R. C. La Borde, Bronxville, N. Y. Dispenser for articles of magnetic material. 2,667,394, Jan. 26.
- Goetz, Elmer F., to Williams and Co., Inc. 2,687,310, Cl. 280—46.
- Goetz, Maurus T., assignor, by mesne assignments, to Teletypesetter Corporation, Chicago, Ill. Control unit for composing machines. 2,672,231, Mar. 16.
- Goetz, William J. 2,678,140, Cl. 214—138.
- Goetz, Claus G., to Sintercast Corp. of America. 2,683,305, Cl. 29—198.
- Goetz, Claus G., and R. L. Pettibone, to Sintercast Corp. of America. 2,694,007, Cl. 75—204.
- Goff, George B. F., assignor to Cathodeon Limited, Cambridge, England. Television pickup tube. 2,667,600, Jan. 26.
- Goff, John W., assignor to Miller Manufacturing Company, Incorporated, St. Paul, Minn. Guard for poultry drinking fountain bowls. 2,669,220, Feb. 16.
- Gohorel, Fernand P., Antony, France, assignor to International Standard Electric Corporation, New York, N. Y. Double-selection electronic switching system. 2,668,876, Feb. 9.
- Gohr, Edwin J., F. T. Barr, and B. E. Roetheli, to Standard Oil Development Co. 2,697,718, Cl. 260—449.
- Gokey, Joseph G., assignor to Structo Manufacturing Company, Freeport, Ill. Spring motor construction for toys and the like. 2,672,216, Mar. 16.
- Gokey, Joseph G., to Structo Mfg. Co. 2,681,739, Cl. 214—77.
- Gold, Abraham: *See*—
Chalikian, John, and H. and A. Gold. 2,682,759.
- Gold, David, Washington, D. C. Magnetic fluid clutch. 2,673,631, Mar. 30.
- Gold, David. 2,687,850, Cl. 235—61.5.
- Gold, David H., Liverpool, assignor to Carrier Corporation, Syracuse, N. Y. Evaporative water cooler arrangement. 2,672,033, Mar. 16.
- Gold, Harold, East Cleveland, and D. M. Straight, Cleveland, Ohio. Fluid metering system. 2,669,482, Feb. 16.
- Gold, Harold, and D. M. Straight. 2,685,294, Cl. 137—1.
- Gold, Heinrich, Ipladen, and S. Petersen, Leverkusen-Schleibusch, assignors to Farbenfabriken Bayer Aktiengesellschaft, Leverkusen, Germany. Whitening agents for organic materials. 2,668,777, Feb. 9.
- Gold, Herman: *See*—
Chalikian, John, and H. and A. Gold. 2,682,759.
- Gold, Joseph K., Holyoke, and H. D. Rickless, Longmeadow, Mass. Spraying device. 2,672,143, Mar. 16.
- Gold, Marvin H., assignor, by mesne assignments, to Aerojet-General Corporation. 2,680,131, Cl. 260—453.
- Goldberg, Aaron S., to Nepera Chemical Co., Inc. 2,687,415, Cl. 260—256.4.
- Goldberg, Arthur G., assignor to Standard Box Co. 2,679,971, Cl. 229—28.
- Goldberg, Ben, assignee: *See*—
Marsh, Ernest J.
- Goldberg, Carl, assignor to Top Flite Models Inc. 2,676,431, Cl. 46—17.
- Goldberg, Edwin A., and J. Lehmann, to Radio Corp. of America. 2,684,999, Cl. 179—171.
- Goldberg, Harold D. and M. L. Bronx, and H. I. Lippmann, New York, N. Y. Plethysmograph. 2,667,159, Jan. 26.
- Goldberg, Harry: *See*—
Burrows, Milford D., Siwek, and Goldberg. 2,688,287.
- Goldberg, Harry A., assignee: *See*—
Strong, Harris G. 2,675,573.
- Goldberg, Israel E., Fort Lee, assignor to Bendix Aviation Corporation, Teterboro, N. J. Induction generator. 2,671,180, Mar. 2.
- Goldberg, Max. 2,684,801, Cl. 226—19.
- Goldberg, Max, and R. J. Garwin. 2,692,714, Cl. 226—19.
- Goldberg, Melvin A.: *See*—
Gershon, Solomon D., Goldberg, and Netzbandt. 2,689,815.
- Goldberg, Milton I.: *See*—
Goldberg, Harold D. and M. L. and Lippmann.
- Goldberg, Monroe B., and H. B. Reed, Jr., to the United States of America as represented by the Secretary of the Navy. 2,697,736, Cl. 136—6.
- Goldberg, Monroe B., and H. B. Reed, Jr., to the United States of America as represented by the Secretary of the Navy. 2,697,737, Cl. 136—6.
- Goldberg, Moses W., Upper Montclair, and A. I. Rachlin, Hackensack, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Basic ketones and salts thereof. 2,668,813, Feb. 9.
- Goldberg, Moses W., Upper Montclair, and A. I. Rachlin, Hackensack, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Phenyl-phenethyl ketones. 2,668,850, Feb. 9.
- Goldberg, Moses W., Upper Montclair, and L. M. Jampolsky, Clifton, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Alkylene-bis(oxyalkylene-ammonium) compounds. 2,668,855, Feb. 9.
- Goldberg, Nathan C. 2,680,856, Cl. 5—189.
- Goldberg, Ralph, Denver, Colo. Metal weather stripping. 2,670,821, Mar. 2.
- Goldberg, Robert J. 2,689,674, Cl. 226—19.
- Goldberg, William J.: *See*—
Hayes, Reginald, and Goldberg. 2,686,347.
- Goldberg, William P.: *See*—
Fox, Nelson S., and Goldberg. 2,687,520.
- Golden, Bertie C., assignor to Millhiser Bag Company, Inc., Richmond, Va. Bagmaking method and apparatus. 2,667,132, Jan. 26.
- Golden, Robert F., to Eaton Mfg. Co. 2,685,719, Cl. 24—20.

- Golden, Samuel, New York, N. Y. Greeting card package and display container. 2,670,074, Feb. 23.
- Golden, Sidney, to the United States of America as represented by the Secretary of the Army. 2,681,563, Cl. 73—35.
- Golden, Sidney, to the United States of America as represented by the Secretary of War. 2,696,710, Cl. 60—35.6.
- Goldfield, Edwin R., and R. J. Stava, University Heights, assignors to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray apparatus. 2,668,912, Feb. 9.
- Goldfield, Edwin R., and R. J. Stava, University Heights, and E. J. Bastin, assignors to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray apparatus. 2,668,913, Feb. 9.
- Goldhammer, Leo. 2,674,930, Cl. 95—31.
- Goldinger, Robert G., Codell, Kans. Collapsible fishing rod stand. 2,665,866, Jan. 12.
- Goldman, Arthur: See—
Kleiman, Morton, and Goldman.
- Goldman, Ben E. and M. 2,680,804, Cl. 240—7.1.
- Goldman, David, and J. Geiger, assignors to Evans & Company. 2,675,617, Cl. 33—18.
- Goldman, Irwin, and W. B. Roberts, to Sylvania Electric Products, Inc. 2,697,188, Cl. 317—234.
- Goldman, Leon, assignor to American Cyanamid Company. 2,680,739, Cl. 260—239.1.
- Goldman, Morris: See—
Goldman, Ben E. and M. 2,680,804.
- Goldman, Robert D. 2,697,837, Cl. 2—270.
- Goldman, Sylvan N.: See—
Kahn, Frank F. 2,689,132.
- Goldman, Sylvan N. 2,676,026, Cl. 280—33.99.
- Goldman, Sylvan N. 2,689,133, Cl. 280—33.99.
- Goldmark, Peter C., assignor to Columbia Broadcasting System, Inc. 2,676,807, Cl. 274—23.
- Goldmark, Peter C., to the United States of America as represented by the Secretary of War. 2,695,360, Cl. 250—20.
- Goldmark, Peter C., and R. Snerpvangers, to Columbia Broadcasting System, Inc. 2,681,388, Cl. 179—100.41.
- Goldmuntz, Lawrence A., to Bobrich Products Corp. 2,697,766, Cl. 200—122.
- Goldner, George H., to Federal Machine & Welder Co. 2,689,295, Cl. 219—4.
- Goldner, Richard, Sydney, New South Wales, Australia. Shutter or the like and slats therefor. 2,672,192, Mar. 16.
- Goldschmidt, Alfred: See—
Stewart, William T., Goldschmidt, and Harle. 2,687,377.
- Goldschmidt, Alfred, W. T. Stewart, and O. L. Harle, to California Research Corp. 2,687,378, Cl. 252—51.5.
- Goldschmidt, Erwin F. 2,685,257, Cl. 103—156.
- Goldschmidt, Hans. 2,697,456, Cl. 142—49.
- Goldschmidt, Th. A. G.: See—
Schmitz, Adolf. 2,684,946.
- Goldsmit, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Production of multilinear screens. 2,669,768, Feb. 23.
- Goldsmit, Alfred N., to Radio Corp. of America. 2,686,218, Cl. 178—5.4.
- Goldsmit, Henry A.: See—
Krems, Irving J., and Goldsmith. 2,684,969.
- Goldsmit, Henry F. 2,686,348, Cl. 28—74.
- Goldsmit, John L., to Hudson Engineering Corp. 2,680,975, Cl. 80—13.
- Goldsmit, Lou, Handbag Corp.: See—
Stucker, Leslie L. 2,691,998.
- Goldsmit, Vernon H. 2,694,324, Cl. 81—3.3.
- Goldstaub, Henry H., Snarebrook, England. Flexible electric heating element. 2,670,620, Mar. 2.
- Goldstein, Gustav, to D. M. Jacobs. 2,692,694, Cl. 214—332.
- Goldstein, Nathan, and H. J. Scherr, Baltimore, Md. Paper parasol. 2,671,458, Mar. 9.
- Goldstein, Richard: See—
Hupert, Julius J., and Goldstein. 2,695,951.
Hupert, Julius J., and Goldstein. 2,695,977.
Riddiford, Milton, and Goldstein.
- Goldstein, Sam, to Loft Candy Corp. 2,686,722, Cl. 99—148.
- Goldstine, Hallan E., to Radio Corporation of America. 2,688,074, Cl. 250—17.
- Goldstine, Hallan E., to Radio Corp. of America. 2,692,872, Cl. 333—79.
- Goldthorpe, Harold H., Cleveland, Ohio, assignor to General Electric Company. Mounting bracket for tubular lamps. 2,667,570, Jan. 26.
- Goldtrap, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Multireactor pebble heater process and apparatus. 2,671,122, Mar. 2.
- Goldwater, Bernard L.: See—
Sauzone, Edward J., and Goldwater. 2,676,239.
- Golfer, Leon, and C. L'Heureux. 2,685,287, Cl. 128—60.
- Gollbersuch, Edward W., to General Electric Co. 2,698,232, Cl. 75—203.
- Gollbersuch, Leo E. 2,674,918, Cl. 88—18.4.
- Goll, Gustavo. 2,689,824, Cl. 196—52.
- Gollmar, Herbert A., Pittsburgh, Pa., assignor to Koppers Company, Inc. Separation of acid gases from coal carbonization gases. 2,671,008, Mar. 2.
- Gollmar, Herbert A., assignor to Koppers Company, Inc. 2,675,296, Cl. 23—3.
- Gollus, Le Roy R., W. W. Hay, J. M. Milton, and V. A. Turner. 2,675,068, Cl. 158—116.
- Gollwitzer, Walter T., assignor to Addressograph-Multigraph Corporation. 2,679,798, Cl. 101—96.
- Gollwitzer, Walter T., and R. H. Lease, to Addressograph-Multigraph Corp. 2,697,396, Cl. 101—19.
- Golner, Carl E. A. 2,674,047, Cl. 33—178.
- Golubics, George J., assignor to Ford Motor Company. 2,677,374, Cl. 296—66.
- Goltra, Judson E. 2,674,122, Cl. 73—66.
- Gomez Surgical Manufacturing Corp., assignee: See—
Henderson, Stanford A. 2,678,156.
- Gomersall, John R., assignor to McGraw Electric Company. 2,680,183, Cl. 219—19.
- Gomersall, John R., to McGraw Electric Co. 2,687,924, Cl. 308—3.8.
- Gomersall, John R., to McGraw Electric Co. 2,688,063, Cl. 200—138.
- Gomerue Establishment: See—
Burgsmüller, Karl H. 2,691,921.
- Gomery, Paul L., to Phillips Petroleum Co. 2,691,687, Cl. 260—639.
- Gomes, Joseph P. 2,697,318, Cl. 55—106.
- Gomez, Peter D., Los Angeles, Calif. Power-driven sweeper and dirt collector. 2,670,485, Mar. 2.
- Gommel, Dewey E., Indianapolis, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Multiple-toothed circular saw with stabilizing holes. 2,667,904, Feb. 2.
- Gomory, Paul L., to Phillips Petroleum Co. 2,696,306, Cl. 210—42.5.
- Gondek, John T., assignor to Northern Pump Company. 2,679,107, Cl. 33—178.
- Gondek, John T. 2,693,396, Cl. 308—3.5.
- Gondolfo, Joseph A.: See—
Bremer, Hermann F., and Gondolfo. 2,680,802.
Bremer, Hermann F., and Gondolfo. 2,687,277.
- Gonser, Bruce W.: See—
Campbell, Ivor E., Gonser, and Powell.
- Gonyea, Alexander H. 2,691,794, Cl. 17—9.
- Gonzalez-Barcena y Fonsdeviela, Fidel. 2,686,144, Cl. 167—65.
- Gonzalez del Valle, Angel, Madrid, Spain. Air tight joint for windows, doors, and the like. 2,668,333, Feb. 9.
- Gonzalez, Don J., assignor to American Air Filter Company, Inc. 2,675,887, Cl. 183—44.
- Gonzalez, Julio. 2,680,435, Cl. 125—20.
- Gonzalez, Julio. 2,686,515, Cl. 125—20.
- Gooch, Fred P., assignor to The Sharples Corporation. 2,679,974, Cl. 233—7.
- Good, Alonzo C., R. J. Kaehler and C. W. Doughman, to The National Cash Register Co. 2,692,660, Cl. 188—94.
- Good, Fred C., & Sons, Inc., assignee: See—
Good, Frederick C. 2,677,258.
Good, Raymond J.
Good, Raymond J. 2,680,363.
- Good, Frederick A., and L. R. Hackney, to Lockheed Aircraft Corp. 2,688,761, Cl. 14—71.
- Good, Frederick C., assignor to Fred C. Good & Sons, Inc. 2,677,258, Cl. 66—110.
- Good, George M., Albany, J. W. Gibson, and B. S. Greensfelder, Oakland, assignors to Shell Development Company, Emeryville, Calif. Isomerization of paraffin wax. 2,668,866, Feb. 9.
- Good, George M., Amsterdam, Netherlands, J. W. Gibson, and B. S. Greensfelder, Oakland, assignors to Shell Development Company, Emeryville, Calif. Isomerization of paraffin wax. 2,668,790, Feb. 9.
- Good, George M., and G. Holzman, assignors to Shell Development Company. 2,678,337, Cl. 260—621.
- Good, Raymond J., assignor to Fred C. Good & Sons, Inc., Philadelphia, Pa. Bracket assembly for supporting yarn carriers. 2,666,312, Jan. 19.
- Good, Raymond J., assignor to Fred C. Good & Sons, Inc. 2,680,363, Cl. 66—96.
- Good, Robert J., to Minneapolis-Moline Co. 2,681,002, Cl. 100—21.
- Goodale, Edmund E.: See—
Edwards, Russell N., Goodale, and Lichtenstein. 2,683,804.
- Goodale, Kenneth S., and D. L. Kilcrease, to International Business Machines Corp. 2,687,199, Cl. 197—19.
- Goodall, William M., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Noise reduction in quantized pulse transmission systems with large quanta. 2,669,608, Feb. 16.
- Goodbar, Mayo A., E. H. Placke, and C. G. Falkner, to The National Cash Register Co. 2,696,944, Cl. 235—60.
- Goodbar, Mayo A., E. H. Placke, and C. G. Falkner, to The National Cash Register Co. 2,698,138, Cl. 235—91.
- Goodbar, Mayo A., G. A. Cocup, and K. R. Faux, to The National Cash Register Co. 2,698,139, Cl. 235—130.
- Goode, Jabus C. 2,694,546, Cl. 251—243.
- Goodell, Paul H. 2,688,685, Cl. 219—35.
- Goodemoot, Kenneth: See—
West, Herbert J., and Goodemoot.
- Gooderham, John W., assignor to Bell Telephone Laboratories, Incorporated. 2,678,968, Cl. 179—18.
- Gooderham, John W., to Bell Telephone Laboratories, Inc. 2,697,748, Cl. 179—7.1.
- Goodey, Ronald: See—
Tozer, Harold, Cross, and Goodey.

- Goodfellow, Isaac, to Shoe Form Co. Inc. 2,685,104, Cl. 18—3.
- Goodfellow, Isaac, to Shoe Form Co. Inc. 2,691,188, Cl. 18—19.
- Goodfellow, Sumner, Bloomington, Ill. Armrest for vehicle seats. 2,668,582, Feb. 9.
- Goodhue, Lyle D.: *See*—
- Tissol, Carolyn L., and Goodhue. 2,697,680.
- Goodhue, Lyle D., Bartlesville, Okla., and C. E. Tissol, St. Paul, Minn., assignors to Phillips Petroleum Company. Dibenzothiophenes as fungicides. 2,665,234, Jan. 5.
- Goodhue, Lyle D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Disulfides as synergists for 2,4-D. 2,668,103, Feb. 2.
- Goodhue, William V., Warwick, and A. N. Verrier, Providence, assignors to Universal Winding Company, Cranston, R. I. Knotter. 2,670,230, Feb. 23.
- Goodhue, William V., F. W. Higgins, and P. D. Baltzer, to Universal Winding Co. 2,691,810, Cl. 28—64.
- Gooding, Chester M., Staten Island, N. Y., and H. W. Vahlteich, Englewood, N. J., and R. H. Neal, deceased, late of North Bergen, N. J., by E. Neal, administratrix, North Bergen, N. J., assignors to The Best Foods, Inc., New York, N. Y. Substantially dehydrated food products. 2,667,419, Jan. 26.
- Goodlet, Gilbert A., Weston, Mo. Tree-felling and log-sawing attachment for tractors. 2,668,566, Feb. 9.
- Goodloe, Alfred M., Upper Montclair, assignor to Metal Textile Corporation, Roselle, N. J. Filter or strainer thimble and producing same. 2,672,214, Mar. 16.
- Goodloe, Alfred M., assignor to Metal Textile Corporation. 2,674,644, Cl. 174—35.
- Goodloe, Alfred M., to Metal Textile Corp. 2,683,500, Cl. 183—45.
- Goodman, Carl P. 2,696,077, Cl. 60—35.6.
- Goodman, Donald A., McCall, Idaho. Retractable ball ski binding. 2,667,359, Jan. 26.
- Goodman, Eugene P., and G. E. Thompson, to Standard Oil Co. 2,690,419, Cl. 196—33.
- Goodman, Gilbert S., assignor to Storkline Furniture Corporation. 2,678,219, Cl. 280—41.
- Goodman, Henry G., to Union Carbide and Carbon Corp. 2,697,714, Cl. 260—309.7.
- Goodman, Jacob B. 2,677,843, Cl. 15—236.
- Goodman, Louis, Millis, and E. O. Olsen, Wrentham, assignors to The Foxboro Company, Foxboro, Mass. Temperature responsive instrument. 2,673,465, Mar. 30.
- Goodman Mfg. Co.: *See*—
- Anderschock, Chester E. 2,694,430.
- Beck, William R. 2,690,884.
- Bergmann, Ernst R.
- Bergmann, Ernst R. 2,690,836.
- Bergmann, Ernst R., and Sloane.
- Bigelow, Roy S. 2,691,503.
- Cartledge, Frank. 2,674,364.
- Cartledge, Frank. 2,677,537.
- Cartledge, Frank. 2,689,720.
- Cartledge, Frank. 2,695,693.
- Gleeson, Murray A. 2,677,536.
- Grasse, Arthur M. 2,696,949.
- Hagenbook, Loy D.
- Hagenbook, Loy D. 2,695,701.
- Hardy, James W.
- Knapp, Walter C. 2,689,037.
- Lindberg, Richard C. 2,689,117.
- Lindberg, Richard C. 2,689,118.
- Lindgren, Frank A., and Lundquist. 2,695,700.
- Lundquist, Richard C. 2,690,834.
- Lundquist, Richard C. 2,691,511.
- Madeira, John R. 2,677,453.
- McCallum, Robert A.
- McCallum, Robert A. 2,677,454.
- McCallum, Robert A. 2,686,457.
- McCann, Keith. 2,677,456.
- Miller, George W. 2,683,475.
- Robbins, James S. 2,680,034.
- Sloane, William W. Re. 23,859.
- Sloane, William W. 2,686,590.
- Sloane, William W. 2,690,903.
- Sloane, William W. 2,691,754.
- Slomer, Joseph J. 2,674,093.
- Slomer, Joseph J. 2,692,767.
- Smith, Herman E. 2,689,034.
- Stoltz, Charles E. 2,686,399.
- Goodman, Norman H., to Triumph Hosiery Mills Inc. 2,697,925, Cl. 66—177.
- Goodman, Robert. 2,676,335, Cl. 5—13.
- Goodnight, Austin G. 2,676,505, Cl. 81—48.
- Goodnow, Harry D.: *See*—
- Sussdorff, George W. H., and Goodnow.
- Goodrich, B. F., Co., The: *See*—
- Andrews, Mary M.
- Antonsen, John O.
- Ardis, Alan E.
- Baumgartner, Luther L. 2,674,527.
- Brockway, Charles E.
- Brown, Harold P.
- Brown, Harold P. 2,681,327.
- Brown, Harold P. 2,698,318.
- Campbell, William A. 2,674,291.
- Caskin, Norman H.
- Goodrich, B. F., Co., The: *See*—Continued.
- Cox, Alvon R.
- Crawford, Richard A., and Morrissey. 2,681,899.
- Davis, Herbert L.
- Elder, Fred G. 2,676,391.
- Frederick, Marvin R. 2,678,315.
- Gray, Harold. 2,679,277.
- Gregory, James T. 2,691,015.
- Haines, David L. 2,675,252.
- Harper, Thomas C.
- Harris, Clyde W., and Kime.
- Hasselquist, Victor H.
- Hasselquist, Victor H. 2,685,436.
- Hasselquist, Victor H. 2,686,006.
- Jones, Russell L.
- Kamlet, Jonas.
- Keue, Henry J.
- Kreider, Leonard C. 2,692,255.
- Krotz, Alvin S. 2,689,755.
- Krupp, Carroll P. 2,693,222.
- Krupp, Carroll P. 2,693,223.
- Kuts, Mathew. 2,693,236.
- Loomis, George P. 2,688,996.
- McCool, John C. 2,678,939.
- Miller, James R. 2,684,954.
- Morrissey, Richard T., and Weiss. 2,698,041.
- Murray, Stanley E. 2,691,335.
- Orr, Marcus O.
- Perkins, William F. 2,698,042.
- Sapp, John P., and Sternal. 2,679,885.
- Sapp, John P., and Sternal. 2,679,886.
- Sarbach, Donald V. 2,676,636.
- Schanz, George H. 2,690,592.
- Schornstheimer, Robert E. 2,677,424.
- Schwemler, Arthur E., and Ramsthaler. 2,679,663.
- Sears, Daniel S.
- Semegen, Stephen T. 2,681,096.
- Spicer, Alvin W. 2,684,315.
- Steadman, Thomas R.
- Steadman, Thomas R. 2,689,870.
- Sternal, Frank S., and Sapp. 2,679,884.
- Stewart, William D. 2,678,878.
- Strong, Walter J., and Lindemann.
- Thompson, James R., and Traxler. 2,682,334.
- Wilson, Matthew W. 2,691,614.
- Wolf, Robert J.
- Wolf, Robert J. 2,686,172.
- Goodrich, Hunter C., assignor to Radio Corporation of America. 2,677,779, Cl. 313—70.
- Goodrich, Hunter C., assignor to Radio Corporation of America. 2,678,405, Cl. 315—13.
- Goodrich, Levi F., assignor to Corning Glass Works, Corning, N. Y. Container filling. 2,670,187, Feb. 23.
- Goodrick, Howard W.: *See*—
- Zunick, Michael J., and Goodrick.
- Goodrie, Joseph J. 2,690,717, Cl. 103—262.
- Goodson, Louis H., and R. B. Moffett, to George A. Breon and Company. 2,691,680, Cl. 260—570.8.
- Goodspeed Machine Company, assignee: *See*—
- Witt, Kenneth F. 2,678,669.
- Goodstein, Charles B. 2,695,407, Cl. 1—3.
- Goodwillie, John E., to Beloit Iron Work. 2,694,346, Cl. 92—49.
- Goodwillie, John E., and L. Hornbostel, assignors to Beloit Iron Works, Beloit, Wis. Apparatus for removing liquids from perforated rotating shells. 2,669,912, Feb. 23.
- Goodwin, A. D., & Son: *See*—
- Goodwin, Alfred D. 2,690,639.
- Goodwin, Alfred D., to A. D. Goodwin & Son. 2,690,639, Cl. 56—328.
- Goodwin, Carl W., to American Seal-Kap Corp. of Delaware. 2,693,307, Cl. 229—5.5.
- Goodwin, Edwin C., assignor to Allis-Chalmers Manufacturing Company. 2,674,676, Cl. 200—168.
- Goodwin, Ernest G. 2,684,130, Cl. 188—33.
- Goodwin, George R., Seekonk, Mass., assignor to Miller Electric Co., Pawtucket, R. I. Injection molding machine. 2,668,325, Feb. 9.
- Goodwin, Henry S., to Standard Oil Development Co. 2,687,989, Cl. 196—74.
- Goodwin, Hoyle T., Durham, N. C., assignor, by mesne assignments, to C. S. I. Sales Company, Cleveland, Ohio. Grip for golf clubs. 2,671,660, Mar. 9.
- Goodwin, Hoyle T., Durham, N. C., assignor to C. S. I. Sales Company, Cleveland, Ohio. Grip for golf clubs and the like and making the same. 2,671,661, Mar. 9.
- Goodwin, Hugh H.: *See*—
- Lovern, John A., Hanson, Goodwin, and Wilson. 2,686,126.
- Goodwin, John H., to Overly Mfg. Co. 2,697,932, Cl. 72—98.
- Goodwin, John T., to Dow Corning Corp. 2,686,740, Cl. 117—128.4.
- Goodwin, Leslie C., and C. H. M. Thorpe, assignors to Harbens Limited. 2,675,972, Cl. 242—43.7.
- Goodwin, Paul A.: *See*—
- Frish, Kurt C., and Goodwin. 2,678,938.
- Goodwin, Paul S.: *See*—
- Lahti, Arvo A., Goodwin, and Blanchard. 2,696,562.
- Goodwin, Paul S., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,672,559, Mar. 16.

- Goodwin, Richard M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Armature assembling machine. 2,673,391, Mar. 30.
- Goodwin, Richard M., assignor to General Motors Corporation. 2,676,394, Cl. 29—205.
- Goodwin, Richard R., to Holley Carburetor Co. 2,696,980, Cl. 267—1.
- Goodwin, Robert D.: *See*—
Welsz, Paul B., and Goodwin. 2,676,145.
- Goodwin, Thomas, assignor to J. C. Warren Corporation. 2,680,025, Cl. 274—11.
- Goodwin, Thomas E., Hempstead, assignor to Erco Radio Laboratories, Inc., Garden City, N. Y. Selective audio gate circuit. 2,666,848, Jan. 19.
- Goodyear Aircraft Corp.: *See*—
Baum, Richard V., Morrill, and Osofsky.
Fiedler, Henry. 2,697,567.
Goulding, Albert, Jr., Bond, Emrick, and Krosse. 2,689,372.
Proebstle, Leonard J.
Wiley, Carl A. 2,683,247.
Wilson, Robert G. 2,689,935.
Wolf, Edward. 2,690,889.
- Goodyear, Charles H., and E. J. Gruen, to Western Electric Co., Inc. 2,688,332, Cl. 134—64.
- Goodyear Tire & Rubber Co., The: *See*—
Augustin, Harold O.
Bethune, George R., Jr., and Green. 2,682,096.
Bricker, Carl E., and Curl. 2,698,021.
Brown, Frank R. 2,690,769.
Carson, Clarence M. 2,676,943.
Carson, Clarence M., and Snyder.
Carter, Raymond S., and Kimmich. 2,682,293.
Chamberlain, Richard K., and Hillegass.
Chamberlain, Richard K., and Neff. 2,682,320.
Collier, George H.
Cousins, Edward. 2,690,780.
Ehrenfried, John F., and Triche. 2,679,194.
Enabnit, Robert S. 2,682,638.
Flory, Paul J. 2,682,526.
Flory, Paul J. 2,691,006.
Ford, Charles J.
Ford, Charles J. 2,691,134.
Gehman, Samuel D., and Wilkinson. 2,682,082.
George, Everett D. 2,676,641.
Gerstenmaier, John H. 2,690,799.
Goulding, Albert, Jr., and Jukich. 2,690,590.
Haase, Jorgen I. 2,690,784.
Hogan, Claude A.
Jeffries, Frank A., and Taylor. 2,690,987.
Mastin, Thomas G., and Seeger. 2,683,727.
Mastin, Thomas G., and Seeger. 2,683,728.
McVey, Warren C. 2,691,055.
McWilliams, Ralph J. 2,690,785.
Meberg, Jess W., and Ripple. 2,679,088.
Miller, Ralph L. 2,682,274.
Phane, Walter J. 2,698,020.
Poole, Donald S. 2,690,985.
Royall, Ivey G., Jr.
Seeger, Nelson V., and Fauser. 2,683,730.
Seeger, Nelson V., and Mastin. 2,683,729.
Sturtevant, Mark J. 2,679,224.
Workman, Robert E. 2,679,572.
- Gooley, Clarence A. and E. L. 2,694,890, Cl. 55—92.
- Gooley, Edward L.: *See*—
Gooley, Clarence A. and E. L. 2,694,890.
- Goon, Wong B., San Diego, Calif. Mophead having dual working surfaces. 2,665,441, Jan. 12.
- Goos, Carlos F. E., assignor to Birome Sociedad Anonima, Comercial E Industrial, Buenos Aires, Argentina. Locking device. 2,671,354, Mar. 9.
- Gosman, Herbert J., to The Singer Mfg. Co. 2,694,993, Cl. 112—235.
- Goosmann, Fred H. 2,682,107, Cl. 30—123.
- Göpert, Göte Y. M. 2,677,831, Cl. 5—8.
- Gopperton, Ardath A., to The Standard Register Co. 2,686,671, Cl. 271—24.
- Gora-Lee Corporation, The, assignee: *See*—
Johnson, Arthur A.
- Göransson, Rolf E.: *See*—
Olsson, Karl G., and Göransson. 2,694,846.
- Gorbatenko, Dimitri L., San Francisco, Calif. Web feed mechanism for adjustable rotary imprints. 2,669,453, Feb. 16.
- Gorbatenko, Dimitri L., San Francisco, Calif. Web feeding means for adjustable rotary imprints. 2,671,397, Mar. 9.
- Gordenier, Robert E., to Brown & Bigelow. 2,682,806, Cl. 88—39.
- Gordon, Allan C.: *See*—
Mathews, John E., and Gordon.
- Gordon, Anthony, New York, N. Y. Fountain pen. 2,669,970, Feb. 23.
- Gordon, Arthur, Chicago, Ill. Three-way, all-purpose drain. 2,666,493, Jan. 19.
- Gordon, Arthur, Chicago, Ill. Purification of sewage. 2,666,740, Jan. 19.
- Gordon, Arthur. 2,688,755, Cl. 4—252.
- Gordon, Arthur F.: *See*—
Ruh, Robert P., and Gordon. 2,681,940.
Ruh, Robert P., and Gordon. 2,681,941.
Ruh, Robert P., and Gordon. 2,681,942.
- Gordon, Arthur F., and H. A. Clark, to Dow Corning Corp. 2,696,480, Cl. 260—46.5.
- Gordon, Bruce A. 2,697,254, Cl. 18—47.5.
- Gordon, Bruce B., to Continental Can Co., Inc. 2,695,738, Cl. 222—542.
- Gordon, Bruce B., to Continental Can Co., Inc. 2,695,739, Cl. 222—542.
- Gordon, Carroll M., San Pablo, and C. A. Corum, Berkeley, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Accelerator target holder. 2,670,440, Feb. 23.
- Gordon, David M. 2,681,463, Cl. 15—140.3.
- Gordon, Don, Los Angeles, Calif. Cosmetic applying brush. 2,666,222, Jan. 19.
- Gordon, Dwight M., to Carter Carburetor Corp. 2,681,213, Cl. 261—23.
- Gordon, Dwight M., and D. B. Elfes; said Elfes assor. to General Motors Corp., and said Gordon assor. to Carter Carburetor Corp. 2,694,559, Cl. 261—39.
- Gordon, Harry, New York, N. Y. Collar stiffener. 2,668,956, Feb. 16.
- Gordon, Harry L., Los Angeles, Calif. Body-treating apparatus. 2,670,733, Mar. 2.
- Gordon, Herman L.: *See*—
Gilpin, Levering H., and Gordon.
- Gordon, Jacob, to B. H. Wallace. 2,697,773, Cl. 219—10.69.
- Gordon, James F., to Bendix Aviation Corp. 2,683,252, Cl. 332—26.
- Gordon, James R., and G. H. C. Norman, Copper Cliff, Ontario, Canada, P. E. Queneau, Westport, Conn., W. K. Sproule, and C. E. Young, Copper Cliff, Ontario, Canada, assignors to The International Nickel Company, Inc., New York, N. Y. Autogenous smelting of sulfides. 2,668,107, Feb. 2.
- Gordon, Jesse B. 2,676,346, Cl. 12—51.
- Gordon, John D., to Olson Mfg. Co. 2,688,832, Cl. 55—118.
- Gordon, Joyce A., and I. A. Gorin, Los Angeles, Calif. Fluid injecting device. 2,670,673, Mar. 2.
- Gordon, Melvin J., to himself, S. Z. Gordon, and N. G. Stone. 2,680,852, Cl. 2—240.
- Gordon, Morris, New York, N. Y. Drapery. 2,671,508, Mar. 9.
- Gordon, Ralph G., to Price Electric Corp. 2,697,935, Cl. 73—40.
- Gordon, Sadye Z.: *See*—
Gordon, Melvin J. 2,680,852.
- Gordon, Samuel H., C. Thomson, and R. F. Johnstone, to Resistance Welders Limited. 2,685,628, Cl. 219—4.
- Gordon, Samuel M.: *See*—
Schlesinger, Albert, Weiner, and Gordon.
Schlesinger, Albert, Weiner, and Gordon. 2,683,720.
- Gordon, Thurlow M., Jr., Brookfield, Conn. Constant temperature box. 2,671,643, Mar. 9.
- Gordon, William, Union City, N. J. Quick-acting screw and ratchet clamping device. 2,671,482, Mar. 9.
- Gore, Owen L., P. Crawford, Jr., and T. C. Gams, to The De Florez Co., Inc. 2,686,470, Cl. 101—93.
- Gore, Sam, Vero Beach, Fla. Vibration washer and steering knuckle. 2,670,229, Feb. 23.
- Gore, Vesta V. 2,684,795, Cl. 223—105.
- Goreau, Theodore N., and O. Neracher, assignors to Hercules Powder Company. 2,678,295, Cl. 167—53.1.
- Goregliad, Arsenius N.: *See*—
Berg, Abram S., and Goregliad.
- Goreham, Herbert V., to United Shoe Machinery Corp. 2,692,567, Cl. 112—52.
- Gorenflo, Wilfred J. 2,685,755, Cl. 43—23.
- Gorham, George, assignor to Technicon Chromatography Corporation, New York, N. Y. Control means for automatic fraction collection apparatus. 2,672,271, Mar. 16.
- Gorham, George, assignor to Technicon Chromatography Corporation, New York, N. Y. Automatic motor control for fraction-collection apparatus. 2,672,581, Mar. 16.
- Gorin, Everett, to Socony-Vacuum Oil Co., Inc. 2,681,302, Cl. 196—17.
- Gorin, Everett, to Socony-Vacuum Oil Co., Inc. 2,681,332, Cl. 260—96.5.
- Gorin, Everett, to Socony-Vacuum Oil Co., Inc. 2,681,333, Cl. 260—96.5.
- Gorin, Everett, to Socony-Vacuum Oil Co., Inc. 2,681,334, Cl. 260—96.5.
- Gorin, Everett, to Socony-Vacuum Oil Co., Inc. 2,681,335, Cl. 260—96.5.
- Gorin, Everett, to Socony-Vacuum Oil Co., Inc. 2,681,336, Cl. 260—96.5.
- Gorin, Everett, to Socony-Vacuum Oil Co., Inc. 2,681,337, Cl. 260—96.5.
- Gorin, Everett, to Pittsburgh Consolidation Coal Co. 2,682,455, Cl. 48—197.
- Gorin, Everett, to Pittsburgh Consolidation Coal Co. 2,682,456, Cl. 48—197.
- Gorin, Everett, to Pittsburgh Consolidation Coal Co. 2,682,457, Cl. 48—197.
- Gorin, Everett, to Pittsburgh Consolidation Coal Co. 2,682,458, Cl. 48—206.
- Gorin, Everett, and M. B. Neuworth, assignors to Pittsburgh Consolidation Coal Company, Pittsburgh, Pa. Refining of tar acid oil. 2,666,796, Jan. 19.
- Gorin, Israel A.: *See*—
Gordon, Joyce A., and Gorin.

- Goris, Johan R. H., 2,677,709, Cl. 260—628.
 Gorman, Andrew T.: *See*—
 Canetta, John, and Gorman, 2,692,156.
 Cook, Harle S., and Gorman, 2,697,012.
 Gorman, Andrew T., assignor to Westinghouse Air Brake Company, 2,674,121, Cl. 73—39.
 Gorman, Andrew T., and E. S. Cook, assignors to Westinghouse Air Brake Company, 2,676,064, Cl. 303—3.
 Gorman, Andrew T., and E. S. Cook, assignors to Westinghouse Air Brake Company, 2,676,065, Cl. 303—18.
 Gorman, Edward F., 2,683,892, Cl. 16—153.
 Gorman, John P., and C. D. Munsell, 2,676,044, Cl. 287—54.
 Gorman-Rupp Industries, Inc., assignee: *See*—
 Montgomery, Horace M.
 Smith, Edward M.
 Gornowski, Edward J.: *See*—
 Jahnig, Charles E., and Gornowski.
 Gorrie, Harvard H., assignor to Bailey Meter Company, 2,675,015, Cl. 137—85.
 Gorrie, Harvard H., assignor to Bailey Meter Company, 2,679,828, Cl. 121—40.
 Gorrie, Harvard H., and J. F. Shannon, assignors to Bailey Meter Company, 2,679,829, Cl. 121—41.
 Gorrie, Harvard H., and J. F. Shannon, assignors to Bailey Meter Company, 2,679,862, Cl. 137—622.
 Gorske, Stanley F., Indianapolis, Ind., assignor, by mesne assignments, to The Marquette Metal Products Company, Cleveland, Ohio, Making clutch springs, 2,668,347, Feb. 9.
 Gorton, George, Machine Co.: *See*—
 Christopherson, Kenneth E.
 Eserkahn, Theodore F., 2,686,459.
 Gunderson, Allen D.
 Klema, Harlow, and Qualler, 2,682,239.
 Steinbrecker, Freddy, 2,695,588.
 Steinbrecker, Freddy, and Henkes.
 Tessner, Ezra E., and Gunderson, 2,684,018.
 Gorton-Pew Fisheries Company, Ltd., assignee: *See*—
 Swaine, Robert L., 2,680,076.
 Göschel, Karl-Heinz, to Gutbrod Motorenbau G. m. b. H., 2,695,600, Cl. 123—32.
 Goserud, Chester O., 2,694,590, Cl. 292—66.
 Goshen Manufacturing Company, Inc., The, assignee: *See*—
 Rink, Robert M.
 Goshorn, Roland H., and W. W. Levis, Jr., assignors to Sharples Chemicals Inc., 2,677,690, Cl. 260—302.
 Goshorn, Roland H., and W. W. Levis, Jr., to Sharples Chemicals Inc., 2,685,587, Cl. 260—302.
 Goshorn, Roland H., and W. W. Levis, Jr., to Sharples Chemicals Inc., 2,685,588, Cl. 260—302.
 Goslin-Birmingham Manufacturing Company, Inc., assignee: *See*—
 Little, John W.
 Gosline, Frederick V., assignor, by mesne assignments, to Pioneer Specialty Company, 2,677,973, Cl. 74—424.8.
 Gosline, Frederick V., to Pioneer Specialty Co., 2,683,967, Cl. 60—52.
 Gosline, Frederick V., to Pioneer Specialty Co., 2,688,698, Cl. 250—33.
 Gosney, John J.: *See*—
 Daley, Roger J., Gosney, and Neiman, 2,675,943.
 Goss, Harold W., 2,684,254, Cl. 280—112.
 Goss, James H., Schenectady, N. Y., L. I. Mendelsohn, Lynn, and H. A. Bakke, Swampscott, Mass., assignors to General Electric Company, Unitary integrating meter and damping magnet structure, 2,668,275, Feb. 2.
 Goss, James H., L. I. Mendelsohn, and H. A. Bakke, to General Electric Co., 2,683,921, Cl. 29—155.59.
 Goss, James W., 2,696,962, Cl. 248—28.
 Goss Printing Press Co., The: *See*—
 Crafts, Curtis S., 2,679,802.
 Knell, Christopher V.
 McWhorter, Henry L.
 McWhorter, Henry L., 2,689,095.
 Palmatier, Francois N.
 Goss, Ralph B., 2,681,650, Cl. 128—33.
 Goss, Vernon W.: *See*—
 Borges, Walter F., and Goss.
 Goss, William A.: *See*—
 Preble, Norman H., and Goss.
 Goss, Worth C., assignor to The Sheetwood Products Company, Re. 23,829, Cl. 18—47.5.
 Goss, Worth C., Houghton, assignor to The Sheetwood Products Company, Seattle, Wash. Manufacturing sheet lumber, 2,673,370, Mar. 30.
 Goss, Worth C., to The Sheetwood Products Co., 2,693,619, Cl. 19—155.
 Goss, Worth C., to The Sheetwood Products Co., 2,694,013, Cl. 106—163.
 Gossett, M. T.: *See*—
 Carter, Carnie M., 2,693,930.
 Gossick, Ben R., to United States of America as represented by the United States Atomic Energy Commission, 2,683,221, Cl. 250—83.6.
 Gossner, Louis E. E., assignor to Treg, Inc., San Francisco, Calif. Double-walled waterproof boot, 2,673,405, Mar. 30.
 Gossner, Louis E. E., assignor to Treg, Inc., 2,679,647, Cl. 2—82.
 Gossner, Louis E. E., to Treg, Inc., 2,693,013, Cl. 24—205.1.
 Gotberg, Harry H., Detroit, assignor to Colonial Broach Company, Warren Township, Mich. Radius dresser, 2,665,680, Jan. 12.
 Gotterson, Herbert E., 2,676,429, Cl. 42—79.
 Gottfried, Sidney: *See*—
 Barsky, George, and Gottfried.
 Gottgetreu, Henry J., assignor of 49/100 to L. V. Sutton, 2,674,041, Cl. 33—1.
 Gottlieb, Bertha, Cleveland, Ohio, Tool for making invisible seams, 2,673,574, Mar. 30.
 Gottlieb, George, and S. M. Strauss, New York, N. Y. Bed construction, 2,670,479, Mar. 2.
 Gottlieb, Hans B., Glassboro, N. J., and J. D. Park, Boulder, Colo., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorination of tri-fluoro-trichloro-propene, 2,670,387, Feb. 23.
 Gottlieb, Morton S., to Jay V. Zimmerman Co., 2,686,834, Cl. 179—1.
 Gottlieb, Morton S., to Jay V. Zimmerman Co., 2,686,835, Cl. 179—1.
 Gottschalk, Albert, and H. Kohler, to Astrawerke VEB, 2,689,081, Cl. 235—60.
 Gottshalk, Karl K.: *See*—
 Gallie, Donald B., and Gottshalk.
 Gottschalk, Winston M.: *See*—
 Brown, William C., and Gottschalk, 2,678,407.
 Gottschalk, Herbert A., to M. A. Coler, 2,684,397, Cl. 136—133.
 Goubau, Georg J. E., to Surface Conduction, Inc., 2,685,068, Cl. 333—95.
 Goudie, Wayne F., to Devere Co., 2,697,904, Cl. 56—25.4.
 Goudy, Paul R., to Kollsman Instrument Corp., 2,689,342, Cl. 340—345.
 Gougelman, Paul R., to Mager & Gougelman, Inc., 2,692,391, Cl. 3—13.
 Gough, Leslie F., 2,695,575, Cl. 110—38.
 Gouirand, Rene, 2,694,368, Cl. 105—197.
 Gouirand, Rene, 2,694,569, Cl. 267—65.
 Gould, Byron C., to No-Sag Spring Co., 2,695,655, Cl. 155—55.
 Gould, Don U., Hawthorne, N. Y. Burial vault, 2,665,471, Jan. 12.
 Gould & Eberhardt, Inc.: *See*—
 Zimmermann, William F., and Davenport, 2,690,701.
 Gould, Edwin B.: *See*—
 Gould, Russell D. and E. B., 2,685,775.
 Gould, Fredrick, Angola, Ind. Container for packing live larvae for shipping and storage, 2,670,562, Mar. 2.
 Gould, George H.: *See*—
 Irvin, Leslie L., and Gould.
 Gould, Gerald G., E. Krupotich, G. B. Olmsted, and W. H. Tucker, 2,693,109, Cl. 73—161.
 Gould, Herbert R., assignor to General Electric Company, 2,680,219, Cl. 317—228.
 Gould, John R.: *See*—
 Brickley, James L., 2,692,734.
 Gould, Leigh, 2,679,188, Cl. 88—24.
 Gould-National Batteries, Inc.: *See*—
 Kennedy, Henry A., and Remus, 2,694,745.
 Zahn, Harold E., 2,694,099.
 Zahn, Harold E., 2,694,100.
 Gould, Otis O., assignor of 1/2 to W. C. Harrigan, 2,676,047, Cl. 292—229.
 Gould, Russell D. and E. B., 2,685,775, Cl. 56—328.
 Gould, Samuel, Lennox, Calif. Safety device for skis, 2,673,743, Mar. 30.
 Gould, Wallace E., to Mueller Co., 2,693,815, Cl. 137—385.
 Goulding, Albert, Jr., J. C. Bond, H. W. Emrick, and J. W. Krosse, to Goodyear Aircraft Corp., 2,689,372, Cl. 18—1.
 Goulding, Albert, Jr., and M. Jukich, to The Goodyear Tire & Rubber Co., 2,690,590, Cl. 18—4.
 Goumeniouk, Gleb I., assignor to Powell River Company Limited, 2,677,991, Cl. 92—44.
 Goument, Vear O., 2,694,520, Cl. 233—12.
 Gouner, Leonidas E., 1/4 to P. R. Bowers and 1/4 to R. E. St. Pe., 2,696,377, Cl. 263—26.
 Gourdon, Robert, assignor to Centre d'Etudes M. B. A. (Mecanique Balistique et Armement), Paris, France. Apparatus for sorting articles such as mail, 2,669,365, Feb. 16.
 Gourdon, Robert, to Centre d'Etudes M. B. A. (Mecanique, Balistique, Armement), 2,696,919, Cl. 214—11.
 Gourley, Hillman, 2,677,135, Cl. 5—109.
 Gouse, George H.: *See*—
 Freeman, Raymond A., and Gouse, 2,685,948.
 Gouveia, Americo: *See*—
 Budzyrna, Walter J., and Gouveia.
 Goy, Ronald S., to Dunlop Tire and Rubber Corp., 2,691,403, Cl. 154—16.
 Goy, Ronald S., to Dunlop Tire and Rubber Corp., 2,693,360, Cl. 273—61.
 Govan, Clifton D., 2,690,745, Cl. 128—15.
 Govan, Jack F., Los Angeles, Calif. Furnace lining, lining furnaces, and the like, 2,666,975, Jan. 26.
 Gove, Armond M., 2,691,837, Cl. 40—10.
 Gove, Winfield D., assignor to United Aircraft Corporation, 2,676,461, Cl. 60—39.74.
 Governale, Luke J., Baton Rouge, La., assignor to Ethyl Corporation, New York, N. Y. Sodium peroxide manufacture, 2,671,010, Mar. 2.

- Gow, Kenneth P., Pasadena, and A. L. Klein, Los Angeles, assignors to California Institute Research Foundation, Pasadena, Calif. Electrical counter. 2,666,912, Jan. 19.
- Gowland, Douglas K., to Gowland & Gowland. 2,680,921, Cl. 41—10.
- Gowland & Gowland: *See*—
Gowland, Douglas K. 2,680,921.
Gowland, John P. 2,680,934.
Gowland, John P. 2,681,055.
- Gowland, John P., to Gowland & Gowland. 2,680,934, Cl. 46—111.
- Gowland, John P., to Gowland & Gowland. 2,681,055, Cl. 124—12.
- Gowland, John P. 2,692,530, Cl. 88—29.
- Goza, William B., and J. L. Garrett. 2,685,991, Cl. 223—95.
- Gozlow, Frank J.: *See*—
Keenan, Vincent J., and Gozlow.
- Grabarczyk, Frank A., assignor to Hickman Industries, Inc. 2,677,411, Cl. 155—50.
- Graber, Carl D.: *See*—
Behrens, Herbert C., and Graber. 2,690,183.
- Graber, Robert P.: *See*—
Johnson, William S., and Graber. 2,683,738.
- Grabner, Walter J. 2,679,817, Cl. 113—59.
- Grabosky, Robert O.: *See*—
Fredrickson, Edward J., and Grabosky. 2,682,870.
- Grace, Alexander. 2,692,806, Cl. 311—27.
- Grace, Edward J., Jr., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Pumping system. 2,670,692, Mar. 2.
- Grace, Edward J., Jr., assignor to Sun Oil Company. 2,674,695, Cl. 250—43.5.
- Grace, Edward J., Jr., to Sun Oil Co. 2,682,652, Cl. 340—150.
- Grace, John H.: *See*—
Kinney, Lawrence W., and Grace. 2,685,955.
- Grace, W. R., & Co.: *See*—
Veltman, Preston L., and Hubbard. 2,698,062.
- Graceform-Camlin Corset Co., Inc.: *See*—
Imersheim, Mathias. 2,696,614.
- Gracey, William R., Jr., Alexandria, Va., assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Desk enclosure for automatic recorders. 2,670,262, Feb. 23.
- Gradisar, Albin A.: *See*—
Critoph, David I., and Gradisar.
Lundberg, Harry F., and Gradisar.
- Gradstein, Stephan, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for producing screening images of body sections. 2,667,585, Jan. 26.
- Grady, John O., Arab, Ala. License plate frame. 2,672,703, Mar. 23.
- Grady, John R.: *See*—
Muschamp, Harold L., and Grady. 2,681,183.
- Grady, John R., Cheadle Hulme, and H. L. Muschamp, Bramhall, England, said Grady assignor to said Muschamp. Automatic yarn winding machine. 2,670,151, Feb. 23.
- Grady, John R., and H. L. Muschamp; said Grady to said Muschamp. 2,682,377, Cl. 242—18.
- Grady, Lynn R. 2,691,215, Cl. 30—16.
- Grady, William H., assignee: *See*—
Harrison, Edward.
- Graef, John M.: *See*—
Greiner, Charles J., Graef, Collins, Burger, and Sabee. 2,690,597.
- Graef, John M., and K. J. Harwood, Neenah, and R. N. Sabee, Appleton, Wis., assignors to International Cellulose Products Company, Chicago, Ill. Tampon applicator assembly conditioning method and apparatus. 2,667,666, Feb. 2.
- Graef, John N., to David White Co. 2,697,890, Cl. 40—158.
- Graef, Rudolf F., assignor to Hüttenwerk Oberhausen Aktiengesellschaft, Oberhausen, Germany. Production of basic Bessemer steel low in nitrogen. 2,671,018, Mar. 2.
- Graenacher, Charles: *See*—
Geiger, Max, Usteri, and Graenacher. 2,693,494.
- Graenz, Alfred P. 2,674,864, Cl. 66—89.
- Graesser, David A., assignor to The Singer Manufacturing Company. 2,680,417, Cl. 112—181.
- Graeter, Raymond G.: *See*—
Olstad, Martin H., and Graeter. 2,693,247.
- Graetz, Francis D., Denver, Colo. Camera tripod. 2,665,099, Jan. 5.
- Graetz, William P., and J. H. McAuley, assignors to McAuley Manufacturing, Inc., Bremen, Ohio. Sprocket chain. 2,672,059, Mar. 16.
- Graf, Frederick. 2,677,997, Cl. 95—42.
- Graf, Joseph P., assignee: *See*—
Howe, Elra F. 2,676,666.
- Graflex, Inc.: *See*—
King, Rollin W., and Berlant.
Panosian, James S. 2,676,901.
Smith, Clarence E.
Smith, Clarence E., Nerwin, and Moore. 2,693,744.
Tone, Frederick F.
- Graham, Allen C. 2,679,242, Cl. 124—1.
- Graham, Boynton, to E. I. du Pont de Nemours and Co. 2,692,247, Cl. 260—42.
- Graham, Bruce, to Eastman Kodak Co. 2,694,703, Cl. 260—163.
- Graham, Bruce, and A. Weissberger, to Eastman Kodak Co. 2,691,659, Cl. 260—310.
- Graham, Charles D., to General Motors Corp. 2,690,654, Cl. 62—140.
- Graham, Connelly L., assignor to Northrop Aircraft, Inc. 2,678,785, Cl. 244—113.
- Graham, Dallas P. 2,694,563, Cl. 262—26.
- Graham, Douglas H., and G. Tabberer, to General Electric Co. 2,689,707, Cl. 253—59.
- Graham, Earl W., to the United States of America as represented by the Secretary of War. 2,681,155, Cl. 210—169.
- Graham-Enock Manufacturing Company Limited, assignee: *See*—
Enock, Arthur G.
- Graham, George C., Ridgewood, N. J. Pump. Re. 23,793, Mar. 2.
- Graham, George K., to Radio Corp. of America. 2,682,572, Cl. 178—5.8.
- Graham, Glenn D., to General Electric Co. 2,686,372, Cl. 34—75.
- Graham, Harold A., Parma Heights, Ohio. Rotary fluid displacement mechanism. 2,670,688, Mar. 2.
- Graham, Harold J., to Graham Mfg. Corp. 2,683,040, Cl. 279—4.
- Graham, Harold J., to Graham Mfg. Corp. 2,685,630, Cl. 219—10.
- Graham, James M., and L. H. Segall, to Bendix Aviation. 2,676,509, Cl. 85—33.
- Graham Mfg. Corp.: *See*—
Graham, Harold J. 2,683,040.
Graham, Harold J. 2,685,630.
- Graham, Marion E., Parma, A. S. Henderson, Berea, and I. P. Whitehouse, South Euclid, assignors, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Preparation of ferrous chloride from iron oxide-containing material. 2,665,191, Jan. 5.
- Graham, Marion E., and E. A. Beidler, assignors, by mesne assignments, to Republic Steel Corporation. 2,677,593, Cl. 23—87.
- Graham, Marion E., and E. A. Beidler, assignors, by mesne assignments, to Republic Steel Corporation. 2,677,594, Cl. 23—87.
- Graham, Marion E., and E. A. Beidler, assignors, by mesne assignments, to Republic Steel Corporation. 2,677,595, Cl. 23—87.
- Graham, Marion E., and E. A. Beidler, assignors, by mesne assignments, to Republic Steel Corporation. 2,677,596, Cl. 23—87.
- Graham, Marion E., and E. A. Beidler, assignors, by mesne assignments, to Republic Steel Corporation. 2,677,597, Cl. 23—87.
- Graham, Marion E., and E. A. Beidler, assignors, by mesne assignments, to Republic Steel Corporation. 2,677,606, Cl. 75—0.5.
- Graham, Marion E., and E. A. Beidler, assignors, by mesne assignments, to Republic Steel Corporation. 2,677,607, Cl. 75—0.5.
- Graham, Muriel V. 2,678,516, Cl. 46—117.
- Graham, Ollie W., assignor to Instruments, Inc. 2,674,363, Cl. 198—37.
- Graham, Phillip. 2,695,716, Cl. 214—16.1.
- Graham, Richard W. 2,695,208, Cl. 312—39.
- Graham, Robert. 2,698,402, Cl. 315—36.
- Graham, Robert, Kilmarnock, Scotland, assignor to Shell Development Company, San Francisco, Calif. Coated metal product and producing same. 2,664,873, Jan. 5.
- Graham, Robert, Kilmarnock, Scotland, assignor to Shell Development Company, San Francisco, Calif. Coated metal products and producing same. 2,664,874, Jan. 5.
- Graham, Robert D., and W. T. Stockett, Jr.; said Graham assignor to the State of Oregon, acting by and through the Oregon State Board of Forestry. 2,684,089, Cl. 144—1.
- Graham, Robert E., Chatham, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Vertical synchronizing system. 2,668,873, Feb. 9.
- Graham, Robert E., Morristown, and C. F. Mattke, Fanwood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Servo system for non-intermittent film projectors. 2,666,356, Jan. 19.
- Graham, Robert E., Morristown, and C. F. Mattke, Fanwood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Optical system for non-intermittent film projectors. 2,666,357, Jan. 19.
- Graham, Robert E., Chatham, and C. W. Harrison, Gillette, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vertical synchronizing generator. 2,671,133, Mar. 2.
- Graham, Robert P., El Cerrito, G. H. Neel, Albany, and N. Fishman, Oakland, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Conditioning of limed pear waste. 2,670,289, Feb. 23.
- Graham, S. X., Co.: *See*—
Graham, Stanton F. 2,684,497.
- Graham, Seymour C., to Illinois Development Laboratories. 2,688,551, Cl. 99—92.
- Graham, Seymour C. 2,697,041, Cl. 99—89.
- Graham, Sidney. 2,688,425, Cl. 222—490.
- Graham, Stanton F., to S. X. Graham Co. 2,684,497, Cl. 15—132.5.
- Graham, William G.: *See*—
Graham, William J. and W. G. 2,697,894.

- Graham, William J. and W. G. 2,697,894, Cl. 43—24.
 Graham, William T., assignor to The First National Bank of Amarillo. 2,674,172, Cl. 97—47.84.
 Grabame, James H., Mount Vernon, K. E. Kavanagh, Douglaston, and T. H. Whaley, Jr., Mount Vernon, assignors to The Texas Company, New York, N. Y. Producing motor fuel from synthesis product. 2,671,104, Mar. 2.
 Grail, Godfrey F.: *See*—
 Scudi, John V., and Grail.
 Grambsch, Russel: *See*—
 Lipkin, Harry J., and Grambsch. 2,679,043.
 Grammer, Karl H., assignor of 24½% to G. E. Whitmore, and 24½% to R. D. Smith. 2,680,458, Cl. 143—168.
 Granat, Elie, assignor to Etablissements Saint Chamond-Granat, Paris, France. Reversible electromagnetic machine. 2,668,941, Feb. 9.
 Granat, Elie. 2,679,976, Cl. 235—61.
 Granatek, Alphonse P.: *See*—
 Buckwalter, Frank H., and Granatek. 2,682,538.
 Buckwalter, Frank H., and Granatek. 2,682,539.
 Buckwalter, Frank H., and Granatek. 2,682,540.
 Granatek, Alphonse P., and G. J. Boyle, to Bristol Laboratories, Inc. 2,681,906, Cl. 260—156.
 Granath, Axel G., to Herbert Simpson Corp. 2,681,738, Cl. 214—46.22.
 Granberg, Albert J., to Granberg Corp. 2,689,550, Cl. 121—69.
 Granberg, Albert J., Oakland, Calif. Impact responsive flow regulator valve. 2,670,756, Mar. 2.
 Granberg, Albert J. 2,698,158, Cl. 251—35.
 Granberg Corp.: *See*—
 Granberg, Albert J. 2,689,550.
 Granberry, Edgar H.: *See*—
 Waddle, Howard M., Etchison, Gibson, and Granberry. 2,687,689.
 Grand Sheet Metal Products Co.: *See*—
 Saunders, Henry B. 2,685,040.
 Grandam, Pierre M., to Office National d'Etudes et de Recherches Aeronautiques. 2,692,178, Cl. 346—74.
 Grandidge, John E., assignor to Kelvin & Hughes Limited. 2,678,561, Cl. 73—387.
 Grandjean, Philippe, and W. Wehrli, assignors to Sandoz A. G., Basel, Switzerland. Polyazo dyestuffs. 2,673,198, Mar. 23.
 Grandstaff, Clarence L., assignor to The C. A. Olson Manufacturing Company. 2,674,177, Cl. 98—38.
 Grandstaff, Otho D., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electronic ringing current generator. 2,667,632, Jan. 26.
 Grandstaff, Otho D., assignor to Automatic Electric Laboratories, Inc. 2,680,784, Cl. 179—84.
 Grand Union Company, The, assignee: *See*—
 Just, George A.
 Graner, Frank L., Cold Spring, N. Y., assignor to The Dorr Company, Stamford, Conn. Twin diaphragm pump with stress-relieved diaphragms. 2,667,129, Jan. 26.
 Grangaard, Donald H., Appleton, assignor to Paper Patents Company, Neenah, Wis. Impregnating cellulosic sheet. 2,665,221, Jan. 5.
 Grange, André. 2,682,999, Cl. 242—71.
 Granger, Louis V., assignee: *See*—
 Briers, Greville M. 2,679,356.
 Granger, William T.: *See*—
 Gehrke, Forrest E., and Granger. 2,677,782.
 Granlund, John: *See*—
 Arguimbau, Lawrence B., and Granlund. 2,674,690.
 Grannen, Francis E. 2,683,909, Cl. 24—109.
 Gransten, Folke. 2,690,805, Cl. 164—73.
 Grant, Archibald M., assignee: *See*—
 Grant, Arthur G. 2,678,089.
 Grant, Arthur G., assignor to A. M. Grant. 2,678,089, Cl. 157—126.
 Grant, Denison W. 2,690,941, Cl. 311—39.
 Grant, Edward D., and W. L. Ward. 2,692,524, Cl. 81—179.
 Grant, Eugene F., to Westinghouse Electric Corp. 2,686,875, Cl. 250—36.
 Grant, Gordon A.: *See*—
 Beall, Desmond, and Grant. 2,696,265.
 Grant, Harry C., Jr., Ridgewood, assignor to Specialties Development Corporation, Belleville, N. J. Fluid pressure medium dispensing system. 2,671,516, Mar. 9.
 Grant, Max L. 2,680,444, Cl. 133—1.
 Grant Oil Tool Co.: *See*—
 Emanuel, Vincent. 2,693,239.
 Salvatori, Henry, and Stewart. 2,695,771.
 Grant, Raymond S., Port Arthur, Tex. Oil ring. 2,670,252, Feb. 23.
 Grant, Richard H., and C. Marcus. 2,697,814, Cl. 324—158.
 Grant, Ulysses F.: *See*—
 Reynolds, Schuyler, and Grant. 2,694,571.
 Grant, William F., Hamilton, Ontario, Canada. Flush toilet accessory. 2,672,619, Mar. 23.
 Grant, William L., Kew Gardens, N. Y. Removable slider for slide fasteners. 2,666,970, Jan. 26.
 Grant, William T., Pasadena, Calif. Apparatus and method for recording graphically balance characteristics. 2,670,729, Mar. 2.
 Grantham, Charles R.: *See*—
 Pernecky, Paul, Jr., and Grantham. 2,677,413.
 Grantham, Cyril, to Power Jets (Research and Development) Ltd. 2,684,831, Cl. 253—39.15.
 Grantham, Glen, Portland, Oreg. Adjustable mounting for spectacles. 2,670,658, Mar. 2.
 Grantham, William G., to American Viscose Corp. 2,686,726, Cl. 99—176.
 Granville, Edward, assignee: *See*—
 Blythe, Allen W.
 Graphic Arts Research Foundation, Inc.: *See*—
 Caldwell, Samuel H.
 Higonnet, Rene. 2,678,712.
 Higonnet, René, and Moyroud. 2,678,713.
 Higonnet, René, and Moyroud. 2,682,814.
 Higonnet, René, and Moyroud. 2,690,249.
 Grasse, Arthur M., to Goodman Mfg. Co. 2,696,949, Cl. 241—236.
 Grasser, Donald F. 2,694,876, Cl. 43—42.09.
 Grassie, Vernon R., to Hercules Powder Co. 2,694,060, Cl. 260—230.
 Grassie, Vernon R., and C. R. Wallis, assignors to Hercules Powder Company. 2,680,737, Cl. 260—233.
 Grassl, Ludwig, assignor to Siemens & Halske, Aktiengesellschaft. 2,679,619, Cl. 317—235.
 Gratian, Joseph W., to Stromberg-Carlson Co. 2,697,135, Cl. 179—100.2.
 Graton & Knight Co.: *See*—
 Vigliatura, Louis E., Jr. 2,694,417.
 Grattan, George H., Van Dyke, assignor to No-Sag Spring Company, Warren Township, Mich. Spring for producing soft edges for sinuous springs. 2,673,598, Mar. 30.
 Gratzmuller, Jean L. 2,686,533, Cl. 137—510.
 Grau, Francisco L.: *See*—
 Alsina, Enrique N., and Grau.
 Grauer, Theodor, Goldach, assignor to Feldmühle A. G., Rorschach, Switzerland. Winding means for textile threads and support therefor. 2,670,905, Mar. 2.
 Graulich, Wilhelm, W. Becker, and O. Bayer, assignors to Farbenfabriken Bayer Aktiengesellschaft. 2,678,924, Cl. 260—29.6.
 Gravenhorst, Gordon P.: *See*—
 Jackson, Lester L., Gravenhorst, and Schupan. 2,682,200.
 Graver Tank & Mfg. Co., Inc., assignee: *See*—
 Allen, Marvin K., and Ulm.
 Meyer, Amel R.
 Meyer, Amel R., and Verbeek. 2,677,036.
 Ulm, Reign C.
 Ulm, Reign C., and Wetterstrom.
 Graves, Albert E., to Automatic Telephone & Electric Co. Ltd. 2,692,302, Cl. 178—46.
 Graves, Charles B., to Sefton Fibre Can Co. 2,681,284, Cl. 99—172.
 Graves, George T., Bedford, assignor to The Farval Corporation, Cleveland, Ohio. Lubricant measuring spray means. 2,667,236, Jan. 26.
 Graves, Loinel R., to Northrop Aircraft, Inc. 2,684,105, Cl. 154—1.6.
 Graves, Mark. 2,679,789, Cl. 93—93.
 Graves, Richard, Cape Coast, Gold Coast, British West Africa. Device for turning the pages of music. 2,666,353, Jan. 19.
 Graves, Virgil L., ½ to Emco Inc. 2,698,117, Cl. 224—7.
 Graveson, Robert T.: *See*—
 Di Giovanni, Hugo J., Graveson, and Yoli. 2,688,703.
 Gravier Mfg. Co. Ltd.: *See*—
 Glendinning, William G., and MacLennan. 2,693,240.
 Hansard, Douglas A., and Bennett.
 Mathisen, Anders. 2,683,194.
 Gravitt, Victor, Chickamauga, Ga., assignor to Page Belting Company, Concord, N. H. Picker check strap. 2,666,455, Jan. 19.
 Gravley, Charles K., to Clevite Corp. 2,696,651, Cl. 25—156.
 Gravrogas, Julius. 2,686,375, Cl. 35—19.
 Gray, Alfred R., to Guild Le Lacheur. 2,695,402, Cl. 340—258.
 Gray, Alvin N., assignor to Western Electric Company, Incorporated. 2,676,564, Cl. 118—325.
 Gray, Alvin N., to Western Electric Co., Inc. 2,689,399, Cl. 29—183.5.
 Gray, Alvin N., to Western Electric Co., Inc. 2,695,422, Cl. 18—13.
 Gray, Alvin N., and G. E. Murray, to Western Electric Co., Inc. 2,686,859, Cl. 204—28.
 Gray, Alvin N., and V. A. Rayburn, to Western Electric Co. 2,688,767, Cl. 18—6.
 Gray, C. C.: *See*—
 Watts, Rhea N., and Gray.
 Gray, Charles B., deceased; R. Gray, executrix. 2,676,403, Cl. 30—241.
 Gray, Charles E., Tolleson, assignor to Phoenix Engineering & Mfg. Company, Phoenix, Ariz. Universal bumper hitch. 2,666,654, Jan. 19.
 Gray, Daniel M., and G. L. Reymann, assignors to Stoner-Mudge, Inc. 2,675,334, Cl. 117—132.
 Gray, Ernest F. 2,694,299, Cl. 63—14.
 Gray, Frank, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Code selector. 2,669,706, Feb. 16.

- Gray, G. A., Co., The: *See*—
Walter, John M. 2,685,727.
- Gray, George W., and A. S. Jensen, to Radio Corp. of America. 2,684,442, Cl. 250—27.
- Gray, Glen G., and P. R. Trout, assignors to Eastman Kodak Company, Rochester, N. Y. Post processing curl control for photographic prints. 2,673,154, Mar. 23.
- Gray, Harold, assignor to The B. F. Goodrich Company. 2,679,277, Cl. 152—330.
- Gray, Harold W., Jr.: *See*—
Menaull, Paul L., and Gray. 2,681,889.
- Gray, Harry Z. 2,680,038, Cl. 294—87.2.
- Gray, Harry Z. 2,687,839, Cl. 229—31.
- Gray, Harry Z. 2,689,061, Cl. 220—113.
- Gray, Homer A.: *See*—
Wichmann, George F., and Gray. 2,698,006.
- Gray, Howard E., Toronto, Ontario, Canada. Table tennis bat. 2,665,908, Jan. 12.
- Gray, James W., and T. F. Johnson, Petersburg, Ill. Gas detector. 2,673,339, Mar. 23.
- Gray, John W.: *See*—
Garman, Raymond L., Droz, and Gray.
- Gray, John W., to General Precision Laboratory Inc. 2,682,023, Cl. 317—253.
- Gray, John W., to the United States of America as represented by the Secretary of the Navy. 2,686,264, Cl. 250—27.
- Gray, John W., to General Precision Laboratory Inc. 2,695,988, Cl. 332—44.
- Gray, John W., to General Precision Laboratory Inc. 2,696,557, Cl. 250—27.
- Gray, John W., to General Precision Laboratory Inc. 2,696,946, Cl. 235—61.
- Gray, John W., and E. B. Hales. 2,688,440, Cl. 235—61.
- Gray, Joseph L., to the United States of America as represented by the Secretary of the Navy. 2,695,494, Cl. 60—35.6.
- Gray, Julian A.: *See*—
Knot, Paul A. 2,697,369.
- Gray, Kenneth R., to Rayonier Inc. 2,686,132, Cl. 106—163.
- Gray, Kenneth R., H. L. Crosby, and J. C. Steinberg, assignors to Rayonier Incorporated. 2,675,297, Cl. 23—63.
- Gray, Kenneth R., and B. B. Thomas, and P. H. Schlosser, deceased (by E. S. Schlosser, executrix), to Rayonier Inc. 2,692,877, Cl. 260—229.
- Gray, Landon R., and H. P. Smith, Jr., assignors to R. Seifried. 2,676,639, Cl. 153—32.
- Gray, Leo. 2,689,958, Cl. 2—227.
- Gray Mfg. Co., The: *See*—
Foster, William C. 2,683,605.
- Gray Marine Motor Company, assignee: *See*—
Gay, William H., and Engstrom.
- Gray, Peter R.: *See*—
Peppard, Donald F., and Gray. 2,683,655.
- Gray, Philip P., Forest Hills, assignor to Wallerstein Company, Inc., New York, N. Y. Making bakery products and composition therefor. 2,665,215, Jan. 5.
- Gray, Richard L., Jr., assignor to Walrus Manufacturing Company. 2,674,510, Cl. 312—222.
- Gray, Robert A., Jr., assignor to Mueller Brass Company, Port Huron, Mich. Liquid line indicator. 2,664,846, Jan. 5.
- Gray, Robert B., to Erie Resistor Corp. 2,695,275, Cl. 260—8.
- Gray, Robert F., to Injection Molding Co. 2,681,097, Cl. 154—42.
- Gray, Ronald A., Flint, Mich. Paper holder. 2,673,693, Mar. 30.
- Gray, Rosa, executrix: *See*—
Gray, Charles B. 2,676,403.
- Gray, Russell H., to E. I. du Pont de Nemours and Co. 2,694,637, Cl. 95—7.
- Gray, Russell J. 2,678,006, Cl. 103—178.
- Gray, Russell J. 2,690,761, Cl. 137—495.
- Gray, Truman G., Greenville, assignor to R. J. Higginbotham, Charlotte, N. C. Feed roll mounting for carding machines. 2,667,665, Feb. 2.
- Gray, William H.: *See*—
Coombs, Maurice M., and Gray. 2,691,657.
- Graybeal, Bruce A., Conowingo, Md., assignor to Johns-Manville Corporation, New York, N. Y. Fluid distributor. 2,666,444, Jan. 19.
- Graybeal, John O., assignor to Kaiser Aluminum & Chemical Corporation. 2,680,142, Cl. 13—18.
- Graybill, Hershey R., assignor to Radio Corporation of America. 2,674,679, Cl. 219—6.
- Graybill, Howard W.: *See*—
Wallace, James M., and Graybill.
- Graybill, Kenneth W., and H. Sengebusch, assignors to Automatic Electric Laboratories, Inc. 2,680,783, Cl. 179—27.54.
- Graybill, Paul J., New Haven, Conn. Safety razor. 2,668,350, Feb. 9.
- Graybill, assignee: *See*—
Scherry, George A. 2,675,583.
- Grayson, John H., to General Controls Co. 2,693,200, Cl. 137—613.
- Grayum, John C. 2,687,042, Cl. 73—401.
- Graziano, Victor, Oak Park, assignor to Motorola, Inc., Chicago, Ill. Antenna. 2,667,577, Jan. 26.
- Grazier, Doré W., assignor to United States Steel Corporation. 2,676,834, Cl. 294—74.
- Graziosi, Michael. 2,692,316, Cl. 200—115.5.
- Great Lakes Carbon Corp.: *See*—
Bollaert, Armand R., and Neu.
- Juel, Leslie H. 2,683,107.
- Kenney, John W., Jr., and Girard. 2,695,839.
- Leppla, Paul W. 2,695,840.
- Mrozowski, Stanislaw. 2,682,686.
- Shea, Frederick L., Jr., and Hsu. 2,698,251.
- Shea, Frederick L., Jr., and Hsu. 2,698,256.
- Woodburn, James, and Lynch. 2,685,539.
- Woodburn, James, and Lynch. 2,685,540.
- Woodburn, James, and Lynch. 2,685,541.
- Woodburn, James, and Lynch. 2,685,542.
- Great Western Sugar Company, The, assignee: *See*—
Oxnard, Benjamin A., Criswell, and Thomas.
- Greaves, Charles D., and B. R. Atkins, assignors to C. D. Patents Limited, London, England. Producing carbonaceous molding compositions. 2,673,812, Mar. 30.
- Greaves, Charles D., and W. D. Parker, assignors to C. D. Patents Limited. 2,674,763, Cl. 18—47.5.
- Grebe, Konrad. 2,694,484, Cl. 198—196.
- Grebe, Konrad. 2,695,764, Cl. 248—356.
- Greber, George W. 2,696,705, Cl. 56—26.
- Greco, Guido, to Montecatini Società Generale per l'Industria Mineraria e Chimica Anonima. 2,682,505, Cl. 204—284.
- Greedy, Edwin F.: *See*—
Schaaf, Edward J., and Greedy. 2,676,450.
- Green, Barrett K., assignor to The National Cash Register Company. 2,675,332, Cl. 117—69.
- Green, Carl D., Brush Prairie, Wash. Device for combining the shock-absorbing and limiting action in couplings. 2,665,903, Jan. 12.
- Green, Charles M., Jr., to F. W. Taylor. 2,683,356, Cl. 62—106.
- Green, Charles M., Jr., to F. W. Taylor. 2,683,359, Cl. 62—114.
- Green, Clarence J., to Norton Co. 2,694,881, Cl. 51—96.
- Green, Daniel A., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Gas mask. 2,664,887, Jan. 5.
- Green, Daniel A., and G. H. Deike, Jr., assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Annular support for rigid protective hats. 2,665,422, Jan. 12.
- Green, Donald T., and C. S. McCollm, assignors, by mesne assignments, to Atomic Energy of Canada Limited. 2,675,486, Cl. 250—105.
- Green, Duane W. 2,682,072, Cl. 15—184.
- Green, Frederick H., to The Garrett Corp. 2,693,088, Cl. 62—6.
- Green, George E. 2,679,254, Cl. 135—1.
- Green, George K., Henrietta, N. Y. assignor to Stromberg-Carlson Company. Control knob and shaft connection. 2,670,227, Feb. 23.
- Green, Hoyt A., Sr.: *See*—
Bethune, George R., Jr., and Green. 2,682,096.
- Green, Irving, to The M. W. Kellogg Co. 2,686,767, Cl. 260—29.6.
- Green, James M., Hayti, S. Dak. Device for removing quicksand, silt, or the like from wells. 2,665,767, Jan. 12.
- Green, John C. C. 2,674,230, Cl. 121—38.
- Green, John H., to United States Steel Corp. 2,694,515, Cl. 226—34.
- Green, Lee B., Lakewood, Ohio. Metal working press with slide aligning mechanism. 2,670,676, Mar. 2.
- Green, Lee B. 2,692,633, Cl. 153—48.
- Green, Lee B. 2,692,634, Cl. 153—48.
- Green, Maurice R., 1/2 to The Ibbett Engineering Co. Ltd. 2,681,811, Cl. 280—44.
- Green, Paul R., and F. J. Chmiel, to Standard Oil Development Co. 2,686,046, Cl. 261—114.
- Green, Robert H., to The Otto Konigsloew Mfg. Co. 2,686,248, Cl. 219—29.
- Green, Robert H., and S. A. Brackett, assignors to Monroe Auto Equipment Company, Monroe, Mich. Resilient suspension for farm implements. 2,664,805, Jan. 5.
- Green, Stanley S., to Duncan Electric Mfg. Co. 2,681,835, Cl. 308—1.
- Green, Sydney R., London, England. Weighing balance. 2,668,044, Feb. 2.
- Green, Victor J. 2,679,395, Cl. 272—1.
- Green, Walter F., assignor to The Timken Roller Bearing Company, Canton, Ohio. Hydraulically controlled fluid driven reciprocating actuator. 2,664,859, Jan. 5.
- Green, Wilbur E. 2,693,330, Cl. 244—153.
- Green, Willard E., to Joy Mfg. Co. 2,696,414, Cl. 309—29.
- Green, William. 2,693,130, Cl. 88—24.
- Green, William G., Denison, Tex., assignor to A. V. Dayton Engineering Corp., Tulsa, Okla. Apparatus for calibrating pressure gauges. 2,672,750, Mar. 23.
- Green, William G., assignor to A. V. Dayton Engineering Corporation. 2,676,265, Cl. 250—43.5.
- Green, Willis E. 2,689,890, Cl. 200—61.13.
- Green, Willis J.: *See*—
Warne, Theodore R. 2,697,949.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. 2,694,887, Cl. 51—248.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. 2,694,938, Cl. 74—356.
- Greenawalt, Eddie L. 2,682,962, Cl. 214—653.
- Greenawalt, Frederick A., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,671,136, Mar. 2.

- Greenawalt, John E., Bronxville, N. Y. Method and apparatus for recovering chemical products from waste materials. 2,673,787, Mar. 30.
- Greenberg, Benjamin A.: *See—*
Fitts, Brady E. 2,686,537.
- Greenberger, Joseph I., assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Indexing mechanism. 2,671,274, Mar. 9.
- Greenblatt, Hyman, assignee: *See—*
Sabbagh, Mitchell.
- Greene, Albert J.: *See—*
Cooper, Robert H., and Greene. 2,695,904.
- Greene, Benjamin N., and T. Wichner, $\frac{1}{2}$ to B. Abrin. 2,685,133, Cl. 32—2.
- Greene, Charles C., and C. V. Johnson, Yates Center, Kans. Crutch with adjustable handgrip. 2,669,244, Feb. 16.
- Greene, Charles C., and C. V. Johnson, Yates Center, Kans. Adjustable crutch. 2,670,748, Mar. 2.
- Greene, Edgeworth, Great Notch, assignor to Inter-Seal Corporation, Spring Lake, N. J. Nonrefillable closure. 2,673,655, Mar. 30.
- Greene, Glenn G., Jr., Warren, Pa. Connector for brooms, brushes, mops, and the like. 2,670,250, Feb. 23.
- Greene, Harry R.: *See—*
Abrams, Nicholas, and Greene.
- Greene, Haskell M., Whittier, Calif. Well pump filter attachment. 2,665,643, Jan. 12.
- Greene, Haskell M. 2,666,258, Cl. 166—63.
- Greene, Haskell M. 2,696,259, Cl. 166—63.
- Greene, John H. 2,676,407, Cl. 32—5.
- Greene, Oliver W., Jr., to Greene Plastics Corp. 2,689,645, Cl. 266—66.
- Greene Plastics Corp.: *See—*
Greene, Oliver W., Jr. 2,689,645.
- Greene, William J., to Air Reduction Co. 2,689,332, Cl. 324—36.
- Greene, William L., to Engineering & Research Corp. 2,680,948, Cl. 60—35.6.
- Greenfield, Alexander: *See—*
Clayton, Joseph F., and Greenfield. 2,682,000.
- Greenfield, Alexander, assignor to Bendix Aviation Corporation. 2,680,240, Cl. 340—183.
- Greenfield, Theodore: *See—*
Arvin, James A., and Greenfield. 2,686,164.
- Greengold, Isidore, New York, N. Y. Garment bag and supporting frame. 2,671,706, Mar. 9.
- Greenhalgh, Milton S., Bridgeport, Conn., assignor to General Electric Company. Insulation for electrical conductors. 2,667,464, Jan. 26.
- Greenhalgh, Milton S., and S. C. Martens, assignors to General Electric Company. 2,674,546, Cl. 117—128.4.
- Greenhalgh, Robert K.: *See—*
Levy, Norman, and Greenhalgh. 2,683,753.
- Greenhaus, Albert, Brooklyn, assignor, by mesne assignments, to A. Bernstein, New York, N. Y. Noisemaking toy tool. 2,672,707, Mar. 23.
- Greenhut, James. 2,697,293, Cl. 40—125.
- Greenlaw, Harold: *See—*
Church, Albert, and Greenlaw. 2,696,401.
- Greenlaw, Harold, L. W. Cavalli, and C. A. Reyna, to Edlo, Inc. 2,694,596, Cl. 294—87.2.
- Greenleaf, Nathaniel B., and L. C. Webster, Toronto, Ontario, Canada, assignors to Sponge Products Corporation, Chicago, Ill. Self-wringing mop. 2,666,939, Jan. 26.
- Greenleaf, Walter J. 2,688,179, Cl. 29—96.
- Greenleaf, Walter J. 2,690,609, Cl. 29—96.
- Greenleaf, Walter J. 2,693,019, Cl. 29—96.
- Greenleaf, Walter J. 2,697,866, Cl. 29—96.
- Greenlee, Delbert L.: *See—*
Zimmerman, Haven M., and Greenlee.
- Greenlee, Harry R., to Chrysler Corp. 2,687,198, Cl. 192—113.
- Greenlee, Sylvan O., Racine, Wis., assignor to Devoe & Reynolds Company, Inc., Louisville, Ky. Compositions comprising polyepoxides and polyhydric phenol polyether alcohols having terminal phenolic groups. 2,668,805, Feb. 9.
- Greenlee, Sylvan O., Racine, Wis., assignor to Devoe & Reynolds Company Inc., Louisville, Ky. Epoxide compositions. 2,668,807, Feb. 9.
- Greenlee, Sylvan O., to Devoe & Reynolds Co., Inc. 2,694,694, Cl. 260—47.
- Greenlee, Sylvan O., to Devoe & Reynolds Co., Inc. 2,698,315, Cl. 260—47.
- Greenlee, William B.: *See—*
Schmitt, Otto H., and Greenlee.
- Greenmun, Leo S. 2,687,327, Cl. 296—44.
- Greensfelder, Bernard S.: *See—*
Good, George M., Gibson, and Greensfelder.
- Greensfelder, Bernard S., and R. J. Moore, assignors to Shell Development Company. 2,674,634, Cl. 260—666.
- Greenshields, Robert O., and J. G. Kay, assignors to The Budd Company. 2,675,848, Cl. 153—28.
- Greenshields, Robert O., and J. G. Kay, assignors to The Budd Company. 2,675,849, Cl. 153—54.
- Greenspan, Frank P., and R. J. Gall, to Buffalo Electro-Chemical Co., Inc. 2,684,353, Cl. 260—45.75.
- Greenspan, Frank P., and R. J. Gall, to Buffalo Electro-Chemical Co., Inc. 2,692,271, Cl. 260—348.5.
- Greenspan, George: *See—*
Pagano, Joseph F., and Greenspan. 2,695,864.
- Greenspan, Lawrence. 2,675,348, Cl. 204—297.
- Greenwald, Fred A.: *See—*
Wurtz, John W., and Greenwald. 2,686,747.
- Greenwald, Fred A., assignor to Arrowhead Rubber Co. 2,674,297, Cl. 154—8.
- Greenwald, Harry, Blauvelt, assignor to Robco Corporation, New York, N. Y. Coin collecting device with short and long time operation. 2,672,968, Mar. 23.
- Greenwald, Harry, Blauvelt, assignor to Robco Corporation, New York, N. Y. Coin controlled timer. 2,672,969, Mar. 23.
- Greenwalt, Lowell G., $\frac{1}{2}$ to L. F. Wasem. 2,685,451, Cl. 280—95.
- Greenwell, Howard E.: *See—*
Bilhartz, Harrell L., and Greenwell.
Bilhartz, Harrell L., and Greenwell. 2,674,756.
- Greenwood, Arthur B.: *See—*
Simenson, Louis O., Carpenter, and Greenwood. 2,681,737.
- Greenwood, Dolphice H., Pasadena, Calif. Valve. 2,665,714, Jan. 12.
- Greenwood, Ernest J., R. I. Sears, and P. S. Thorjusen, to the United States of America as represented by the Secretary of the Navy. 2,698,149, Cl. 244—113.
- Greenwood, Hal, Inc., assignee: *See—*
Greenwood, Hal M. 2,676,732.
- Greenwood, Hal M., assignor to Hal Greenwood, Inc. 2,676,732, Cl. 222—86.
- Greenwood, Henry B. 2,677,971, Cl. 74—395.
- Greenwood, Ivan A., Jr.: *See—*
Chance, Britton, and Greenwood.
- Greenwood, Kenneth M., and E. W. Mazerall, to Halross Instruments Corp. Ltd. 2,693,575, Cl. 324—61.
- Greenwood, Raymond R. 2,682,215, Cl. 97—188.
- Greenwood, Shirley M.: *See—*
Simenson, Louis O., Carpenter, and Greenwood. 2,681,737.
- Greer, Alvis E. 2,683,664, Cl. 99—2.
- Greer, Edward M., assignor to Greer Hydraulics, Inc. 2,677,238, Cl. 60—51.
- Greer, Edward M., to Greer Hydraulics, Inc. 2,683,467, Cl. 138—31.
- Greer, Edward M., to Greer Hydraulics, Inc. 2,691,350, Cl. 103—162.
- Greer, Edward M., West Hempstead, and C. R. Wetterau, Huntington, assignors to Greer Hydraulics, Inc., Brooklyn, N. Y. Servicing equipment for lubricating systems. 2,665,772, Jan. 12.
- Greer, Edward M., and T. F. Comer, to Greer Hydraulics, Inc. 2,688,981, Cl. 137—625.43.
- Greer, Fred W., assignor to J. W. Greer Company. 2,680,423, Cl. 118—16.
- Greer, Homer C., Sr., and W. G. Webb. 2,687,606, Cl. 56—25.
- Greer Hydraulics, Inc.: *See—*
Greer, Edward M. 2,677,238.
Greer, Edward M. 2,683,467.
Greer, Edward M. 2,691,350.
Greer, Edward M., and Comer. 2,688,981.
Greer, Edward M., and Wetterau.
- Greer, J. W., Co.: *See—*
Greer, Fred W. 2,680,423.
- Kinney, Lawrence W., and Grace. 2,685,955.
- Greer, Leonard: *See—*
Matthysse, Irving F., and Greer. 2,695,348.
- Gregerson, Owen L., Gunnison, Utah. V-type ditching machine adjustment. 2,669,040, Feb. 16.
- Gregg, Edward B., assignee: *See—*
Steiner, Philip H.
- Gregg, Hendrick J. 2,684,073, Cl. 134—105.
- Gregg, James V.: *See—*
Taylor, James, and Gregg.
- Gregg, Ward M., Lodi, Calif. Reel for motion-picture film. 2,670,202, Feb. 23.
- Gregoire, Theophile R.: *See—*
Shaw, William, MacLean, and Gregoire. 2,681,478.
- Gregoire, Jean A. 2,697,600, Cl. 267—61.
- Gregory, Charles E., Chicago, Ill. Direct drive transmission with automatically load responsive range of low gear ratios. 2,667,089, Jan. 26.
- Gregory, Charles E., to Bendix Aviation Corp. 2,684,741, Cl. 192—67.
- Gregory & Falk: *See—*
Gregory, Vernon L. 2,690,395.
Gregory, Vernon L., and MacDonnell. 2,677,611.
- Gregory, Hardy E., assignor to The American Brass Company. 2,676,123, Cl. 148—11.5.
- Gregory, Horace G., Sioux Falls, S. Dak. Leaf gathering and disposal machine. 2,669,078, Feb. 16.
- Gregory Industries, Inc.: *See—*
Singleton, Robert C. 2,686,687.
- Gregory, James N., assignor to Shell Development Company. 2,674,379, Cl. 214—2.5.
- Gregory, James N., to Shell Development Co. 2,681,795, Cl. 255—1.4.
- Gregory, James T., to The B. F. Goodrich Co. 2,691,015, Cl. 260—243.
- Gregory, Jess, Lorenzo, Tex. Irrigation system, including pumping means and cooling means therefor. 2,672,733, Mar. 23.
- Gregory, Jon. 2,692,168, Cl. 304—17.
- Gregory, Marvin H., Roanoke, Va. Dusting tool. 2,665,446, Jan. 12.

- Gregory, Mode, assignee: *See*—
Stallcup, Furman P.
- Gregory, Paul, and M. Genas. 2,687,948, Cl. 23—252.
- Gregory, Vernon L., to Gregory & Falk. 2,690,395, Cl. 95—7.
- Gregory, Vernon L., and L. R. MacDonnell, assignors, by mesne assignments, to Gregory & Falk. 2,677,611, Cl. 95—7.
- Gregory, Walter A., assignor to E. I. du Pont de Nemours and Company. 2,680,120, Cl. 260—349.
- Gregory, Walter A., assignor to E. I. du Pont de Nemours and Company. 2,680,134, Cl. 260—543.
- Gregory, Walter A., assignor to E. I. du Pont de Nemours and Company. 2,680,135, Cl. 260—556.
- Gregory, Walter A., Wilmington, and E. C. Hermann, Willow Run, Wilmington, assignors to E. I. du Pont de Nemours and Company, Wilmington, Del. Girard derivatives of 5-halo-salicylaldehydes. 2,670,348, Feb. 23.
- Greider, Clarence E., and M. R. Null, to Union Carbide and Carbon Corp. 2,692,205, Cl. 106—162.
- Greif Bros. Cooperage Corp., The: *See*—
Lewis, Herman O. 2,694,326.
- Greig, Harold G., to Radio Corp. of America. 2,683,111, Cl. 204—2.
- Greig, Harold G., to Radio Corp. of America. 2,691,587, Cl. 95—88.
- Greig, James W., assignor to Woodall Industries, Inc., Detroit, Mich. Panel molding and assembly thereof. 2,664,596, Jan. 5.
- Greig, James W., assignor to Woodall Industries, Inc., Detroit, Mich. Sliding panel and mounting. 2,664,598, Jan. 5.
- Greiner, Arno: *See*—
Wiener, Charles, Camarata, and Greiner. 2,696,697.
- Greiner, Arno, and O. R. Wollentin, to Westinghouse Electric Corp. 2,686,539, Cl. 140—71.5.
- Greiner, Arno, and O. R. Wollentin, to Westinghouse Electric Corp. 2,693,204, Cl. 140—71.5.
- Greiner, Charles J., and R. N. Sabee, assignors to International Cellucotton Products Co. 2,675,747, Cl. 93—93.
- Greiner, Charles J., J. M. Graef, H. A. Collins, W. H. Burger, and R. N. Sabee, to International Cellucotton Products Co. 2,690,597, Cl. 19—144.5.
- Greiner, Emil, Company, The, assignee: *See*—
Gilmont, Roger. 2,679,759.
- Gilmont, Roger, and Hamilton.
- Greiner, Harold F.: *See*—
Chambers, Albert M., Jr., Greiner, and Wizeman.
- Greiser, Howard A. 2,684,559, Cl. 51—12.
- Greist Mfg. Co., The: *See*—
Baehr, Carl G.
- Johnson, Harry N. 2,697,992.
- Russell, Herbert H. 2,691,950.
- Greitzer, Meyer, Beverly Hills, Calif. Means for connecting chair back rests to tubular structural ends. 2,668,584, Feb. 9.
- Grekel, Howard, assignor to Stanolind Oil and Gas Co. 2,681,882, Cl. 202—42.
- Grekel, Howard, B. S. Pace, and J. D. Ireland, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Extractive distillation process. 2,670,324, Feb. 23.
- Grélat, Maurice, Basel, and W. Kern, Sissach, assignors to Ciba Limited, Basel, Switzerland. Anthrimide carbazole. 2,672,462, Mar. 16.
- Greminger, George K., Jr.: *See*—
Calkins, Myron E., and Greminger. 2,697,666.
- Gremm, Alfred: *See*—
Esser, Paul, Stutzer, and Gremm. 2,684,422.
- Gren, Elmer. 2,691,911, Cl. 81—88.
- Grenall, Alexander, Yorba Linda, assignor to Union Oil Company of California, Los Angeles, Calif. Polyhydroxy-ether addition compounds with metal salts. 2,666,774, Jan. 19.
- Grenell, Leland H., to Olin Industries, Inc. 2,690,002, Cl. 29—157.3.
- Grenier, Gerard C. 2,689,033, Cl. 197—189.
- Grenier, Joseph A. R., Montreal, Quebec, Canada. Egg carton. 2,669,380, Feb. 16.
- Greppin, Ernest H., assignor to Wilmot Castle Company, Rochester, N. Y. Explosion-proof light having a pressure relieving porous element. 2,665,369, Jan. 5.
- Gresham, Harold E., M. A. Wheeler, and A. Dunlop, assignors to Rolls-Royce Limited. 2,677,631, Cl. 148—12.7.
- Gresham, John M.: *See*—
Armstrong, Everett D., and Gresham. 2,690,006.
- Gresham, William F.: *See*—
Livermont, Frank W., Collins, and Gresham. 2,688,181.
- Livermont, Frank W., Collins, and Gresham. 2,688,297.
- Gressly, Kuno E., to Ursina A. G. 2,682,827, Cl. 99—251.
- Gressly, Kuno E., to Alpura A. G. 2,690,329, Cl. 259—4.
- Gretener, Edgar, assignee: *See*—
Frey, Hans J. 2,677,030.
- Gretener, Edgar. 2,688,271, Cl. 88—24.
- Gretener, Edgar. 2,689,298, Cl. 240—3.
- Gretton, John F.: *See*—
Whitaker, Jesse L. 2,689,701.
- Grettve, Karl E. L., Lilla Edet, Sweden. Apparatus and method for creping paper. 2,667,910, Feb. 2.
- Gretz, William E. 2,696,115, Cl. 73—343.
- Gretzinger, John R., to General Motors Corp. 2,685,371, Cl. 210—187.
- Gretzinger, John R., to General Motors Corp. 2,689,652, Cl. 210—169.
- Greulich, Karl, Frankfurt am Main, Germany, assignor to Landis & Gyr, A. G. Sensitive indicating electric meter. 2,669,215, Feb. 16.
- Grewe, Edward H., and O. C. Schilling. 2,678,848, Cl. 299—150.
- Grey, David S., to Polaroid Corp. 2,684,015, Cl. 88—57.
- Grey, Steve: *See*—
Webster, Willard C., and Grey. 2,680,316.
- Grey, Victor A., to Kartridg-Pak Machine Co. 2,686,927, Cl. 17—1.
- Grey, Victor A., to Kartridg-Pak Machine Co. 2,689,971, Cl. 17—1.
- Greyhound Corp., The: *See*—
Dean, Milo M., and Thunstrom. 2,689,013.
- Dean, Milo M., Thunstrom, and Ruic. 2,682,928.
- Strickler, Kenneth H., and Kutz. 2,682,770.
- Thunstrom, Nils A., and Ruic. 2,682,942.
- Griak, Mike, and A. O. Hammer. 2,691,910, Cl. 81—63.
- Gribbins, Myers F., to E. I. du Pont de Nemours and Co. 2,687,354, Cl. 99—2.
- Gribskov, Leslie K., and O. N. Petersen. 2,680,040, Cl. 294—87.2.
- Gribskov, Leslie K., and O. N. Peterson. 2,680,041, Cl. 294—87.24.
- Gridley, Darrin H. 2,680,241, Cl. 340—206.
- Gridley, George O., to The New Britain Machine Co. 2,695,096, Cl. 203—150.
- Grieco, Daniel J.: *See*—
Howes, Irving C., and Grieco. 2,695,429.
- Griefen, Richard A., assignor to Raytheon Manufacturing Company. 2,678,837, Cl. 286—11.14.
- Griemsmann, John W. E.: *See*—
Weber, Ernst, Griemsmann, and Johnson.
- Weber, Ernst, and Griemsmann. 2,689,294.
- Griemsmann, John W. E., to the United States of America as represented by the Secretary of the Navy. 2,686,295, Cl. 324—95.
- Griep, John, Lincoln Park, Mich. Punch device for cutting irregular holes. 2,670,795, Mar. 2.
- Grier, John A., New York, N. Y. Apparatus for proportioning the delivery of liquids. 2,671,462, Mar. 9.
- Grier, Nathaniel, to Dar-Syn Laboratories, Inc. 2,689,850, Cl. 260—283.
- Grieshaber, Herman R. 2,693,795, Cl. 128—20.
- Griesheimer, Rudolph N.: *See*—
Bowers, Dana W., Jr., and Griesheimer. 2,677,109.
- Griess, Gerald A., to The Dow Chemical Co. 2,683,127, Cl. 260—23.7.
- Grieve, George P., Glenview, and T. L. Hendry, Wood Dale, Ill. Drying oven. 2,671,280, Mar. 9.
- Grieve, George T. W.: *See*—
Packer, Johnson L., and Grieve.
- Griff, Robert D.: *See*—
Bozeman, Virgil F., Sr., Walz, Griff, and Clausen.
- Griffeth, Jacob W., Portland, Oreg. Garden plant shade. 2,673,420, Mar. 30.
- Griffin, Arthur L. 2,696,984, Cl. 273—116.
- Griffin, Bryant W., assignee: *See*—
Townes, Edward J.
- Griffin, Dewey J. 2,674,216, Cl. 113—52.
- Griffin, Donald N., to The Deister Concentrator Co. 2,696,298, Cl. 209—159.
- Griffin, Eugene L., assignor to Eastern Industries, Incorporated. 2,680,636, Cl. 287—119.
- Griffin, Francis R., to Koppers Co., Inc. 2,694,603, Cl. 299—120.
- Griffin, Guy G., to Crouse-Hinds Co. 2,682,952, Cl. 210—45.
- Griffin, Herman L. 2,691,747, Cl. 317—23.
- Griffin, James J., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical measuring apparatus. 2,671,203, Mar. 2.
- Griffin, John A., Salt Lake City, Utah. Handgrip. 2,672,342, Mar. 16.
- Griffin, Lawrence C., Akron, Ohio. Chuck-key holder and safety device for power tools. 2,666,104, Jan. 12.
- Griffin, Robert G.: *See*—
Snyder, Wesley J., Griffin, and Dominick. 2,680,524.
- Griffin, Robert H., Yonkers, assignor to Tanners' Research Corporation, New York, N. Y. Transfer device for conveyers. 2,664,731, Jan. 5.
- Griffin, Robert H., Crestwood, Yonkers, assignor to Tanners' Research Corporation, New York, N. Y. Hide treating apparatus. 2,666,317, Jan. 19.
- Griffin, Robert H., Yonkers, N. Y. Fluid pressure treatment of skins. 2,669,111, Feb. 16.
- Griffin, Robert H., Crestwood, Yonkers, assignor to Tanners' Research Corporation, New York, N. Y. Hide treating apparatus. 2,669,112, Feb. 16.
- Griffin, Robert H., assignor to Tanners' Research Corporation. 2,674,832, Cl. 51—76.
- Griffin, Robert H., to Tanners Research Corp. 2,685,209, Cl. 74—241.
- Griffin, Robert H., to Tanners' Research Corp. 2,686,414, Cl. 69—41.
- Griffin, Robert H. 2,686,415, Cl. 69—41.
- Griffin, Robert H., to Tanners' Research Corp. 2,686,586, Cl. 198—20.

- Griffin, Robert H. 2,689,435, Cl. 51—72.
 Griffin, Roger L., assignor, by mesne assignments, to Swift & Company. 2,676,412, Cl. 33—148.
 Griffin Specialty Co.: *See—*
 Griffin, Thomas C. Re. 23,906.
 Griffin, Thomas C., to Griffin Specialty Co. Re. 23,906, Cl. 282—29.
 Griffin, William C., West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del. Aqueous solution inert to gelatin. 2,667,268, Jan. 26.
 Griffin, William C., West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del. Mixed higher polyoxyalkylene ethers of hexitols. 2,673,882, Mar. 30.
 Griffin, William C., to Atlas Powder Co. 2,694,021, Cl. 117—139.5.
 Griffin, William C., West Chester, Pa., and R. W. Behrens, Newport, assignors to Atlas Powder Company, Wilmington, Del. Apparatus for emulsion observation. 2,673,484, Mar. 30.
 Griffin, William C., West Chester, Pa., and R. W. Behrens, Stanton, assignors to Atlas Powder Company, Wilmington, Del. Shaker apparatus. 2,673,722, Mar. 30.
 Griffith, C. N.: *See—*
 Soldevila Abellanet, Francisco. 2,693,759.
 Griffith, Alan A., to Rolls-Royce Ltd. 2,683,962, Cl. 60—35.6.
 Griffith, Alan A., to Rolls-Royce Ltd. 2,696,075, Cl. 60—35.6.
 Griffith, Carroll L.: *See—*
 Komarik, Stephan L., and Griffith. 2,688,151.
 Komarik, Stephan L., and Griffith. 2,688,555.
 Komarik, Stephan L., and Griffith. 2,688,556.
 Griffith, Clayton O., to Standard Oil Development Co. 2,696,112, Cl. 73—155.
 Griffith, Earl G. 2,696,316, Cl. 214—311.
 Griffith, John H., and R. A. Minarik. 2,687,929, Cl. 308—232.
 Griffith Laboratories, Inc., The.: *See—*
 Hall, Lloyd A.
 Hall, Lloyd A. 2,677,616.
 Komarik, Stephan L., and Griffith. 2,688,151.
 Komarik, Stephan L., and Griffith. 2,688,555.
 Komarik, Stephan L., and Griffith. 2,688,556.
 Griffith, Nora I.: *See—*
 Griffith, Welling B. and N. I. 2,676,794.
 Griffith, Raymond C. 2,679,865, Cl. 137—636.1.
 Griffith, Thomas R.: *See—*
 MacGregor, Donald W., and Griffith.
 Griffith, Walter L., Jr., to Homestead Valve Mfg. Co. 2,681,657, Cl. 134—98.
 Griffith, Welling B. and N. I. 2,676,794, Cl. 267—28.
 Griffiths, Franklin E. 2,695,597, Cl. 121—68.
 Griffiths, Leonard, Stoke, Coventry, England, assignor to General Electric Company. Electric switch. 2,667,544, Jan. 26.
 Grigsby-Allison Co., Inc.: *See—*
 Allison, Kenneth C. 2,691,702.
 Grill, Martin F., Hopkins, Minn. Guard for sink walls. 2,668,300, Feb. 9.
 Grill, Raymond E., Long Beach, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Tip tank wedge support. 2,665,862, Jan. 12.
 Grill, Rudolf J. 2,680,288, Cl. 30—16.
 Grillet, Antoine C.: *See—*
 Grillet, Charles L. and A. C. 2,685,164.
 Grillet, Charles L. and A. C. 2,685,164, Cl. 58—104.
 Grim, John M., Lancaster, Pa., assignor to Koppers Company, Inc. Suspension polymerization. 2,673,194, Mar. 23.
 Grim, John M., to Koppers Co., Inc. 2,687,408, Cl. 260—93.5.
 Grim, John M., to Koppers Co., Inc. 2,691,008, Cl. 260—93.5.
 Grim, Marvin P., assignee: *See—*
 Ady, Harmon C. 2,677,925.
 Grimard, Edgar H. J. 2,684,205, Cl. 241—43.
 Grimes, Edgar S., Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Facsimile receiver. 2,672,504, Mar. 16.
 Grimes, Milton J.: *See—*
 Grimm, Albert C., and Grimes. 2,689,779.
 Grimes, Willard M., Jr., to the United States of America as represented by the Secretary of the Navy. 2,685,671, Cl. 324—20.
 Grimm, Albert C., and M. J. Grimes, to Radio Corp. of America. 2,689,779, Cl. 316—29.
 Grimshaw, Charles S., Erie, Pa., assignor to General Electric Company. Evaporator defrosting arrangement. 2,665,566, Jan. 12.
 Grimshaw, Charles S., Erie, Pa., assignor to General Electric Company. Automatic defrost control. 2,667,753, Feb. 2.
 Grimshaw, Charles S., Erie, Pa., assignor to General Electric Company. Automatic defrost control. 2,667,754, Feb. 2.
 Grimshaw, Charles S., Erie, Pa., assignor to General Electric Company. Automatic defrost control. 2,667,755, Feb. 2.
 Grimshaw, Charles S., assignor to General Electric Company. 2,677,242, Cl. 62—2.
 Grimshaw, Charles S., to General Electric Co. 2,688,113, Cl. 318—221.
 Grimshaw, Charles S., and G. W. Riddle, assignors to General Electric Company. 2,679,144, Cl. 62—103.
 Grimshaw, John H., to Harry Ferguson, Inc. 2,691,929, Cl. 97—46.03.
 Grinberg, Rubin: *See—*
 Perrin, Jacques, and Grinberg. 2,694,293.
 Grindle, Aubrey J., to Grindle Corp. 2,693,886, Cl. 214—18.
 Grindle Corp.: *See—*
 Grindle, Aubrey J. 2,693,886.
 Grindrod, George. 2,684,905, Cl. 99—178.
 Grindrod, George E. 2,684,906, Cl. 99—178.
 Grinnell Corp.: *See—*
 Boteler, Henry W.
 Boteler, Henry W. 2,678,662.
 Cranston, Robert A. 2,687,180.
 Loepsinger, Albert J. 2,697,553.
 Williams, James H. 2,686,945.
 Grinnell, Richard C., to Philco Corp. 2,690,651, Cl. 62—108.5.
 Grinsted, Brian, assignor to Power Jets (Research and Development) Limited. 2,677,236, Cl. 60—39.46.
 Grinyer, Charles A., to The Bristol Aeroplane Co. Ltd. 2,683,493, Cl. 170—135.72.
 Griscom-Russell Company, The, assignee: *See—*
 Bruegger, Ernest.
 Otten, Philip S.
 Grisdale, Richard O.: *See—*
 Baker, William O., and Grisdale. 2,697,028.
 Baker, William O., and Grisdale. 2,697,136.
 Baker, William O., Grisdale, and Winslow. 2,697,029.
 Grisdale, Richard O., Short Hills, A. C. Pfister, North Plainfield, and G. K. Teal, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical resistors and making them. 2,671,735, Mar. 9.
 Grisé, Alfred L.: *See—*
 Bills, Philip H., and Grisé. 2,682,353.
 Grisé, Alfred L., and J. J. Pacey, assignors to Gilbert & Barker Manufacturing Company. 2,678,624, Cl. 116—117.
 Grisell, Russell L. 2,676,786, Cl. 255—1.
 Griset, Ernest J., Jr., to American Enka Corp. 2,671,729, Cl. 203—67.
 Griset, Ernest J., Jr., assignor to American Enka Corporation. 2,675,690, Cl. 68—181.
 Griset, Ernest J., Jr., assignor to American Enka Corporation. 2,675,908, Cl. 203—65.
 Grisset, Andrew F. 2,680,865, Cl. 15—50.
 Griswold, Donald G. 2,683,580, Cl. 251—31.
 Griswold, Hector W., to Chicopee Mfg. Corp. 2,683,901, Cl. 19—98.
 Griswold, Owen H., Ridgewood, assignor to Air Associates, Incorporated, Teterboro, N. J. Landing gear actuator. 2,667,953, Feb. 2.
 Griswold, Owen H., assignor to Technical Rubber Company. 2,674,311, Cl. 164—89.
 Griswold, Owen H. 2,679,670, Cl. 24—68.
 Grizzard, Earle D.: *See—*
 Adams, Arthur R., Grizzard, and Cady.
 Adams, Arthur R., Grizzard, and Cady. 2,682,424.
 Collar, Frank R., and Grizzard.
 Grizzard, Earle D., Los Angeles, assignor to Adams Rite Manufacturing Company, Glendale, Calif. Latch locking control mounting. 2,668,069, Feb. 2.
 Groat, Francis P., assignor to The Magee Carpet Company, Bloomsburg, Pa. Pile wire for wire looms and weaving pile fabrics. 2,670,013, Feb. 23.
 Groat, Francis P., assignor to The Magee Carpet Company. 2,674,269, Cl. 139—39.
 Groat, Francis P., to The Magee Carpet Co. 2,691,390, Cl. 139—403.
 Grob, Arwed: *See—*
 Goerg, Alfred, and Grob. 2,692,276.
 Grob, Karl: *See—*
 Herbert, Wilhelm, Eisenlohr, and Grob. 2,675,412.
 Grobel, Lloyd P., assignor to General Electric Company. 2,675,493, Cl. 310—53.
 Grobey, Paul A., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Grinding wheel reciprocating mechanism. 2,669,072, Feb. 16.
 Grobey, Paul A., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Internal grinding machine. 2,671,293, Mar. 9.
 Grobey, Paul A., assignor to Bryant Chucking Grinding Company. 2,677,921, Cl. 51—50.
 Grobey, Paul A., to Bryant Chucking Grinder Co. 2,681,229, Cl. 279—102.
 Grobey, Paul A., to Bryant Chucking Grinder Co. 2,689,434, Cl. 51—5.
 Grobey, Paul A., to Bryant Chucking Grinder Co. 2,691,531, Cl. 279—35.
 Grobey, Paul A., to Bryant Chucking Grinder Co. 2,696,986, Cl. 279—4.
 Grobl, Jon E.: *See—*
 Hopkins, George W., and Grobl. 2,687,254.
 Groce, Homer W.: *See—*
 Browne, Godfrey H., and Groce. 2,681,035.
 Groce, Homer W., and G. H. Browne, to Cocker Machine & Foundry Co. 2,680,896, Cl. 28—38.
 Groddeck, Karl B., New Orleans, La. Electroactive radiation screen. 2,671,817, Mar. 9.
 Grodson, Anthony G., assignor to Aero-Smith, Inc., Miami, Fla. Fastening device. 2,668,724, Feb. 9.

- Grodzinski, Paul, and W. R. J. Jacobsohn, London, England. Apparatus for testing the wear and abrasion resistance of materials. 2,672,046, Mar. 16.
- Groebe, John L., assignor to Phillips Petroleum Company. 2,680,675, Cl. 23—283.
- Groeger, Alfred H., assignor to Kason Hardware Corporation. 2,680,638, Cl. 292—92.
- Groehn, Harvey G., and O. G. M. Guensch. 2,696,857, Cl. 144—144.
- Groendale, Henry J., Forest Hills, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Train describer system. 2,670,434, Feb. 23.
- Groeninghe Verreij P. V. B. A. (Société de Personnes à Responsabilité Limitée), assignee: *See*—Steverlynck, Boudewijn R. J. 2,675,194.
- Groet, Nicholas H.: *See*—Higgins, George C., and Groet. 2,697,036.
- Weller, William R., and Groet. 2,689,793.
- Groff, Edward H.: *See*—Pollock, Earl S., Groff, McFarland, and Stichler. 2,683,447.
- Groff, Edward H., to The Tappan Stove Co. 2,683,446, Cl. 126—191.
- Groff, Frazier, Plainfield, and H. D. Bassett, Bound Brook, N. J., assignors to Union Carbide and Carbon Corporation. Microgroove polystyrene phonograph record. 2,670,308, Feb. 23.
- Groff, Frazier, P. B. Potter, and R. W. Smith, to Union Carbide and Carbon Corp. 2,681,323, Cl. 260—23.
- Grohsgal, Alexis C., to Cable Electric Products, Inc. 2,682,655, Cl. 340—393.
- Grohsgal, Alexis C., to Natco Products Corp. 2,696,030, Cl. 20—78.3.
- Groman, Robert S., assignee: *See*—Davis, John W.
- Gromer, Earl H.: *See*—Morrison, Emmett G. 2,692,636.
- Gron dona, Bartolomeo. 2,679,216, Cl. 107—14.
- Gronegress, Hans W., to P. F. Peddinghaus. 2,683,031, Cl. 266—4.
- Groner, Miriam G.: *See*—Sadowsky, Meier, and Groner. 2,689,830.
- Gronli, Arnold: *See*—Gronli, Ole K. and A. 2,697,235.
- Gronli, Ole K. and A. 2,697,235, Cl. 9—6.
- Gronlund, Theodore H., and W. W. Wright. 2,694,895, Cl. 56—376.
- Groombridge, Walter H., H. Bates, and J. W. Fisher, assignors to British Celanese Limited. 2,680,693, Cl. 106—189.
- Grooms, Albert O.: *See*—Jacobs, James W., and Grooms.
- Grooms, Albert O., to General Motors Corp. 2,693,512, Cl. 200—83.
- Gros, Hermann: *See*—Maybach, Karl, and Gros. 2,691,901.
- Grosch, George S., to Allis-Chalmers Mfg. Co. 2,693,392, Cl. 301—1.
- Grosch, Gottlieb W. 2,697,582, Cl. 251—145.
- Groschen, George E., to Cook Chemical Co. 2,697,859, Cl. 21—109.
- Grosjean, Paul R.: *See*—Nelson, Bernard W. 2,688,164.
- Gross, Alfred G., to The Hoover Co. 2,684,427, Cl. 219—19.
- Gross, Anthony M.: *See*—Roland, John F., Jr., and Gross.
- Gross, Arthur R., St. Paul, assignor, by mesne assignments, to Automatic Tow Bar Company, Inc., Minneapolis, Minn. Automobile tow bar with bumper clamp. 2,672,353, Mar. 16.
- Gross, Arthur R. 2,693,299, Cl. 221—107.
- Gross, Arthur R. 2,693,369, Cl. 280—502.
- Gross, Ben G. 2,682,817, Cl. 95—75.
- Gross, Bernard, San Diego, assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Lead-in terminal. 2,666,804, Jan. 19.
- Gross, Bernard, San Diego, assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Coating the interior surfaces of tanks. 2,668,782, Feb. 9.
- Gross, Bernard, assignor to Rohr Aircraft Corporation. 2,677,633, Cl. 154—116.
- Gross, Daniel: *See*—Schwartz, Samuel M., and Gross.
- Schwartz, Samuel M., and Gross. 2,675,330.
- Schwartz, Samuel M., and Gross. 2,696,445.
- Gross, Frank C., Chicago, and F. S. Chytil, Cicero, Ill., assignors, by mesne assignments, to Package Machinery Company, East Longmeadow, Mass. Apparatus for filling containers with ice cream and the like. 2,672,262, Mar. 16.
- Gross, Frank R. 2,686,335, Cl. 18—12.
- Gross, Glenn H.: *See*—Walker, Delos A., and Gross.
- Gross, Henry and S., East Finchley, London, England. Cash register key coupler mechanism. 2,667,803, Jan. 26.
- Gross, Henry R. 2,698,376, Cl. 240—61.13.
- Gross, Irving A., to Stewart-Warner Corp. 2,698,380, Cl. 250—13.
- Gross, Jerome. 2,688,655, Cl. 174—164.
- Gross, John N., San Diego, assignor of one-half to D. C. Rickenbacker, Beverly Hills, Calif. Patient handling device for bathtubs. 2,672,620, Mar. 23.
- Gross, Joseph E., Swissvale, Pa. Shock absorber. 2,669,449, Feb. 16.
- Gross, Oswald M., Detroit, Mich. Shank-grip, slidable jaw wrench. 2,672,779, Mar. 23.
- Gross, Reinhold, Dayton, Ohio. Ground release for cargo parachutes. 2,665,163, Jan. 5.
- Gross, Samuel: *See*—Gross, Henry and S.
- Gross, Siegfried T., to General Aniline & Film Corp. 2,683,220, Cl. 250—43.5.
- Gross, Thomas A. O., to Raytheon Mfg. Co. 2,694,149, Cl. 250—36.
- Gross, William E., Joppa, Md., assignor to the United States of America as represented by the Secretary of War. Air purifier. 2,671,528, Mar. 9.
- Gross, William E., Joppa, F. B. Hale, Bel Air, and I. C. Brown, Baltimore, Md., assignors to the United States of America as represented by the Secretary of War. Trimming and wrapping machine. 2,672,196, Mar. 16.
- Grosse, Aristid V.: *See*—Urey, Harold C., and Grosse. 2,690,379.
- Grosse, Aristid V., to Research Institute of Temple University. 2,684,284, Cl. 23—86.
- Grosser, Frederick, to General Aniline & Film Corp. 2,694,697, Cl. 260—78.5.
- Grosser, Frederick, to General Aniline & Film Corp. 2,694,698, Cl. 260—78.5.
- Grossi, Frank X., to The Reardon Co. 2,689,184, Cl. 106—14.
- Grosskloss, John F., Steubenville, assignor to C. B. Hoak, Jefferson County, Ohio. Apparatus for and method of annealing. 2,673,728, Mar. 30.
- Grosskopf, Bruno C. 2,691,944, Cl. 103—108.
- Grosskopf, Herbert, assignor to Nordwestdeutscher Rundfunk. 2,678,967, Cl. 179—1.
- Grossman, Harold. 2,681,317, Cl. 252—301.2.
- Grossmann, Joseph. 2,682,059, Cl. 4—225.
- Grossman, Morris: *See*—Tandler, William S., Walker, and Grossman. 2,697,879.
- Grossman Music Corp.: *See*—Thompson, Josephus. 2,687,057.
- Grossmann, Paul, and W. Kern, to Ciba Ltd. 2,691,027, Cl. 260—377.
- Grossman, Pauline, assignee: *See*—Grossman, Samuel H.
- Grossman, Samuel H., assignor to P. Grossman, Oakland, Calif. Nonslip handle for tooth or denture brushes. 2,668,308, Feb. 9.
- Grossmann, Samuel W.: *See*—Congdon, William J., and Grossmann.
- Grossman, William A., assignor of $\frac{1}{2}$ to L. J. Harbach. 2,679,058, Cl. 12—7.3.
- Grossman, William A., 50% to L. J. Harbach. 2,696,622, Cl. 12—7.3.
- Grosvalet, Jean, and J. Simon-Suisse, assignors to Office National d'Etudes et de Recherches Aeronautiques. 2,679,975, Cl. 235—61.
- Grosvenor, William M., Jr., R. T. Schoerner, and J. H. White, to Taco Heaters, Inc. 2,684,686, Cl. 137—386.
- Grote, Charles C.: *See*—Lange, Harold T., and Grote. 2,694,904.
- Grote Mfg. Co., Inc., The: *See*—Wiley, Fred E. 2,685,639.
- Grotefeld, Augustus W., to Pilkington Brothers Ltd. 2,680,936, Cl. 49—7.
- Groth, John J.: *See*—Tanke, Willard H., Buhr, and Groth. 2,687,074.
- Groth, Edward J., Jr., Woods Hole, Mass., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Voltage regulator. 2,668,272, Feb. 2.
- Groth, Fred A.: *See*—Whitehill, Stanley M., and Groth.
- Ground Water Inc., assignee: *See*—Ranney, Leo.
- Grove, Donald E. 2,680,574, Cl. 242—71.
- Grove, Leo C., Elmhurst, and R. L. Thompson, Park Ridge, Ill., assignors to United States Rubber Company, New York, N. Y. Method and apparatus for drawing plastic sheets. 2,666,951, Jan. 26.
- Grove, Marvin H., Piedmont, and A. U. Bryant, Berkeley, assignors, by mesne assignments, to Grove Regulator Company, Oakland, Calif. Valve construction. 2,666,614, Jan. 19.
- Grove Regulator Company, assignee: *See*—Grove, Marvin H., and Bryant.
- Grover, Anthony P., Willoughby, and W. M. Milden, Cleveland, assignors, by mesne assignments, to The Eagle-Picher Company, Cincinnati, Ohio. Curing press mechanism. 2,666,950, Jan. 26.
- Grover, Donald P., Chicago, Ill. Rotary toothbrush with continuous lip guard. 2,671,234, Mar. 9.
- Grover, Eric H., assignor to International Standard Electric Corporation. 2,680,159, Cl. 179—171.
- Grover, Paul W., to Davis & Geck, Inc. 2,692,676, Cl. 206—63.3.
- Groves, James H., and D. J. Lenane, to American Can Co. 2,692,245, Cl. 260—3.
- Groves, Joy B. 2,691,220, Cl. 33—10.
- Groves, Martin V.: *See*—Stelzer, William, and Groves.

- Groves, Walter R., assignor to British Industrial Plastics Limited. 2,680,447, Cl. 137-108.
- Grow, Harlow B. 2,683,797, Cl. 240-9.
- Grubb, John C.: See—
Wilson, Evan F., Grubb, and Fowler. 2,691,952.
- Grubel, Ralph O., and L. S. Busch, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Composite metal-ceramic body and making the same. 2,671,955, Mar. 16.
- Grubel, Ralph O., and L. S. Busch, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metal-ceramic bodies and making. 2,672,426, Mar. 16.
- Grubelic, Nicholas, 50% to I. Kushner. 2,685,135, Cl. 33-126.7.
- Gruber, Bernard A., and L. W. Davis, to Metal Hydrides Inc. 2,688,169, Cl. 22-200.
- Gruber, Francis E., to Brown & Bigelow. 2,695,508, Cl. 67-7.1.
- Gruber, John R.: See—
Simpson, Clifford M., and Gruber.
- Gruber, Joseph J., assignor to Detroit Steel Products Company. 2,678,116, Cl. 189-34.
- Gruber, Morris M.: See—
Saliba, George J., and Gruber. 2,683,038.
- Gruber, Wolfgang: See—
Bergmeister, Eduard, Gruber, and Heckmaier.
- Grudzinski, Stanley J.: See—
Speck, Steve. 2,694,277.
- Grue, Louis F., Baltimore, Md. Garment display pocket. 2,671,902, Mar. 16.
- Gruen, Ernest J.: See—
Goodyear, Charles H., and Gruen. 2,688,332.
- Gruen Watch Company, The, assignee: See—
Blod, Francis E., and Blumenfeld.
- Gruen, Wolf J., Syracuse, N. Y., assignor to General Electric Company. Balanced phase detector. 2,669,655, Feb. 16.
- Gruender, Oscar C., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Attrition mill. 2,670,142, Feb. 23.
- Gruender, Oscar C., assignor to Nordberg Manufacturing Company. 2,679,984, Cl. 241-215.
- Gruender, Oscar C., assignor to Nordberg Manufacturing Company. 2,679,985, Cl. 241-285.
- Gruenholz, Andrew A. 2,682,971, Cl. 220-69.
- Grueninger, Carl E. 2,695,539, Cl. 81-17.2.
- Gruetjen, Frederick A., assignor to A. O. Smith Corporation. 2,679,683, Cl. 29-156.8.
- Gruett, Charles G., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Boring tool. 2,673,479, Mar. 30.
- Grumbach, Henry, 2nd. 2,694,844, Cl. 24-73.
- Grumbine, Arthur W., Parlin, and J. Q. Umberger, Holmdel, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Transferring a gelatin image bearing film. 2,671,020, Mar. 2.
- Grumblatt, Victor J., East Cleveland, Ohio, assignor to General Electric Company. Unloader and overload protector for rotary compressors. 2,671,605, Mar. 9.
- Grumbly, Gerald P., West Palm Beach, Fla. Flavor injection unit for frozen desert machines. 2,667,846, Feb. 2.
- Grummitt, Oliver J., assignor to The Sherwin-Williams Company. 2,678,934, Cl. 260-404.8.
- Grummitt, Oliver J., and R. E. Blank, Cleveland, Ohio, and H. F. Schwarz, Flossmoor, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Stabilizer for halogen-containing polymers. 2,666,752, Jan. 19.
- Grünberger, Viktor: See—
Antoine, Tassilo, Grünberger, Kodak, Wasner, and Kenzian. 2,697,431.
- Grund, William. 2,674,872, Cl. 72-106.
- Grundmann, Christoph J., and G. Ottmann, Columbus, Ohio, assignors to Mathieson Chemical Corporation. 2-trichloromethyl-4,6-bis-parachlorophenyl-1,3,5-triazine. 2,671,085, Mar. 2.
- Grundy, Walton E., A. L. Whitman, J. C. Sylvester, J. R. Schenck, and A. F. De Rose, assignors to Abbott Laboratories. 2,678,929, Cl. 260-306.7.
- Grunsky, Charles: See—
Mead, Roy O., and Grunsky.
- Grunsky, Charles, and O. F. Anderson. 2,687,324, Cl. 294-96.
- Grunz, Max, Newark, N. J. Ball valve. 2,665,878, Jan. 12.
- Grunz, Max. 2,693,338, Cl. 251-340.
- Grunthal, Erich, and L. Mannes, to Henkel & Cie. G. m. b. H. 2,686,191, Cl. 260-410.9.
- Grunwald, Fred S., Ozone Park, N. Y. Synchronized rotating color filters. 2,670,400, Feb. 23.
- Grunwald, Marshall B.: See—
Grunwald, Marshall F. and M. B. 2,680,925.
- Grunwald, Marshall F. 2,681,201, Cl. 248-316.
- Grunwald, Marshall F. and M. B. 2,680,925, Cl. 43-25.
- Gruot, Pierre. 2,697,882, Cl. 35-9.
- Grupp, Edward L. 2,679,659, Cl. 16-198.
- Grüssner, Andre: See—
Schneider, Otto, and Grüssner. 2,676,177.
- Gruthusen, Henry J.: See—
McDonald, John J., Jr., and Gruthusen. 2,674,000.
- Gruver, John H., East Cleveland, N. J., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,673,033, Mar. 23.
- Gruver, John H., to Addressograph-Multigraph Corp. 2,692,555, Cl. 101-336.
- Gryce, Edwin C. 2,679,228, Cl. 116-114.
- Grypma, Theodore J., Grand Rapids, Mich. Compressible cable connector. 2,672,596, Mar. 16.
- Gsching, Wilhelm L.: See—
Kugel, Fritz K., and Gsching. 2,687,657.
- Guala, John R., to Gulf Oil Corp. 2,693,942, Cl. 257-224.
- Guanella, Gustav, to Radio Patents Co. 2,681,384, Cl. 179-15.6.
- Guanella, Gustav, to Radio Patents Co. 2,681,445, Cl. 343-205.
- Guanella, Gustav, to Radio Patents Co. 2,687,476, Cl. 250-36.
- Guarantee Specialty Mfg. Co., The: See—
Wright, Richard H.
- Wright, Richard H., and Zay. 2,697,576.
- Guardian Electric Mfg. Co.: See—
Nelsen, Marvin G.
- Obszarny, Theodore J. 2,686,233.
- Obszarny, Theodore J. 2,686,234.
- Guardian Lockers Incorporated, assignee: See—
Garver, Curtis A. 2,675,107.
- Guareschi, Pietro: See—
Kacharon, Pierre, and Guareschi. 2,678,872.
- Gubelin, Werner A. 2,686,944, Cl. 21-126.
- Gubernator, Grace, executrix: See—
Perry, Eugene L.
- Gubisch, Erwin A., to Teletype Corp. 2,691,062, Cl. 178-17.
- Guck, Rose B.: See—
Hood, Myron E. 2,696,217.
- Gudalis, James B. 2,687,760, Cl. 152-218.
- Gudert, Walter E.: See—
Bergmann, Fritz. 2,686,432.
- Gudikunst, James B.: See—
Eberly, Harry C., and Gudikunst. 2,686,684.
- Gudikunst, James B., to The Sperry Corp. 2,696,313, Cl. 214-82.
- Gudgeon, Ronald P., to Brown & Green Ltd. 2,686,983, Cl. 38-22.
- Gueffroy, Walter A., and W. Pechy, assignors to American Can Company. 2,679,313, Cl. 198-34.
- Guelpa, Jean P., Colombes, assignor to Compagnie Generale d'Electricite, Paris, France. Method of and apparatus for automatically charging accumulator batteries. 2,666,883, Jan. 19.
- Guénard, Pierre: See—
Warnecke, Robert, Bernier, Guénard, and Kleen. 2,687,777.
- Guénard, Pierre, and G. Convert, assignors to Compagnie Generale de Telegraphie Sans Fil. 2,680,811, Cl. 250-36.
- Guensche, Oscar G. M.: See—
Groehn, Harvey G., and Guensche. 2,696,857.
- Guenther, Edgar G., and R. C. Burton, Kingsport, Tenn., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Apparatus for the manufacture of plastic explosive pellets. 2,666,948, Jan. 26.
- Guentsche, Helmut, L. A. Nelson, and H. O. Schjolin, to General Motors Corp. 2,694,950, Cl. 74-732.
- Guenu, Fernand A., and J. Ollivier. 2,678,572, Cl. 77-18.
- Guerner, Robert, assignee: See—
Ryder, Robert S. 2,679,782.
- Guernsey, Robert W., Detroit, and R. C. Ulrey, Livonia, assignors to General Motors Corporation, Detroit, Mich. Torsional vibration isolating coupling. 2,667,049, Jan. 26.
- Guerrant, William B.: See—
Stilbert, Elmer K., Jr., Cummings, and Guerrant. 2,684,953.
- Guertler, Peter, and A. Ruperti, to Ciba Ltd. 2,690,398, Cl. 106-165.
- Guess, Algernon P., and W. B. McCaskill, to E. I. du Pont de Nemours & Co. 2,693,462, Cl. 260-88.7.
- Guest, Howard R.: See—
Stansbury, Harry A., Jr., and Guest. 2,694,077.
- Guest, Maurice C. 2,677,457, Cl. 206-8.
- Guest, Ward E. 2,691,301, Cl. 73-141.
- Guffey, Ralph A., Louisville, Ky. Tension relief device for cables. 2,665,128, Jan. 5.
- Guggenheim, Daniel and Florence, Foundation, The: See—
Goddard, Robert H.
- Goddard, Robert H. 2,674,848.
- Goddard, Robert H. 2,687,614.
- Goddard, Robert H. 2,687,646.
- Goddard, Robert H. 2,689,453.
- Goddard, Robert H. 2,695,496.
- Gugger, Walter, Yverdon, Switzerland, assignor to Paillard S. A. Device for driving films in cinematographic projectors. 2,669,451, Feb. 16.
- Guiberson Corp., The: See—
Davis, Roy C., and Taylor. 2,695,794.
- Lane, John J. 2,695,672.
- Losey, Thomas B.
- Taylor, Raymond G., Jr., and Losey. 2,693,974.
- Guichard, Jean, to E. Stein. 2,693,212, Cl. 150-10.
- Guide, Anthony. 2,674,963, Cl. 112-2.
- Guide, Anthony. 2,674,964, Cl. 112-2.
- Guigas, Gustav, to Hawaiian Pineapple Co., Ltd. 2,697,515, Cl. 209-100.

- Guild Le Lacheur: *See*—
Gray, Alfred R. 2,695,402.
- Guild, Lloyd V. 2,684,289, Cl. 23—292.
- Guiles, Wesley L., to The Flexible Tubing Corp. 2,683,466, Cl. 138—25.
- Guiley, Robert P.: *See*—
Mishler, Robert F., Guiley, and Roberts. 2,696,884.
- Guilleminot, Roger. 2,682,133, Cl. 49—22.
- Guillermin, Dewey S., of $\frac{1}{2}$ to W. A. and E. E. Meier. 2,684,394, Cl. 123—146.5.
- Guillissen, Clément J., and A. Gancberg, to Union Chimique Belge, S. A. 2,684,379, Cl. 260—448.2.
- Guillissen, Clement J., and A. Gancberg, to Union Chimique Belge, S. A. 2,695,307, Cl. 260—448.2.
- Guinet, Eugène, to W. J. Herter. 2,693,892, Cl. 215—41.
- Guiot, Auguste, assignor to Etablissements Guiot, Paris, France. Multiple diaphragm pump. 2,670,691, Mar. 2.
- Guisasola, Bonifacio, Eibar, Spain. Slide and barrel securing key for automatic pistols. 2,664,786, Jan. 5.
- Guise, Arthur B., to Ansul Chemical Co. 2,681,115, Cl. 169—11.
- Guise, Arthur B., to Ansul Chemical Co. 2,690,229, Cl. 169—11.
- Guiver, Dennis W., to Flight Refuelling Ltd. 2,692,104, Cl. 244—135.
- Gulbrandsen, Helge, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe press. 2,670,481, Mar. 2.
- Gulf Canal Lines, Inc., assignee: *See*—
Bintliff, Chester D., and Attebery.
- Gulf Oil Corp.: *See*—
Guala, John R. 2,693,942.
Ritzmann, Otto F. 2,676,662.
Smith, Herschel G., Cantrell, and Peters. 2,689,828.
- Gulf Research & Development Co.: *See*—
Ambrose, Henry A., and Brandes. 2,692,821.
Ambrose, Henry A., and Brandes. 2,697,033.
Barker, Robert C. 2,692,860.
Brandes, Oliver L., and Pattinson. 2,675,357.
Brandes, Oliver L., and Pattinson. 2,678,920.
Capell, Robert G., Ridenour, and Stewart. 2,692,835.
Capell, Robert G., Ridenour, and Stewart. 2,694,014.
Clark, Dayton P., Jr.
Easley, Joseph C., and Kellner. 2,691,033.
Franke, Norman W. 2,686,152.
Glazier, Edwin M. 2,678,263.
Glazier, Edwin M. 2,694,047.
Kennedy, Harvey T., and Teplitz. 2,697,071.
McKinley, Joseph B. 2,689,825.
Morgan, Frank. 2,676,485.
Muskat, Morris, Parker, and Kehl. 2,684,030.
Neely, Richard J., and Gilmartin. 2,678,262.
Offutt, William C. 2,684,389.
Pigott, Reginald J. S. 2,683,303.
Rodgers, John K., and Tracht. 2,688,368.
Stevens, Donald R. 2,696,428.
Stevens, Donald R., and Camp.
Topanelian, Edward, Jr. 2,696,410.
- Gulick, David E.: *See*—
Holycross, Frank R., Jr., and Gulick. 2,689,959.
- Gulick, Harold M., and C. E. Stedman, to Industrial Research, Inc. 2,687,448, Cl. 136—179.
- Gulick, Harold M., and C. E. Stedman, to Industrial Research, Inc. 2,687,449, Cl. 136—179.
- Gullett Gin Company, assignee: *See*—
Wallace, Jeffrey J.
- Gulley, Willard Q., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,676,756, Cl. 235—92.
- Gullholm, Marcus. 2,680,871, Cl. 15—130.1.
- Gullick, Ernest D. M., Glasgow, Scotland, assignor to Mavor & Coulson, Limited. Mining machine with wedge-type cutter. 2,666,627, Jan. 19.
- Gulton, Edith M., assignor to Gulton Mfg. Corp., Metuchen, N. J. Making condenser. 2,673,792, Mar. 30.
- Gulton Mfg. Corp., assignee: *See*—
Gulton, Edith M.
- Gumm, Earnest R., Cooper, Iowa. Adjustable cultivator shield. 2,665,994, Jan. 12.
- Gummed Products Co., The: *See*—
Herrlinger, Paul W. 2,682,171.
- Gump, Richard A., trustee: *See*—
Pinner, Leonard A. 2,688,786.
- Gump, William S., and E. J. Nikawitz, assignors to The Givaudan Corporation. 2,675,408, Cl. 260—570.9.
- Gump, William S., and E. J. Nikawitz, to The Givaudan Corp. 2,688,638, Cl. 260—570.7.
- Gump, William S., and E. J. Nikawitz, to The Givaudan Corp. 2,688,639, Cl. 260—570.7.
- Gunby, Olin B., Los Angeles, Calif., assignor to Radio Corporation of America. Variable speed film printer. 2,672,074, Mar. 16.
- Gund, Konrad, Erlangen, Germany. Magnetic induction accelerator. 2,665,392, Jan. 5.
- Gündel, Wolfgang, and W. Scherff, assignors to Henkel & Cie G. m. b. H. 2,674,572, Cl. 204—158.
- Gündel, Wolfgang, and H. Damm, to Henkel & Cie, G. m. b. H. 2,684,917, Cl. 106—176.
- Gundersen, Ralph W., St. Paul, Minn., assignor to Coach & Car Equipment Corporation, Chicago, Ill. Resiliently supported locomotive seat. 2,667,209, Jan. 26.
- Gunderson, Allen D.: *See*—
Tessneer, Ezra E., and Gunderson. 2,684,018.
- Gunderson, Allen D., assignor to George Gorton Machine Co., Racine, Wis. Multiple spindle engraving and the like machine tools. 2,666,989, Jan. 26.
- Gunderson, Norman R. 2,689,314, Cl. 315—12.
- Gunderson, Ralph R. 2,688,335, Cl. 137—102.
- Gunderson, Robert W.: *See*—
Kearney, Justin M., and Gunderson.
- Gunderson, Russell O.: *See*—
Buhler, James D., Folkrod, and Gunderson. 2,678,205.
- Gunderson-Taylor Machinery Company, assignee: *See*—
Brown, John W.
- Gunderson, Waldo A., assignor of one-half to H. Krev, Berwyn, Ill. Hydraulic shift indicator. 2,672,116, Mar. 16.
- Gungay, George W., assignor to Electrographic Corporation, New York, N. Y. Boring machine for cylindrical electrotypes. 2,672,772, Mar. 23.
- Gunite Concrete and Construction Co.: *See*—
McCormack, Lawrence E. 2,690,901.
- Gunn, Earl G. 2,682,953, Cl. 210—169.
- Gunn, Lloyd W., Jr. 2,690,830, Cl. 197—189.
- Gunn, Ross, Washington, D. C. Dew or frost point indicator. 2,671,334, Mar. 9.
- Gunnell Capsulations, Inc.: *See*—
Plourde, Neal N. 2,692,404.
- Gunning, Samuel D., assignor, by mesne assignments, to Le Roi Company. 2,675,784, Cl. 121—28.
- Gunning, Samuel D., assignor, by mesne assignments, to Le Roi Company. 2,675,996, Cl. 255—51.
- Gunning, Samuel D., to Le Roi Co. 2,683,586, Cl. 255—51.
- Gunning, Samuel D., to Le Roi Co. 2,683,587, Cl. 255—51.
- Gunning, Samuel D., to Le Roi Co. 2,683,588, Cl. 255—51.
- Gunst, Raymond, Binningen, assignor to Ciba Limited, Basel, Switzerland. Trisazo-dyestuffs. 2,671,776, Mar. 9.
- Gunst, Raymond, to Ciba Ltd. 2,686,175, Cl. 260—146.
- Gunst, Raymond, to Ciba Ltd. 2,686,176, Cl. 260—146.
- Gunst, Raymond, to Ciba Ltd. 2,686,177, Cl. 260—146.
- Gunst, Raymond, to Ciba Ltd. 2,686,178, Cl. 260—154.
- Gunst, Raymond, to Ciba Ltd. 2,686,179, Cl. 260—158.
- Gunst, Raymond, to Ciba Ltd. 2,696,486, Cl. 260—153.
- Günther, Gunnar G. J., and G. B. Rosengren. 2,693,783, Cl. 118—48.
- Günther, Johannes J., to himself and M. V. and O. M. C. Rönnbom. 2,691,348, Cl. 103—117.
- Gunther, Ronald E. 2,688,474, Cl. 261—49.
- Günther, Ulrich, to Inventa A. G. für Forschung und Patentverwertung. 2,687,667, Cl. 86—1.
- Gunthorp, Seth, assignor to Consolidated Vultee Aircraft Corporation. 2,679,305, Cl. 189—36.
- Guntrun, Marshall, and C. D. Robeson, assignors to Eastman Kodak Company. 2,676,991, Cl. 250—598.
- Gunyou, Lyman J., to Avco Mfg. Corp. 2,684,563, Cl. 55—83.
- Guppy, Thomas G.: *See*—
Hill, Geoffrey T. R., and Guppy.
- Gupta, Sushil C.: *See*—
Aggarwal, Joti S., Sharma, and Gupta. 2,685,593.
- Gurewitsch, Anatole M., Schenectady, N. Y., assignor to General Electric Company. Apparatus for imparting high energy to charged particles. 2,673,928, Mar. 30.
- Gurewitsch, Anatole M., and W. C. Dunlap, Jr., to General Electric Co. 2,693,022, Cl. 29—155.5.
- Gurin, Peter J. 2,678,660, Cl. 137—576.
- Gurley, W. & L. E.: *See*—
Loeck, Günther F. E. 2,683,397.
- Gurney, Gordon T.: *See*—
Freeman, Howard G., and Gurney.
- Gurries, Albert G., and J. A. White, Jr., to Be-Ge Mfg. Co. 2,684,696, Cl. 143—99.
- Gurries, Henry A. 2,693,884, Cl. 211—136.
- Gurt, Sven A., and S. G. Fagerberg, Stockholm, Sweden. Projector and spinning target. 2,671,663, Mar. 9.
- Gustafson, Alfred N., assignor to Schramm, Inc., West Chester, Pa. Compressor inlet valve actuating mechanism. 2,667,299, Jan. 26.
- Gustafson, Carl A., assignor to Caterpillar Tractor Co. 2,677,202, Cl. 37—126.
- Gustafson, Gilbert E., River Forest, and B. R. Criswell, Waukegan, Ill., assignors to Zenith Radio Corporation. Wearable electronic hearing aid. 2,668,197, Feb. 2.
- Gustafson, Gustaf W. 2,693,210, Cl. 146—40.
- Gustaveson, David W., assignor to General Electric Company. 2,679,359, Cl. 241—32.5.
- Gustavson, Elmer G., assignor to The Quaker Oats Company. 2,680,303, Cl. 34—13.
- Gustavsson, Karl A. G., to Aktiebolaget Enkopings Verkstad. 2,683,938, Cl. 34—57.
- Gustin-Bacon Mfg. Co.: *See*—
Moore, Lorenzo D. 2,681,289.
Stephens, Joseph F. 2,695,855.
- Gustin, George M., assignor to The G. M. Diehl Machine Works, Inc. 2,676,625, Cl. 143—55.
- Gustin, Ivan L. 2,682,726, Cl. 43—61.
- Gustus, Edwin L. 2,697,059, Cl. 167—65.
- Gutbrod Motorenbau G. m. b. H.: *See*—
Göschel, Karl-Heinz. 2,695,600.
- Guth, Durward O. 2,687,227, Cl. 215—3.
- Guth, Frederick A. and H. F. 2,684,275, Cl. 311—3.
- Guth, Harold F.: *See*—
Guth, Frederick A. and H. F. 2,684,275.
- Guthman, Edwin I., & Co., Inc., assignee: *See*—
Jacobson, Sava. 2,677,784.

- Guthmann, Hans. 2,679,883, Cl. 153—70.
 Guthrie, David B.: See—
 Speciale, Angelo J., and Guthrie. 2,694,089.
 Guthrie, Hugh D., C. P. Strand, and R. B. Olney, to Shell Development Co. 2,682,394, Cl. 261—113.
 Guthrie, John D.: See—
 McMillan, Oscar J., Jr., and Guthrie. 2,695,833.
 Reeves, Wilson A., and Guthrie.
 Guthrie, John D., L. H. Chance, and C. L. Hoffpauir, to the United States of America as represented by the Secretary of Agriculture. 2,681,846, Cl. 8—120.
 Gutman, Alfred S., Brookline, Mass. Reversible radial air gap eddy current clutch. 2,666,154, Jan. 12.
 Gutterman, Robert P., assignor to Engineering Research Associates, Inc. 2,677,794, Cl. 317—249.
 Guttridge, Eric J., and R. O. Parmenter, to Powers-Samas Accounting Machines Ltd. 2,692,729, Cl. 235—61.11.
 Guttwein, Gunter K., and F. K. Priebe, to the United States of America as represented by the Secretary of the Army. 2,695,211, Cl. 346—7.
 Gutzeit, Gregoire, to General American Transportation Corp. 2,694,019, Cl. 117—130.
 Gutzeit, Gregoire, to General American Transportation Corp. 2,697,651, Cl. 23—230.
 Gutzeit, Gregoire, W. J. Crehan, and A. Krieg, to General American Transportation Corp. 2,690,401, Cl. 117—47.
 Gutzeit, Gregoire, W. J. Crehan, and A. Krieg, to General American Transportation Corp. 2,690,403, Cl. 117—47.
 Gutzwiller, Ernst, to Sandoz A. G. 2,688,028, Cl. 260—374.
 Guy, Albert C., and R. E. Ulrich, to Radio Corp. of America. 2,686,828, Cl. 174—65.
 Guy, Frederick M., to U. S. Universal Joints Co. 2,682,434, Cl. 308—28.
 Guye, Georges J. A. 2,688,970, Cl. 128—333.
 Guyer, Ernest, Montreal, Quebec, Canada. Glandless pump and motor unit. 2,669,187, Feb. 16.
 Guyer, Morris W., to Calkins Mfg. Co. 2,691,468, Cl. 222—406.
 Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Carton. 2,665,837, Jan. 12.
 Guyer, Reynolds, to Waldorf Paper Products Co. 2,681,143, Cl. 206—65.
 Guyer, Reynolds, to Waldorf Paper Products Co. 2,681,173, Cl. 229—34.
 Guyer, Reynolds. 2,681,467, Cl. 15—339.
 Guyer, Reynolds, to Waldorf Paper Products Co. 2,685,401, Cl. 229—43.
 Guyer, Reynolds, to Waldorf Paper Products Co. 2,686,628, Cl. 229—23.
 Guyer, Walter R. F., Roselle, J. P. Thorn, Elizabeth, and E. Arundale, Westfield, N. J., assignors to Standard Oil Development Company. Making platinum-containing catalysts. 2,667,461, Jan. 26.
 Guyton, Elizabeth A. 2,677,134, Cl. 2—265.
 Gwillam, Oakley B. 2,694,859, Cl. 33—1.
 Gwin, George W., and R. M. Spokane, Wash. Child's auxiliary serving tray. 2,672,182, Mar. 16.
 Gwin, Ruth M.: See—
 Gwin, George W., and R. M.
 Gwinn, Myron B., and D. E. Hopkin. 2,674,974, Cl. 118—210.
 Gyax, Ernest F. 2,680,354, Cl. 62—129.
 Gynt, Sven, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Governor generator. 2,673,302, Mar. 23.
 György, Paul, R. Kuhn, and F. Zilliken, to American Home Products Corp. 2,694,640, Cl. 99—54.
 Gyro Process Company, The, assignee: See—
 Holland, William W.
 Gyrodyne Company of America, Inc., assignee: See—
 Papadakos, Peter J.
 Gysin, Hans, assignor to J. R. Geigy A. G. 2,679,508, Cl. 260—461.
 Gysin, Hans, A. Margot, and C. Simon, to J. R. Geigy A. G. 2,681,879, Cl. 167—33.
 Gysin, Hans, A. Margot, and C. Simon, to J. R. Geigy A. G. 2,681,914, Cl. 260—302.
 Gysin, Hans, A. Margot, and C. Simon, to J. R. Geigy A. G. 2,681,915, Cl. 260—310.
 Gysin, Hans, A. Margot, and C. Simon, to J. R. Geigy A. G. 2,681,916, Cl. 260—343.5.
 Gysin, Hans, A. Margot, and C. Simon, to J. R. Geigy A. G. 2,694,712, Cl. 260—256.4.
 H. & L. Tooth Co.: See—
 Launder, Ernie L.
 Launder, Ernie L. 2,687,585.
 H. M. R. Electronics, Incorporated, assignee: See—
 Rothacker, Francis N. 2,680,833.
 H. & O. Tool Co.: See—
 Butenhoff, Harry W. 2,695,525.
 H-P-M Development Corp.: See—
 Ashbaugh, Bernard D. 2,680,883.
 Tribbett, Murray C.
 Tucker, Warren R.
 Tucker, Warren R. 2,693,813.
 Haag, Emil G., Inglewood, Calif. Control mechanism for artificial legs. 2,672,618, Mar. 23.
 Haagen, Karl, to Farbenfabriken Bayer Aktiengesellschaft. 2,692,866, Cl. 260—2.2.
 Haagen, Leif E., to Western Electric Co., Inc. 2,688,449, Cl. 242—7.
 Haake, Paul T., to Crane Packing Co. Re. 23,898, Cl. 286—11.
 Haarmann, Arnold, Brambauer, Westphalia, Germany. Pit prop. 2,670,170, Feb. 23.
 Haas, Charles A., to P. G. Young. 2,691,966, Cl. 122—343.
 Haas, Clarence C.: See—
 Kriegbaum, George M., and Haas. 2,690,860.
 Haas, Clarence C., to International Harvester Co. 2,694,356, Cl. 97—245.
 Haas, Edgar, assignor to Herman Schwabe, Inc. 2,679,656, Cl. 12—1.
 Haas, Edward W., and D. L. Brown, to Rockwell Register Co. 2,685,406, Cl. 235—32.
 Haas, Edwin K., to Eastman Kodak Co. 2,688,414, Cl. 214—8.5.
 Haas, Frank L., to Haskris Co. 2,680,956, Cl. 62—3.
 Haas, Frederick S., Orgonia, and W. Tribble, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Truing mechanism. 2,665,681, Jan. 12.
 Haas, Harold G., to Bendix Aviation Corp. 2,683,249, Cl. 322—25.
 Haas, Harold G., to Bendix Aviation Corp. 2,689,326, Cl. 322—24.
 Haas, Harold G., to Bendix Aviation Corp. 2,689,327, Cl. 322—28.
 Haas, Margaret F. 2,697,892, Cl. 41—13.
 Haas, Otto R., to United Shoe Machinery Corp. 2,691,949, Cl. 112—59.
 Haas, Paul, assignor to Sylvania Electric Products Inc. 2,677,057, Cl. 250—36.
 Haas, Richard G., assignor to Sutherland Paper Company. 2,675,164, Cl. 229—36.
 Haas, Ruth B. 2,674,997, Cl. 128—149.
 Haas, Walter: See—
 Bergstein, Frank D., and Haas. 2,676,642.
 Haase, Jorgen I., to The Goodyear Tire & Rubber Co. 2,690,784, Cl. 154—9.
 Habe, John L.: See—
 Stanitz, Jacques, Ullman, and Habe. 2,692,602.
 Stanitz, Jacques, Ullman, and Habe. 2,692,605.
 Habel, Carl, to General Motors Corp. 2,692,424, Cl. 29—203.
 Haber, Charles L. 2,685,704, Cl. 15—209.
 Haber, Harry, New York, N. Y. Electric razor. 2,670,534, Mar. 2.
 Haber, Karl K.: See—
 Starr, Donald F., and Haber.
 Haber, Olga M., executrix: See—
 Haber, Oscar J.
 Haber, Oscar J., deceased, San Francisco, Calif., by O. M. Haber, executrix. Feeder for fish cutting machines. 2,672,647, Mar. 23.
 Haberl, Rudolf. 2,688,491, Cl. 279—53.
 Häberle, Albert, Essen-Werden, and F. Dittmer, Essen, Germany, assignors, by mesne assignments, to Koppers Company, Inc., Pittsburgh, Pa. Apparatus for heating or superheating fluent media using the heating effect of electrical currents. 2,672,549, Mar. 16.
 Habermann, William A., to Bulldog Electric Products Co. 2,696,541, Cl. 200—116.
 Haberstump, Alfred H., assignor to D. D. La Vine. 2,679,575, Cl. 240—6.4.
 Habgood, Warren J., to Eskimo Pie Corp. 2,689,544, Cl. 118—24.
 Habib, Backus, Detroit, Mich. Fishing rod light. 2,671,209, Mar. 2.
 Habicht, Ernst: See—
 Suter, Hans, and Habicht. 2,698,326.
 Habig, William E. 2,676,039, Cl. 285—97.3.
 Haboush, Edward J., Brooklyn, N. Y. Prosthesis for hip joint. 2,668,531, Feb. 9.
 Haboush, Edward J. 2,687,720, Cl. 128—84.
 Haboush, Edward J. 2,693,798, Cl. 128—83.
 Hac, Lucile R., to International Minerals & Chemical Corp. 2,687,369, Cl. 195—67.
 Hach, William, and D. G. Benjamin, to Corn Products Refining Co. 2,681,352, Cl. 260—345.7.
 Hachmeister, Harry A., Pittsburgh, Pa. Parquetry design asphalt tile die. 2,666,382, Jan. 19.
 Hachmuth, Karl H.: See—
 Dolezal, Edward, Hays, McCullough, and Hachmuth.
 Hachmuth, Karl H., to Phillips Petroleum Co. 2,685,556, Cl. 196—14.26.
 Hachmuth, Karl H., to Phillips Petroleum Co. 2,692,903, Cl. 260—679.
 Hachmuth, Karl H., and E. L. Jones, to Phillips Petroleum Co. 2,688,853, Cl. 62—122.
 Hachmuth, Karl H., and R. L. McIntire, to Phillips Petroleum Co. 2,689,875, Cl. 260—676.
 Hack, Heinrich K., to Carl Schenck Maschinenfabrik Darmstadt G. m. b. H. 2,682,046, Cl. 340—363.
 Hack, Walter L., to Western Gold & Platinum Works. 2,694,133, Cl. 219—20.
 Hacker, Hermann, Esslingen-Ruedern, assignor to Maschinenfabrik Esslingen A. G., Esslingen, Germany. Erecting cupola structures. 2,670,818, Mar. 2.
 Hackett, Norman H. 2,687,745, Cl. 137—460.
 Hackett, Theodore N.: See—
 Hendrickson, Donald E., Hackett, and Schwartz. 2,684,162.
 Hackett, Walter W., Oakland, Calif. Screw-adjusting tool. 2,666,350, Jan. 19.

- Hackley, Sherlock D., assignor to Kaiser Metal Products, Inc. 2,676,899, Cl. 117—128.
- Hackman, William C. 2,681,012, Cl. 103—148.
- Hackmann, Johannes T., to Shell Development Co. 2,690,457, Cl. 260—586.
- Hackney, Lyle R.: *See*—
Good, Frederick A., Jr., and Hackney. 2,688,761.
- Hadady, Robert E., to The American Instrument Co., Inc. 2,684,592, Cl. 73—335.
- Haddad, Amram: *See*—
Farkas, Eugene, and Haddad. 2,695,000.
- Haddad, Salomao J., to Standard Hosiery Mills. 2,696,096, Cl. 66—179.
- Hadden, Edward L., Westfield, J. H. Gaston, North Plainfield, and W. L. Anderson, Millburn, assignors to Stavid Engineering, Inc., Plainfield, N. J. Terminal block and cover assembly. 2,671,888, Mar. 9.
- Hadden, George H., assignor to Minshall-Estey Organ, Inc., Brattleboro, Vt. Frequency divider. 2,665,379, Jan. 5.
- Haddix, Robert J.: *See*—
Hott, Ion V. K., and Haddix. 2,681,077.
- Hadfield, Bertram M., to Automatic Electric Laboratories, Inc. 2,693,536, Cl. 250—36.
- Hadfield, Dennis, to William Jessop & Sons Ltd. 2,694,166, Cl. 317—202.
- Hadfield, Dennis, to William Jessop & Sons Ltd. 2,694,167, Cl. 317—202.
- Hadfield, Hugh R. 2,694,372, Cl. 112—2.
- Hadfield, John W., Jr.: *See*—
Hadfield, John W. and J. W., Jr. 2,696,385.
- Hadfield, John W. and J. W., Jr. 2,696,385, Cl. 273—149.
- Hadley, Benjamin H., Pomona, Calif. Apparatus for lining bearings. 2,670,509, Mar. 2.
- Hadley, Benjamin H., Pomona, Calif. Lining bearings. 2,670,511, Mar. 2.
- Hadley, David J.: *See*—
Woodcock, Charles A., Hadley, and Jacobs. 2,683,122.
- Hadley, David J., Epsom Downs, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Oxidation of olefins. 2,670,380, Feb. 23.
- Hadley, David J., Epsom Downs, England, and R. J. Nichol, Belfast, Northern Ireland, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of unsaturated aldehydes. 2,670,379, Feb. 23.
- Hadley, David J., Epsom Downs, R. Heap, Cheam, England, and R. J. Nichol, Belfast, Northern Ireland, assignors to The Distillers Company Limited, Edinburgh, Scotland. Oxidation of olefines. 2,670,381, Feb. 23.
- Hadley, H. A., Associates, Inc.: *See*—
Hadley, Harlan A. 2,685,482.
- Hadley, Harlan A. 2,692,772.
- Holt, Harold P. 2,692,771.
- Hadley, Harlan A., to H. A. Hadley Associates, Inc. 2,685,482, Cl. 308—2.
- Hadley, Harlan A., to H. A. Hadley Associates, Inc. 2,692,772, Cl. 265—54.
- Hadley, Ralph T., assignee: *See*—
Rawlings, John.
- Hadsel, Alvah D. 2,697,034, Cl. 75—112.
- Hadwich, Fritz. 2,688,837, Cl. 57—51.5.
- Haerberlein, Max, assignor to Worthington Corporation. 2,679,259, Cl. 137—107.
- Haede, Werner: *See*—
Lettre, Hans, Haede, and Ruhbaum. 2,697,096.
- Haefele, Donald G., to Eastman Kodak Co. 2,685,225, Cl. 88—17.
- Haef, Andrew V. 2,681,425, Cl. 315—13.
- Haef, Andrew V., and T. E. Hanley. 2,681,997, Cl. 250—36.
- Haef, Andrew V., and T. E. Hanley. 2,696,554, Cl. 250—17.
- Haefliger, Franz, assignor to J. R. Geigy, A. G. 2,674,600, Cl. 260—310.
- Haefner, Joseph T., assignor to The Budd Company, Philadelphia, Pa. Frame mounting and adjusting apparatus. 2,668,032, Feb. 2.
- Haegle, Otto P., assignor to White Castle System, Inc., Columbus, Ohio. Paper article of headwear. 2,669,725, Feb. 23.
- Haegle, Otto P., assignor to Joy Manufacturing Company. 2,675,847, Cl. 153—21.
- Haehnel, Herbert E., to Textile Machine Works. 2,682,164, Cl. 66—110.
- Haensel, Vladimir: *See*—
Murray, Maurice J., and Haensel. 2,689,208.
- Murray, Maurice J., and Haensel. 2,697,681.
- Haensel, Vladimir, Hinsdale, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of alumina particles. 2,667,404, Jan. 26.
- Haeuser, Orrin A.: *See*—
Kammuehler, William O., and Haeuser.
- Hafferty, William A.: *See*—
Wood, Edwin E., and Hafferty.
- Haffey, Jim, Oxford, Nebr. Motor vehicle window operator. 2,668,703, Feb. 9.
- Hafliker, Franz: *See*—
Girod, Emil, and Hafliker. 2,683,167.
- Häfliger, Franz, and W. Schindler, assignors to J. R. Geigy A. G., Basel, Switzerland. N-acyl derivatives of iminodibenzyl. 2,666,051, Jan. 12.
- Häfliger, Franz, and W. Schindler, assignors to J. R. Geigy A. G. 2,674,596, Cl. 260—239.
- Hafner, Ludwig G. P.: *See*—
Quirk, Justin P., Dalton, and Hafner. 2,695,640.
- Hagan Corp.: *See*—
Markson, Alfred A. 2,677,385.
- Markson, Alfred A. 2,686,635.
- Markson, Alfred A. 2,686,893.
- Markson, Alfred A. 2,688,253.
- Williams, Ray S.
- Hagan, Lamont: *See*—
Livak, John E., and Hagan. 2,690,953.
- Hagan, Lamont, to Deering Milliken Research Trust. 2,683,647, Cl. 8—56.
- Hagar, Elbert C. 2,678,631, Cl. 119—99.
- Hagby, Gustav V.: *See*—
Dalin, David, and Hagby. 2,681,047.
- Hage, Albert. 2,681,678, Cl. 151—37.
- Hage, Hildur, Uniondale, N. Y. Vacuum cleaner. 2,672,949, Mar. 23.
- Hagedorn, Albert E., Dayton, Ohio. Studding anchor. 2,666,238, Jan. 19.
- Hagel, Jack. 2,680,425, Cl. 119—98.
- Hagelfeldt, Lydia A., Stockholm, Sweden, assignor of one-third to G. Blomquist, New York, N. Y. Crib for babies. 2,672,627, Mar. 23.
- Hagelin, Boris C. W., and S. Ljungdahl. 2,681,253, Cl. 299—97.
- Hagelin, Boris C. W., and S. Ljungdahl. 2,695,662, Cl. 158—36.4.
- Hageline, Emil E.: *See*—
Lathrop, Harry D., and Hageline. 2,696,822.
- Hagemann, August: *See*—
Jacob, Eugen, Kolling, Stiebling, and Hagemann. 2,688,035.
- Hagemann, August, Duisburg-Meiderich, H. Kolling, Duisburg-Hamborn, and E. Jacob, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Neutralization of sulfonic acids and sulfuric acid esters. 2,671,797, Mar. 9.
- Hagemann, Elisabeth C. M.: *See*—
Jacob, Eugen, Kolling, Stiebling, and Hagemann. 2,688,035.
- Hagemeyer, Hugh J., Jr.: *See*—
Hull, David C., and Hagemeyer. 2,694,735.
- Hagemeyer, Hugh J., Jr., to Eastman Kodak Co. 2,691,045, Cl. 260—597.
- Hagemeyer, Hugh J., Jr., to Eastman Kodak Co. 2,691,047, Cl. 260—604.
- Hagemeyer, Hugh J., Jr., and D. C. Hull, to Eastman Kodak Co. 2,694,734, Cl. 260—604.
- Hagemeyer, Hugh J., Jr., and R. E. De Busk, assignors to Eastman Kodak Company. 2,678,925, Cl. 260—85.5.
- Hagen, Clarence R., and L. E. Nickla, Memphis, Tenn., assignors to International Harvester Company. Cotton picker spindle and doffer mechanism. 2,670,585, Mar. 2.
- Hagen, Clarence R., and P. J. Hulseberg, to International Harvester Co. 2,688,223, Cl. 56—11.
- Hagen, Clarence R., and L. E. Nickla, to International Harvester Co. 2,697,005, Cl. 298—18.
- Hagen, Harold F., Wellesley Hills, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Multiple-stage, centrifugal, refrigerant compressor. 2,671,604, Mar. 9.
- Hagen, Harold F., assignor to Union Stock Yards & Transit Company. 2,679,145, Cl. 62—123.
- Hagen, Jerry, to Minneapolis-Honeywell Regulator Co. 2,694,148, Cl. 250—36.
- Hagen, Peter A.: *See*—
Magaard, Hans, and Hagen.
- Hagen, William C. 2,684,701, Cl. 146—49.
- Hagen, William F. 2,694,850, Cl. 29—79.
- Hagenbook, Loy D., assignor to Goodman Manufacturing Company, Chicago, Ill. Trough. 2,665,798, Jan. 12.
- Hagenbook, Loy D., to Goodman Mfg. Co. 2,695,701, Cl. 198—192.
- Hagens, Walter G. 2,683,327, Cl. 43—148.
- Hagensen, Carl P. 2,682,220, Cl. 102—24.
- Hager, Harve L. 2,688,903, Cl. 90—40.
- Hager, James A., to General Electric Co. 2,683,837, Cl. 316—19.
- Hager, Karl F.: *See*—
Michel, Josef M., and Hager. 2,680,066.
- Michel, Josef M., Hager, and Rosenthal. 2,692,857.
- Hager, Karl F., and M. Rosenthal, to the United States of America as represented by the Secretary of the Army. 2,689,171, Cl. 23—230.
- Hager, Karl F., J. M. Michel, G. Heller, and J. G. Tschinkel, to the United States of America as represented by the Secretary of the Army. 2,690,386, Cl. 52—0.5.
- Hagerman, Gilbert H., to Robbins & Myers, Inc. 2,695,595, Cl. 118—502.
- Hagerty, Andrew T., assignor to The Adlake Company, Elkhart, Ind. Sash construction. 2,672,960, Mar. 23.
- Haggerty, Francis L., to the United States of America as represented by the Secretary of the Air Force. 2,683,011, Cl. 248—122.
- Haggerty, Patrick E., and R. W. Olson, Dallas, Tex., assignors to Texas Instruments Incorporated. Apparatus for automatic voltage and current control. 2,672,527, Mar. 16.
- Haglund, Didrik W., to Sandvikens Jernverks Aktiebolag. 2,689,108, Cl. 255—63.
- Hagnauer, Waldo W. 2,678,059, Cl. 137—376.

- Hagopian, Richard H.: *See*—
Boyd, Bruce, Rambo, and Hagopian. 2,691,732.
- Hagopian, Richard H., assignor to Westinghouse Electric Corporation. 2,679,593, Cl. 250—36.
- Hagopian, Richard H., to Westinghouse Electric Corp. 2,685,833, Cl. 99—253.
- Hagquist, Bernhard C.: *See*—
Meek, Melvin J. 2,684,318.
- Hagstrom, Carl J. N. 2,674,870, Cl. 70—353.
- Hagstrom, Gotthard, Greenwich, Conn., assignor to The Safe Padlock and Hardware Company, Lancaster, Pa. Latch bolt unit. 2,665,154, Jan. 5.
- Hagstrom, Gotthard, assignor to The Safe Padlock and Hardware Company. 2,677,266, Cl. 70—369.
- Hagstrom, Gotthard. 2,693,058, Cl. 51—101.
- Hague, Floyd T., to Westinghouse Electric Corp. 2,694,899, Cl. 60—39,14.
- Hague, Joseph R., assignee: *See*—
Sweeney, Charles W.
- Hague, Robert Z.: *See*—
Alexanderson, Howard A., and Hague. 2,678,639.
Alexanderson, Howard A., and Hague. 2,678,642.
- Hahn, Charles A., assignor to J. E. McAuley Mfg. Co., Chicago, Ill. Heat filter for intermittent light beam projectors. 2,667,807, Feb. 2.
- Hahn, Clair F. 2,681,791, Cl. 254—131.
- Hahn, George W., Dallas, Tex. Operator for overhead doors. 2,672,582, Mar. 16.
- Hahn, Hans-Joachim, and O. Horn, assignors to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Bruning. 2,676,939, Cl. 260—30,2.
- Hahn & Kolb, assignee: *See*—
Bauersachs, Walter. 2,679,780.
Venus, Wilibald.
- Hahn, Ladislaus A., and J. Fekete, assignors to Aktiebolaget Ferrosan. 2,675,406, Cl. 260—520.
- Hahn, Ladislaus A., and J. Fekete, to Aktiebolaget Ferrosan. 2,682,557, Cl. 260—520.
- Hahn, Ladislaus A., and J. Fekete, to Aktiebolaget Ferrosan. 2,688,036, Cl. 260—520.
- Hahn, Milton K. 2,675,945, Cl. 222—88.
- Hahn, Oscar, to Dowy Equipment Ltd. 2,697,636, Cl. 299—120.
- Hahn, Oscar W. 2,696,012, Cl. 4—10.
- Hahn, Rea I., to General Motors Corp. 2,683,099, Cl. 117—114.
- Hahn, Rea I., and C. M. Franklin, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Tube flaring and nut assembling machine. 2,664,619, Jan. 5.
- Hahn, Rea I., B. E. Frank, and D. P. Worden, assignors to General Motors Corporation. 2,678,097, Cl. 164—48.
- Hahn, Robert S., to The Heald Machine Co. 2,680,941, Cl. 51—165.
- Hahn, Stuart H., to Dalmo Victor Co. 2,682,491, Cl. 154—110.
- Hahn, William A.: *See*—
Vogel, Johann C., and Hahn. 2,686,593.
- Haidegger, Hans, to Ebauches S. A. 2,697,996, Cl. 113—18.
- Haig, Chester R., Jr. 2,686,570, Cl. 170—160,56.
- Haig, Elmer A., and L. W. Seifried, to Addressograph-Multigraph Corp. 2,693,756, Cl. 101—369.
- Haight, Robert J.: *See*—
Geressy, Thomas, and Haight. 2,686,614.
- Hailer, Albert H., Isleworth, and F. S. Saunders, London; said Hailer assignor to Alltools Limited, Brentford, England. Hydrostatic coupling. 2,667,184, Jan. 26.
- Hain, George M., and W. A. Zisman. 2,693,449, Cl. 252—42,1.
- Hain, John L.: *See*—
Young, Gerald W., and Hain.
- Haines, Betty F.: *See*—
Haines, John F. and B. F. 2,677,951.
- Haines, David L., assignor to The B. F. Goodrich Company. 2,675,252, Cl. 285—38.
- Haines, Harry W.: *See*—
Conroy, Edward H., Jr., and Haines. 2,687,844.
- Haines, Harvey A., to Westinghouse Air Brake Co. 2,684,435, Cl. 646—130.
- Haines, John F., Dayton, Ohio. Dynamoelectric machine with sealed rotor. 2,669,667, Feb. 16.
- Haines, John F. and B. F. 2,677,951, Cl. 68—245.
- Haines, John L. 2,697,603, Cl. 273—1,5.
- Haines, John R., and N. H. Mageoch, assignors to Western Electric Company, Incorporated. 2,678,705, Cl. 189—2.
- Haines, Marcus W., assignor to McGaffey-Taylor Corporation, Long Beach, Calif. Well tool. 2,671,514, Mar. 9.
- Haines, Paul G.: *See*—
McCoy, George, and Inman. 2,686,202.
- Haines, William C., La Salle, Ill. Blind stitching attachment for sewing machines. 2,669,956, Feb. 23.
- Haines, William J.: *See*—
Alway, Clayton D., Haines, Woods, and Drake. 2,692,820.
- Hainke, Oscar T. 2,689,620, Cl. 180—19.
- Hainke, Paul, Mower Corp., Inc., The: *See*—
Hainke, Paul W. 2,688,224.
- Hainke, Paul W., to The Paul Hainke Mower Corp., Inc. 2,688,224, Cl. 56—25,4.
- Hainsworth, John G.: *See*—
Bates, James E., and Hainsworth.
- Hainsworth, William R., Puente, Calif., assignor to Servel, Inc., New York, N. Y. Defrosting arrangement. 2,670,606, Mar. 2.
- Hainsworth, William R., Puente, Calif., assignor to Servel, Inc., New York, N. Y. Multiple temperature evaporator. 2,670,607, Mar. 2.
- Hainsworth, William R., Puente, Calif., assignor to Servel, Inc., New York, N. Y. Multiple temperature evaporator. 2,670,608, Mar. 2.
- Hair, Richard T., Franklin, assignor to Joy Manufacturing Company, Pittsburgh, Pa. Cable reeling mechanism. 2,670,153, Feb. 23.
- Haisen, Leslie W.: *See*—
Harrington, Ferris T., Martin, Elliot, and Haisen. 2,693,824.
- Haist, Grant M.: *See*—
Russell, Harold D., and Haist. 2,675,318.
- Haist, Grant M., and H. D. Russell, to Eastman Kodak Co. 2,685,514, Cl. 95—88.
- Hajek, Joseph: *See*—
Hein, George C., and Hajek.
- Hakala, Thomas H.: *See*—
Stewart, Joseph, and Hakala. 2,676,995.
- Håkansson, Åke G. A., Borlange, Sweden. Curtain track. 2,671,243, Mar. 9.
- Hake, Guest: *See*—
Cleminson, James A. C. C., and Hake. 2,675,456.
- Hakes, Marie W. 2,681,522, Cl. 38—99.
- Hakomaki, Raymond I.: *See*—
Huch, William F., and Hakomaki.
- Håkonsson, Waldemar. 2,698,017, Cl. 128—373.
- Halahan, John, T. F. Aronson, and F. A. Lyon, to Berlin & Jones Co., Inc. 2,688,830, Cl. 53—98.
- Halahan, John, T. F. Aronson, and F. A. Lyon, to Berlin & Jones Co., Inc. 2,690,102, Cl. 93—61.
- Halahan, John, T. F. Aronson, and F. A. Lyon, to Berlin & Jones Co., Inc. 2,690,337, Cl. 271—62.
- Halahan, John, T. F. Aronson, and F. A. Lyon, to Remington Rand Inc. 2,692,529, Cl. 88—24.
- Halamka, Charles J., Richmond, and L. R. La Porte, El Cerrito, assignors to California Research Corporation, San Francisco, Calif. Wax-oil separation process. 2,670,318, Feb. 23.
- Halbach, Ernest W., Summit, N. J., assignor to Cellulastic Corporation. Container for ampoules. 2,672,980, Mar. 23.
- Halberg, Robert W., assignor to Chrysler Corporation. 2,680,505, Cl. 192—111.
- Halberstadt, Joseph, assignor to Malone Bronze Powder Works Inc., Malone, N. Y. Tarnish-resistant bronze powder and treatment process therefor. 2,666,714, Jan. 19.
- Halbert, Eddie J. 2,693,935, Cl. 254—131.
- Halbig, Paul, Fribourg, Switzerland. Solutions of acrylonitrile polymers in mixtures of aqueous nitric acid and nitromethane. 2,671,768, Mar. 9.
- Halbriter, Percy H., Los Angeles, Calif. Cake preserver device. 2,664,810, Jan. 5.
- Halco Plastics, Inc.: *See*—
Corbett, Harold. 2,688,769.
- Haldeman, John M., assignor to General Motors Corporation. 2,679,129, Cl. 51—290.
- Hale, Arthur N., Stratford, E. L. Koenig, Westport, and W. J. Edwards, Stratford, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Presser lifter actuating mechanism for sewing machines. 2,664,841, Jan. 5.
- Hale, Arthur N., Park Ridge, Ill., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine feeding mechanism. 2,672,112, Mar. 16.
- Hale, Arthur N., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Zigzag sewing machine. 2,672,834, Mar. 23.
- Hale, Arthur N., to The Singer Mfg. Co. 2,686,486, Cl. 112—248.
- Hale, Cecil H.: *See*—
Richardson, Roger W., and Hale. 2,682,496.
- Hale, Cecil H., to Standard Oil Development Co. 2,681,368, Cl. 260—604.
- Hale, Cedric: *See*—
Jensen, Lloyd B., and Hale. 2,681,286.
- Hale, Chauncey C., to Standard Oil Development Co. 2,698,351, Cl. 260—683,15.
- Hale, Clifford E., and W. L. McKenna, to Detroit Harvester Co. 2,686,078, Cl. 296—116.
- Hale, Danforth R.: *See*—
Sobek, Andrew R., and Hale. 2,675,303.
- Hale, Donald H., and B. H. Owens, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Self-lighted control operating member. 2,672,551, Mar. 16.
- Hale, Frank B.: *See*—
Gross, William E., Hale, and Brown.
- Hale, Frank B., Bel Air, Md., assignor to the United States of America as represented by the Secretary of the Army. Fuze. 2,664,822, Jan. 5.
- Hale, Richard B. 2,686,633, Cl. 235—61.
- Hale, William C., Jr., assignor to South Chester Corporation. 2,674,754, Cl. 10—20,5.
- Hale, William F.: *See*—
Olson, Henry L., Miller, and Hale. 2,685,633.
Olson, Henry L., Miller, and Hale. 2,692,549.
- Hale, William J., to Verdurin Co. 2,690,388, Cl. 71—2,5.

- Hales, Everett B.: *See*—
Gray, John W., and Hales. 2,688,440
- Hales, Everett B., assignor to General Precision Laboratory Incorporated. 2,674,812, Cl. 35—10.4.
- Hales, Ralph A., to Atlas Powder Co. 2,692,879, Cl. 260—247.
- Haley, Kenneth M., and H. V. Trask, Ashland, Ky., assignors to Oglebay, Norton and Company, Cleveland, Ohio. Classification of indurated metalliferous agglomerates. 2,673,647, Mar. 30.
- Haley, Richard S. 2,677,733, Cl. 200—80.
- Haley, Stephen L. 2,695,741, Cl. 226—57.
- Halford, George C., Jr., Cleveland Heights, Ohio. Tooth cleaning device having absorbent laminations. 2,667,655, Feb. 2.
- Halford, Ralph S.: *See*—
Savitzky, Abraham, and Halford. 2,680,989.
- Hall, Arthur J. 2,675,755, Cl. 101—26.
- Hall, Arthur L., Memphis, Tenn. Powder mixer. 2,665,890, Jan. 12.
- Hall, Bartley E., to Bead Chain Mfg. Co. 2,681,545, Cl. 59—2.
- Hall Brothers, Inc., assignee: *See*—
Youngren, Milton D. 2,680,328.
- Hall, Charles E. P.: *See*—
Lehane, Timothy J., and Hall. 2,696,715.
- Hall, Chester L., to Sun Oil Co. 2,692,718, Cl. 226—129.
- Hall, Clifford, to Turner Tanning Machinery Co. Ltd. 2,685,791, Cl. 69—42.
- Hall, Colin C., to Sunvic Controls Ltd. 2,691,129, Cl. 323—68.
- Hall, Earnest A., to Atkomatic Valve Co., Inc. 2,694,544, Cl. 251—35.
- Hall, Ellis C., assignor to The Pump Development Company. 2,675,760, Cl. 103—44.
- Hall, Emery D. 2,679,008, Cl. 250—63.
- Hall, Gene F. 2,693,551, Cl. 315—83.
- Hall, Harry H., and O. E. Teichmann, assignors, by mesne assignments, to R. H. Morse, Jr. 2,678,625, Cl. 116—137.
- Hall, Herbert J., assignor to Research Corporation. 2,675,092, Cl. 183—7.
- Hall, James H., assignor to Fansteel Metallurgical Corporation. 2,674,712, Cl. 320—23.
- Hall, Jesse E., Weatherford, Tex. Well bore cleaning scratcher. 2,671,515, Mar. 9.
- Hall, Jesse E. 2,687,566, Cl. 29—236.
- Hall, Jesse E., Jr.: *See*—
Hall, Jesse E., Sr., and J. E. Hall, Jr. 2,686,358.
- Hall, Jesse E., Sr., Weatherford, Tex. Band end connection. 2,666,241, Jan. 19.
- Hall, Jesse E., Sr., and J. E. Hall, Jr. 2,686,358, Cl. 29—236.
- Hall, John A. 2,675,082, Cl. 166—22.
- Hall, John M., R. L. Andrews, D. J. Madsen, and M. F. McConnell, Jr., to Northrop Aircraft, Inc. 2,685,794, Cl. 73—88.
- Hall, Keith W., Toledo, Ohio, assignor, by mesne assignments, to Baldwin-Lima-Hamilton Corporation. Force measuring attachment for presses. 2,670,626, Mar. 2.
- Hall Laboratories, Inc.: *See*—
Albrecht, Kurt.
Rice, Owen. 2,689,780.
Roland, Charles T.
- Hall, Lawrence E. 2,686,305, Cl. 132—56.
- Hall, Lawrence G. 2,681,577, Cl. 74—478.
- Hall, Lloyd A., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Manufacture of meat-curing composition. 2,668,770, Feb. 9.
- Hall, Lloyd A., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Stable curing salt composition and manufacture thereof. 2,668,771, Feb. 9.
- Hall, Lloyd A., assignor to The Griffith Laboratories, Inc. 2,677,616, Cl. 99—163.
- Hall, Lois W. 2,696,017, Cl. 15—388.
- Hall, Marchand B., to Acme Visible Records, Inc. 2,690,781, Cl. 153—1.
- Hall, Matthew, & Company Limited, assignee: *See*—
Moon, Amos F. W.
- Hall, Maurice B., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,808, Cl. 333—9.
- Hall, Myron C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Removing carbon bisulfide from viscose fiber with a liquid seal vacuum pump. 2,673,785, Mar. 30.
- Hall, Nathan I.: *See*—
Cornell, Warren A., Hall, Hecht, Koechling, Korn, and Powell.
Cornell, Warren A., Hall, and Powell. 2,697,140.
- Hall, Nathan I., West Los Angeles, Calif., G. Hecht, Astoria, and C. D. Koechling, Floral Park, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic register for telephone switching systems. 2,668,931, Feb. 9.
- Hall, Nelson. 2,680,374, Cl. 73—100.
- Hall, Paul: *See*—
Hutchinson, Arthur J. L., Fish, and Hall. 2,687,184.
- Hall, Peter P-G., assignor to The Hall Planetary Company, Philadelphia, Pa. Air chuck. 2,671,666, Mar. 9.
- Hall Planetary Company, The, assignee: *See*—
Hall, Peter P-G.
- Hall, Preston M. 2,688,948, Cl. 118—42.
- Hall, Ralph D., assignor to Electrofilm Corporation. 2,679,569, Cl. 201—73.
- Hall, Ralph S. 2,680,867, Cl. 15—119.
- Hall, Ralph W., assignor to The Randall Company, Cincinnati, Ohio. Entry table for slitting mills. 2,665,756, Jan. 12.
- Hall, Ralph W., and E. E. White, assignors to The Randall Company. 2,674,394, Cl. 224—42.24.
- Hall, Reginald H., D. I. H. Jacobs, and M. V. Jacquet, to The Distillers Co. Ltd. 2,690,260, Cl. 209—166.
- Hall, Richard L., to Union Mfg. Co. 2,680,960, Cl. 66—173.
- Hall, Robert E.: *See*—
Hall, Winfield E., Jr., and R. E., and Perriguet. 2,677,489.
- Hall, Robert N., to General Electric Co. 2,689,930, Cl. 317—234.
- Hall, Robert T., to Kelsey-Hayes Wheel Co. 2,687,454, Cl. 200—61.41.
- Hall, Robert T., to Kelsey-Hayes Wheel Co. 2,693,251, Cl. 188—3.
- Hall, Roy D., assignor to Westinghouse Electric Corporation. 2,675,310, Cl. 75—224.
- Hall, Sidney L., to United States Hoffman Machinery Corp. 2,681,753, Cl. 223—67.
- Hall, Stephen N.: *See*—
Clarke, John T., Hall, and Weimer. 2,690,458.
- Hall Telephone Accessories Limited, assignee: *See*—
Piggott, John, Whillock, and Marriott. 2,677,473.
Travers, Walter A., and Butler.
- Hall, Teller B. 2,690,339, Cl. 273—96.
- Hall, W. F., Printing Co.: *See*—
Lukey, Robert K. 2,682,400.
- Hall, William C. 2,684,551, Cl. 43—42.36.
- Hall, William D.: *See*—
Toulon, Pierre M. G.
Toulon, Pierre M. G. 2,685,644.
Toulon, Pierre M. G. 2,686,261.
Toulon, Pierre M. G. 2,689,928.
Toulon, Pierre M. G. 2,691,151.
- Hall, Winfield E., Jr., and R. E., and F. B. Perriguet, assignors, by mesne assignments, to American Trust Company, as trustee. 2,677,489, Cl. 229—4.5.
- Hallander, Elvin E., West Caldwell, assignor to International Projector Corporation, Bloomfield, N. J. Mounting for centrifugal machines. 2,665,007, Jan. 5.
- Hallas, Lister: *See*—
Coppard, Anthony H., Hallas, King, and Searles. 2,689,334.
- Hallden, Frederick G., Bellerose, N. Y., G. H. Ridings, Summit, D. M. Zabriskie, Northvale, and R. D. Parrott, West New York, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. System and apparatus for facsimile telegraph transmission and recording. 2,672,503, Mar. 16.
- Hallen Company, Inc., The, assignee: *See*—
Poole, Arthur E., and Kirk. 2,675,213.
- Hallendoff, Carl J. H., Bromma, Stockholm, Sweden. Device for measuring roughness of surfaces. 2,672,049, Mar. 16.
- Haller, Andreas, assignor to Bayerische Motoren Werke A. G., Munich, Germany. Steering mechanism for motor vehicles. 2,670,966, Mar. 2.
- Haller, John, assignor to Michigan Powdered Metal Products Co., Inc., Northville, Mich. Self-aligning powdered metal bearing. 2,669,491, Feb. 16.
- Haller, John, to Michigan Powdered Metal Products Co., Inc. 2,695,230, Cl. 75—208.
- Haller, John F., assignor to Mathieson Chemical Corporation. 2,675,299, Cl. 23—190.
- Haller, John F., assignor to Mathieson Chemical Corporation. 2,675,300, Cl. 23—190.
- Haller, John F., assignor to Mathieson Chemical Corporation. 2,678,258, Cl. 23—190.
- Haller, William J., to Ivers-Lee Co. 2,685,911, Cl. 154—42.
- Hallerberg, Theodore W., R. L. Roberts, Jr., J. N. Schmidt, and H. H. Flum, said R. L. Roberts, Jr., said Schmidt, and said Flum assignors to said Hallerberg. 2,677,124, Cl. 340—214.
- Hallett Manufacturing Co.: *See*—
Balzer, Vernon W.
Balzer, Vernon W. 2,688,170
- Halliburton, Erle P., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Opposed piston pump. 2,673,519, Mar. 30.
- Halliburton Oil Well Cementing Co.: *See*—
Beyer, Frank A., Jr., and Adamson. 2,689,007.
- Halliburton, Erle P.
- Hallikainen, Kauko E., Berkeley, and D. J. Pompeo, Oakland, assignors to Shell Development Company, San Francisco, Calif. Continuous electrometric titration. 2,668,097, Feb. 2.
- Hallinan, William W. 2,692,684, Cl. 210—166.
- Hallisey, John C., Chicago, Ill. Portable inhalator. 2,667,397, Jan. 26.
- Halliwell, Ronald H., assignor to E. I. du Pont de Nemours and Company. 2,680,761, Cl. 260—465.8.
- Hallock, Louis L., to Sterling Drug Inc. 2,681,365, Cl. 260—567.6.
- Hallock, Louis L., to Sterling Drug Inc. 2,691,676, Cl. 260—567.6.
- Hallock, Robert L. 2,674,860, Cl. 62—108.5.

- Hallock, Robert L. 2,683,358, Cl. 62—108.5.
Halm, Eduard. 2,692,817, Cl. 23—206.
Halm, Eduard, O. Saladin, and W. von der Bey, to Saeure-fabrik Schweizerhall. 2,684,393, Cl. 13—23.
Haloid Co., The: *See*—
Mayo, Clyde R., and Lewis. 2,684,902.
Sabel, Edward R., and Mayo. 2,684,901.
Walup, Lewis E., and Copley. 2,689,179.
Haloro, Inc., assignee: *See*—
Lower, Frank K., and Hatz.
Halpern, Bernard R., New York, N. Y. Paper-cutting machine. 2,672,197, Mar. 16.
Halpern, Jack, and F. A. Forward, Vancouver, British Columbia, assignors to National Research Council, Ottawa, Ontario, Canada. Precipitation of vanadium oxides. 2,665,970, Jan. 12.
Halpern, Julius, Brookline, Mass., and N. F. Ramsey, Santa Fe, N. Mex., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Conical scanning antenna. 2,671,854, Mar. 9.
Halpert, Percy: *See*—
Brannin, Richard S., Jr., and Halpert.
Halpert, Percy, to The Sperry Corp. 2,686,021, Cl. 244—77.
Halross Instruments Corp. Ltd.: *See*—
Greenwood, Kenneth M., and Mazerall. 2,693,575.
Hals, Lyle J., St. Paul, T. S. Reid, New Canada Township, Ramsey County, and G. H. Smith, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Making perfluoro olefins. 2,668,864, Feb. 9.
Halsey, George D., Jr.: *See*—
Kistiakowsky, George B., Halsey, Malin, and Knight. 2,690,960.
Halstead, William S., to Multiplex Development Corp. 2,696,611, Cl. 343—176.
Halstead, William S., to Multiplex Development Corp. 2,697,745, Cl. 178—5.8.
Haltenberger, Jules, Rancho Santa Fe, Calif. Expansion cooling. 2,670,613, Mar. 2.
Haltenberger, Jules, Rancho Santa Fe, Calif. Motor vehicle door lock accessory. 2,670,623, Mar. 2.
Haltenberger, Jules, Rancho Santa Fe, Calif. Automobile rear window defroster. 2,670,671, Mar. 2.
Haltenberger, Jules. 2,678,680, Cl. 155—5.
Haltenberger, Jules. 2,678,681, Cl. 155—14.
Haltenberger, Jules. 2,681,687, Cl. 155—14.
Haltenberger, Jules. 2,681,688, Cl. 155—14.
Halter, Allan C., assignor to Allis-Chalmers Manufacturing Company. 2,677,080, Cl. 318—7.
Halvorsen, Roy A. 2,698,267, Cl. 148—11.5.
Halvorsen, Wilmet P. 2,681,194, Cl. 248—29.
Halvorson, Gaylord H., E. H. Lutz, and J. F. Swensen, Duluth, Minn. Determining sulfur contents by combustion. 2,669,504, Feb. 16.
Ham, George E.: *See*—
Gluesenkamp, Earl W., and Ham. 2,674,592.
Trementozzi, Quirino A., and Ham. 2,687,393.
Ham, George E., assignor, by mesne assignments, to The Chemstrand Corporation. 2,676,952, Cl. 260—85.5.
Ham, George E., assignor to The Chemstrand Corporation. 2,676,953, Cl. 260—85.5.
Ham, George E., to Monsanto Chemical Co. 2,683,703, Cl. 260—88.3.
Ham, George E., to The Chemstrand Corp. 2,686,169, Cl. 260—45.5.
Ham, George E., to The Chemstrand Corp. 2,691,645, Cl. 260—79.5.
Ham, George E., to The Chemstrand Corp. 2,696,483, Cl. 260—79.5.
Ham, George E., and A. B. Craig, Dayton, Ohio, assignors, by mesne assignments, to The Chemstrand Corporation. Dye-receptive acrylonitrile polymers. 2,671,072, Mar. 2.
Ham, George E., and A. B. Craig, to The Chemstrand Corp. 2,691,641, Cl. 260—45.5.
Ham, John L., F. P. Bens, A. J. Herzig, and G. A. Timmons, assignors to Climax Molybdenum Company. 2,678,268, Cl. 75—176.
Ham, John L., F. P. Bens, A. J. Herzig, and G. A. Timmons, assignors to Climax Molybdenum Company. 2,678,269, Cl. 75—176.
Ham, John L., F. P. Bens, A. J. Herzig, and G. A. Timmons, assignors to Climax Molybdenum Company. 2,678,270, Cl. 75—176.
Ham, John L., F. P. Bens, A. J. Herzig, and G. A. Timmons, assignors to Climax Molybdenum Company. 2,678,271, Cl. 75—176.
Ham, John L., F. P. Bens, A. J. Herzig, and G. A. Timmons, assignors to Climax Molybdenum Company. 2,678,272, Cl. 75—176.
Ham, John L., F. P. Bens, A. J. Herzig, and G. A. Timmons, assignors to Climax Molybdenum Company. 2,679,455, Cl. 75—176.
Hamacher, Edward A., to North American Philips Co., Inc. 2,695,102, Cl. 209—364.
Hamacher, Murrell L., to Chrysler Corp. 2,684,277, Cl. 312—290.
Hamaker, John D. 2,675,922, Cl. 211—43.
Hamaker, Paul R. 2,683,951, Cl. 43—61.
Hamalainen, Carl, to the United States of America as represented by the Secretary of Agriculture. 2,681,295, Cl. 117—137.
Hamann, Hans K.: *See*—
Pirone, Frank J., and Hamann. 2,691,781.
Hamberg, Lennart O., Brouma, Sweden. Magnetic recording and reproducing applicator. 2,673,248, Mar. 23.
Hamblin, Clyde M., Washington, D. C. Safe diaper clasp. 2,672,667, Mar. 23.
Hamburg, Herman, assignor to Syntics Limited. 2,676,884, Cl. 92—21.
Hamburg, Herman, assignor to Syntics Limited. 2,676,885, Cl. 92—21.
Hamburg, Samuel. 2,682,951, Cl. 209—261.
Hamel, Richard T. 2,695,193, Cl. 296—97.
Hamelink, Cornelis A. S.: *See*—
Starreveld, Remmer W., and Hamelink. 2,684,201.
Hamer, Leland S., Long Beach, assignor of one-fourth to P. A. Dewhurst, Los Angeles, Calif. Line blind construction. 2,664,918, Jan. 5.
Hamer, Leland S., Long Beach, assignor of one-fourth to P. A. Dewhurst, Los Angeles, Calif. Angular flow control fitting. 2,671,471, Mar. 9.
Hamer, Leland S., $\frac{1}{4}$ to P. A. Dewhurst. 2,695,633, Cl. 138—94.3.
Hamer, Sam P., Fort Worth, Tex. Tubing swab. 2,672,383, Mar. 16.
Hamill, Raymond L. 2,681,809, Cl. 280—12.
Hamilton, Arthur L. 2,682,129, Cl. 43—43.1.
Hamilton, Bert C., La Grande, Oreg. Extractor tool for bearing bushings. 2,671,263, Mar. 9.
Hamilton, Bert C. 2,682,103, Cl. 29—275.
Hamilton, Bertis F., Columbus, Ind. Vertically adjustable pedestal chair. 2,673,590, Mar. 30.
Hamilton, Bertis F., to Hamilton Mfg. Corp. 2,682,297, Cl. 155—194.
Hamilton Bertis F. 2,687,166, Cl. 155—77.
Hamilton, Fred R., assignee: *See*—
Hamilton, Ralph A.
Hamilton, Frederick L.: *See*—
Patrickson, John B., and Hamilton. 2,696,573.
Hamilton, Harry H., and A. R. Barr. 2,692,697, Cl. 220—3.6.
Hamilton, James P., St. Louis Park, Minn. Calendar. 2,673,099, Mar. 23.
Hamilton, Jean W.: *See*—
Anderson, John W., and Hamilton. 2,677,811.
Hamilton, Jean W., assignor to Airtron, Inc. 2,675,832, Cl. 138—58.
Hamilton, John: *See*—
Redman, Frank R., Hamilton, and Wilson. 2,684,519.
Hamilton, John, assignor to Proctor & Schwartz, Inc. 2,680,279, Cl. 26—55.
Hamilton, Joseph P., to C. Dreifus, Jr. 2,688,433, Cl. 229—34.
Hamilton, Karl M. 2,675,765, Cl. 105—197.
Hamilton, Lyle A., and C. F. Feasley, to Socony-Vacuum Oil Co., Inc. 2,689,251, Cl. 260—408.
Hamilton Mfg. Corp.: *See*—
Froelich, George E. 2,675,565.
Hamilton, Bertis F. 2,682,297.
O'Neil, Charles S.
O'Neil, Charles S. 2,675,628.
Hamilton, Matthew E., Stockton, Calif., assignor to J. I. Case Company, Racine, Wis. Side-delivery rake. 2,672,005, Mar. 16.
Hamilton Metal Products Co., The: *See*—
Piker, Herbert M., and Schultz. 2,679,947.
Piker, Herbert M., and Schultz. 2,689,427.
Piker, Herbert M., and Schultz. 2,693,661.
Hamilton, Ralph A., assignor of one-half to F. R. Hamilton, Glendale, Calif. Magnetically operated preselector. 2,668,588, Feb. 9.
Hamilton, Robert H.: *See*—
Gilmont, Roger, and Hamilton.
Hamilton Tool Co., The: *See*—
De Lano, Walter W. 2,694,570.
Huffman, Harold W.
Hamilton, W. L., & Company, assignee: *See*—
Hamilton, William L. 2,676,062.
Hamilton Watch Co.: *See*—
Redman, Frank B. 2,693,631.
Rueger, Herman. 2,690,645.
Sheldon, Charles W.
Van Haaften, Egbert.
Van Haaften, Egbert. 2,685,924.
Van Haaften, Egbert, and Reber. 2,690,688.
Vermot, Henri E. 2,690,644.
Hamilton, William C., to Mine Safety Appliances Co. 2,693,181, Cl. 128—191.
Hamilton, William C., and F. Bub, assignors to Mine Safety Appliances Company. 2,679,844, Cl. 128—191.
Hamilton, William C., and E. M. Becker, to Mine Safety Appliances Co. 2,695,022, Cl. 128—191.
Hamilton, William L., assignor to W. L. Hamilton & Company. 2,676,062, Cl. 299—129.
Hamilton, William R., assignor of fifty per cent to C. D. Brown, Weir, Kans. Bait bucket. 2,671,290, Mar. 9.
Hamilton, William S. H., Larchmont, N. Y. Starting and operating circuits for fluorescent lamps. 2,667,604, Jan. 26.
Hamilton, William S. H. 2,687,495, Cl. 315—96.
Hamilton, William S. H. 2,697,801, Cl. 315—96.
Hamiter, Ernest J.: *See*—
Ellis, Harvey W., and Hamiter. 2,690,144.

- Hamler, Robert J., Pittsburgh, Pa. Tool for handling retaining rings. 2,669,772, Feb. 23.
- Hamlin, Charles E.: *See—*
Friedman, Andrew J., Hamlin, and Einerson. 2,681,726.
- Hamlin, Halley H., and D. E. Lawson, to Hupp Corp. 2,685,952, Cl. 194—13.
- Hamlin, John. 2,678,759, Cl. 223—95.
- Hamlin, Lewis W. 2,690,798, Cl. 160—104.
- Hamlin, Richard B.: *See—*
Donehower, William P., and Hamlin. 2,688,413.
- Hamm, Albert L., to The Raymond Bag Co. 2,696,256, Cl. 164—61.
- Hamm, Douglas W., assignor to Muskegon Piston Ring Company, Muskegon, Mich. Making piston rings. 2,668,131, Feb. 2.
- Hamm, Douglas W., assignor to Muskegon Piston Ring Company. 2,676,076, Cl. 309—45.
- Hamm, Douglas W., assignor to Muskegon Piston Ring Company. 2,680,045, Cl. 309—45.
- Hamm, Douglas W., to Muskegon Piston Ring Co. 2,694,608, Cl. 309—43.
- Hamm, James R., to Westinghouse Electric Corp. 2,693,676, Cl. 60—39.71.
- Hamm, Max A. 2,678,528, Cl. 58—22.5.
- Hamm, Philip C.: *See—*
Roos, Elizabeth S., and Hamm.
- Hammarén, Nils W., Mineola, N. Y. Gas turbine power plant with exhaust gas recycling. 2,669,092, Feb. 16.
- Hammarlund Manufacturing Company, Inc., The, assignee: *See—*
Kulansky, Jack K.
- Hammarstrom, Charles A. 2,688,457, Cl. 248—48.1.
- Hammel-Dahl Co.: *See—*
Dahl, Edward T., and Kneisel.
Vandal, Normand O. 2,697,599.
- Hammell, Kemper M., Harrisburg, Pa., assignor to General Electric Company. Combination water heating and room cooling system and method employing heat pumps. 2,668,420, Feb. 9.
- Hammell, Kemper M., Harrisburg, Pa., assignor to General Electric Company. Heat exchanger. 2,668,692, Feb. 9.
- Hammer, Arthur O.: *See—*
Griak, Mike, and Hammer. 2,691,910.
- Hammer, Fritz. 2,690,143, Cl. 107—52.
- Hammer, Irving P., and J. B. Rust, $\frac{1}{2}$ to Montclair Research Corp., and $\frac{1}{2}$ to Ellis Foster Co. 2,696,448, Cl. 117—103.
- Hammer, Joseph. 2,694,214, Cl. 16—97.
- Hammer, Thomas R., H. H. Ingersoll, and C. R. Hodges, Edinburg, Tex. Pump liner spacer stud. 2,665,178, Jan. 5.
- Hammerly, Herman J., Plainville, Conn., assignor, by mesne assignments, to General Electric Company. Solderless terminal. 2,666,910, Jan. 19.
- Hammerly, Herman J., Plainville, Conn., assignor, by mesne assignments, to General Electric Company. Bus duct switch. 2,669,632, Feb. 16.
- Hammerly, Herman J., and C. B. Turton, to General Electric Co. 2,696,533, Cl. 191—23.
- Hammerslag, Jay P., Jr. 2,683,010, Cl. 248—120.
- Hammerstrand, Clarence R., Rockford, Ill. Circuit closer. 2,665,340, Jan. 5.
- Hammes, John W., Racine, Wis. Automatic control for garbage grinders. 2,667,308, Jan. 26.
- Hammesfahr, Willi, Solingen-Wald, Germany, assignor to J. G. Treacy, New York, N. Y. Frame for handbags and the like. 2,670,020, Feb. 23.
- Hammett, Robert L., assignor to the United States of America as represented by the Secretary of War. 2,680,223, Cl. 318—28.
- Hammitt, Andrew B., Trenton, and H. L. Birum, Jr., Titusville, N. J. Fastening means for corrugated sheet material. 2,665,780, Jan. 12.
- Hammon, George L., to National Welding Equipment Co. 2,685,300, Cl. 137—382.
- Hammon, Henry G., Stevensville, Mich., assignor, by mesne assignments, to C. L. Wilson, Columbus, Ohio. Making a sponge material and the product resulting therefrom. 2,668,153, Feb. 2.
- Hammond, Benjamin F.: *See—*
Hammond, Eleanor M. and B. F.
- Hammond, Douglas L., and W. C. Boyce, to Chance Vought Aircraft, Inc. 2,685,422, Cl. 244—83.
- Hammond, Eleanor M. and B. F., assignors of forty per cent to E. V. Peterson, Brainerd, Minn. Toopaste tube having a hollow head with a cap fitted thereon for controlling dispensing. 2,667,992, Feb. 2.
- Hammond, Eugene H.: *See—*
Wetherbee, George D., and Hammond. 2,689,090.
- Hammond Furniture Co. Ltd., assignee: *See—*
Watt, William A.
- Hammond Iron Works, assignee: *See—*
Fino, Alexander F., and Plummer.
- Hammond, John: *See—*
Darby, Paul F., Kinraide, Hentschel, and Hammond.
- Hammond, John A. S., to National Distillers Products Corp. 2,691,649, Cl. 260—239.
- Hammond, John A. S., to National Distillers Products Corp. 2,691,650, Cl. 260—239.
- Hammond, John G.: *See—*
Musk, Henry A., and Hammond. 2,689,941.
- Hammond, John H., Jr.: *See—*
Purington, Ellison S., and Hammond. 2,680,148.
- Hammond, John H., Jr. 2,689,083, Cl. 235—61.5.
- Hammond, John H., Jr. 2,689,114, Cl. 259—108.
- Hammond, John H., Jr., and A. D. Trenor, Gloucester, Mass.; said Trenor assignor to said Hammond, Jr. Landing aid. 2,669,703, Feb. 16.
- Hammond, John H., Jr., and A. D. Trenor; said Trenor to said Hammond, Jr. 2,692,145, Cl. 280—432.
- Hammond, Lee C., D. E. Sutton, A. L. Vander Linde, and E. C. Krueger, to Hammond Machinery Builders, Inc. 2,688,275, Cl. 90—25.
- Hammond Machinery Builders, Inc.: *See—*
Hammond, Lee C., Sutton, Vander Linde, and Krueger. 2,688,275.
- Vander Linde, Adrian L.
- Hammond, Milton B., and G. B. Bowman, assignors, by mesne assignments, to Rockwell Spring and Axle Company. 2,676,917, Cl. 204—36.
- Hammond Organ Co.: *See—*
Hanert, John M.
Hanert, John M. 2,681,585.
Hanert, John M. 2,687,665.
Hanert, John M. 2,691,318.
- Hammond, Ralph E., to Cameron Iron Works, Inc. 2,683,999, Cl. 78—60.
- Hammond, William E., to The Air Preheater Corp. 2,684,230, Cl. 257—6.
- Hammond, William E., Wellsville, J. A. Lidford, Friendship, and C. A. Ballard, Belmont, assignors to The Air Preheater Corporation, New York, N. Y. Floating radial seal for regenerative heat exchangers. 2,670,183, Feb. 23.
- Hammond, William E., Wellsville, and C. A. Ballard, Belmont, assignors to The Air Preheater Corporation, New York, N. Y. Adjustable axial seal for regenerative heat exchanger. 2,670,934, Mar. 2.
- Hammond, William E., and J. A. Lidford, assignors to The Air Preheater Corporation. 2,674,442, Cl. 257—6.
- Hamner, Glen P.: *See—*
Fuqua, Mack C., and Hamner.
- Hamol A.-G., assignee: *See—*
Schäppi, Gottfried. 2,680,746.
- Hampe, George W., and B. W. Storer, Jr. 2,676,208, Cl. 179—2.
- Hampel, Clifford A.: *See—*
Williamson, Hilding V., and Hampel. 2,683,651.
- Hampson, Noel A., J. Downing, and J. G. N. Drewitt, assignors to British Celanese Limited. 2,679,450, Cl. 18—54.
- Hampson, Noel A., J. Downing, and J. G. N. Drewitt, assignors to British Celanese Limited. 2,679,492, Cl. 260—29.6.
- Hampton Engineering Co.: *See—*
Rostine, Carl A. 2,698,103.
- Hampton, John H., to Beaumont Birch Co. 2,685,986, Cl. 222—200.
- Hampton, John H., and T. E. Pynor, to Beaumont Birch Co. 2,686,083, Cl. 302—53.
- Hamsher, Donald H.: *See—*
Brenner, Millard M., Appleton, Lippel, and Hamsher. 2,685,054.
- Hanaford, John U., Jr., and W. C., Sr. 2,677,264, Cl. 70—230.
- Hanaford, William C., Sr.: *See—*
Hanaford, John U., Jr., and W. C., Sr. 2,677,264.
- Hanauer, Henry J. 2,694,866, Cl. 33—215.1.
- Hanaway, Eugene A.: *See—*
Sogn, Harold J., and Hanaway. 2,681,661.
- Hanby, William E.: *See—*
Bamford, Clement H., and Hanby. 2,697,085.
- Hancock, Arnold L.: *See—*
Barker, Clifford L., and Hancock. 2,690,883.
- Hancock, Charles L. 2,694,255, Cl. 30—313.
- Hancock, Harold E.: *See—*
Schneider, Carl A., and Hancock. 2,698,067.
Soller, Walter, Schneider, and Hancock. 2,695,982.
- Hancock, Harold E., and C. A. Schneider, to The Shepard Elevator Co. 2,690,236, Cl. 187—29.
- Hancock, John W., Jr.: *See—*
Bass, Sam T., Jr., and Hancock. 2,695,591.
- Hancock, Kenneth G.: *See—*
Caldwell, Harry B., and Hancock. 2,687,857.
- Hancock, Leslie J. 2,675,224, Cl. 266—23.
- Hancock Mfg. Co.: *See—*
Baker, Albert F. 2,683,616.
Marple, Rollo. 2,674,448.
Marple, Rollo. 2,680,037.
- Hancock, Peter L., to International Telephone and Telegraph Corp. 2,697,220, Cl. 343—107.
- Hancock, Robert D., to Northrop Aircraft, Inc. 2,695,938, Cl. 200—152.
- Hand, Clare: *See—*
Monroe, Ezra, and Hand.
- Handley, John, assignor to The Union Totalisator Company Limited. 2,680,561, Cl. 235—92.
- Handley, John, to The Union Totalisator Co. Ltd. 2,694,523, Cl. 235—92.
- Handley, Richard G. 2,694,931, Cl. 73—425.2.
- Handren, Arthur V., Jr., to No-Sag Spring Co. 2,696,871, Cl. 155—179.

- Handren, Arthur V., Jr., and H. A. Vogel, to No-Sag Spring Co. 2,685,330, Cl. 155—179.
- Handschin, Max G., Zurich, Switzerland, assignor to Promundo, Schaan, Liechtenstein. Telephonograph with answering device. 2,665,337, Jan. 5.
- Handy & Harman, assignee: *See—*
Chamer, Ernest S.
- Haneline, Carl D.: *See—*
Gay, Godwin R. F., and Haneline. 2,690,626.
- Haner, Robert B., Jr., to General Railway Signal Co. 2,682,639, Cl. 332—17.
- Haner, Roseanna S. 2,690,755, Cl. 131—236.
- Hanert, John M., Park Ridge, Ill., assignor to Hammond Organ Company. Electrical melody instrument. 2,672,068, Mar. 16.
- Hanert, John M., assignor to Hammond Organ Co. 2,681,585, Cl. 84—124.
- Hanert, John M., to Hammond Organ Co. 2,687,665, Cl. 84—101.
- Hanert, John M., to Hammond Organ Co. 2,691,318, Cl. 84—101.
- Hanes Hosiery Mills Co.: *See—*
Stack, Vernon T. 2,685,786.
- Hanes, Vaughn D., assignor to Emsco Manufacturing Company, Los Angeles, Calif. Compounding transmission and clutch assembly therefor. 2,672,768, Mar. 23.
- Haney, Donald W.: *See—*
Brand, Samuel, and Haney. 2,690,221.
- Haney, George E., and G. N. Krouse. 2,697,564, Cl. 242—96.
- Haney, Stanley C., and J. D. Moore, to Sinclair Refining Co. 2,697,063, Cl. 196—28.
- Hanford, William E., Short Hills, assignor to The M. W. Kellogg Company, Jersey City, N. J. Separation of oxygenated organic compounds. 2,665,290, Jan. 5.
- Hangartner, Erwin. 2,696,608, Cl. 340—259.
- Hanger, Alexander W. 2,679,578, Cl. 240—51.11.
- Hanhart, Walter, assignor to Ciba Limited. 2,676,958, Cl. 260—176.
- Hanhart, Walter, Riehen, assignor to Ciba Limited, Basel, Switzerland. Trisazo dyestuffs. 2,671,775, Mar. 9.
- Hanhart, Walter, to Ciba Ltd. 2,689,243, Cl. 260—173.
- Hanhart, Walter, to Ciba Ltd. 2,693,464, Cl. 260—143.
- Hanhart, Wilhelm J. 2,679,135, Cl. 58—76.
- Hanke, Albert R., to E. I. du Pont de Nemours and Co. 2,687,410, Cl. 260—204.
- Hankins Container Co., The: *See—*
White, Ray T. 2,690,254.
- Hanks, Arthur H., assignor to Allegheny Ludlum Steel Corporation. 2,679,680, Cl. 29—95.1.
- Hanks, Edison N., Dallas, Tex. Suction controlled louver. 2,673,514, Mar. 30.
- Hanks, Fletcher, Jr., Easton, Md. Shell fish harvesting machine. 2,672,700, Mar. 23.
- Hanks, William E.: *See—*
McCune, John S., and Hanks.
- Hankscraft Co.: *See—*
Johnson, Arne B. 2,688,686.
- Hanle, John E.: *See—*
Yuska, Henry, and Hanle. 2,684,345.
Yuska, Henry, Tringali, and Hanle. 2,677,671.
- Hanley Hydrojet, Inc.: *See—*
Hanley, Keenan. 2,691,953.
- Hanley, John A., to Audio Devices, Inc. 2,692,736, Cl. 242—76.
- Hanley, Keenan, to Hanley Hydrojet, Inc. 2,691,953, Cl. 115—12.
- Hanley, Stanley M.: *See—*
Bixby, William H. 2,688,721.
- Hanley, Thure E.: *See—*
Haef, Andrew V., and Hanley. 2,681,997.
Haef, Andrew V., and Hanley. 2,696,554.
- Hanley, William C.: *See—*
Herbert, Walter N., and Hanley. 2,679,818.
- Hann, William E., assignee: *See—*
Lucas, Joseph E.
- Hanna, Atto N. 2,679,674 Cl. 24—224.
- Hanna, Clinton R., and G. R. Douglas, to Westinghouse Electric Corp. 2,686,022, Cl. 244—77.
- Hanna, Ezra L., to Davol Rubber Co. 2,697,424, Cl. 128—403.
- Hanna, V. D.: *See—*
Nash, Herbert T. 2,694,187.
- Hannapel, Martin R. 2,677,916, Cl. 46—216.
- Hannas, Carl L. 2,685,915, Cl. 155—62.
- Hannay, Robert S. E., and W. Kilby, to Standfast Dyers & Printers Ltd. 2,693,689, Cl. 68—9.
- Hannay, Robert S. E., and W. Kilby. 2,693,995, Cl. 8—34.
- Hannemann, Carl H., Los Angeles, Calif. Parachute quick-release device. 2,664,610, Jan. 5.
- Hannes, Lena and S. 2,680,848, Cl. 2—27.
- Hannes, Samuel: *See—*
Hannes, Lena and S. 2,680,848.
- Hannum, John A., to Borg-Warner Corp. 2,692,194, Cl. 52—5.
- Hannum, John A., and J. N. Epel, to Borg-Warner Corp. 2,692,195, Cl. 52—5.
- Hannunkari, Lasse J.: *See—*
Kulvik, Gunnar, and Hannunkari. 2,683,366.
- Hanovia Chemical and Mfg. Co.: *See—*
Anderson, William T., Jr., and Samer. 2,687,489.
Clark, Franklin. 2,694,774.
Darney, Harold E.
Germer, Edmund. 2,682,008.
Germer, Edmund. 2,682,612.
Hilder, David L.
Hilder, David L., and Robertson. 2,682,007.
- Hanrahan, Walter J., and W. H. Oliver, to Cardox Corp. 2,682,732, Cl. 51—164.
- Hans, Stanley F. 2,678,857, Cl. 311—10.
- Hansard, Douglas A., Rowlands Castle, and N. G. Bennett, Staines, assignors of one-half to Graviner Manufacturing Company Limited, and one-half to Wilkinson Sword Company Limited, London, England. Inertia or impact operated device. 2,671,832, Mar. 9.
- Hanse, William C., Philadelphia, Pa., assignor to American Viscose Corporation, Wilmington, Del. Side drawing winding device. 2,668,018, Feb. 2.
- Hansel, Sydney: *See—*
Bloedel, Prentice, Hansel, Riches, and Brookes. 2,675,255.
- Hansel, Sydney. 2,687,152, Cl. 144—208.
- Hansell, Clarence W., assignor to Radio Corporation of America. 2,676,301, Cl. 332—9.
- Hansell, Clarence W., to Radio Corp. of America. 2,684,453, Cl. 315—6.
- Hansell, Erik B., deceased, East Hartford, Conn.; M. B. Hansell, administratrix. Electromechanical controlling and counting system. 2,672,067, Mar. 16.
- Hansell, Herbert C.: *See—*
Gifford, James S., and Hansell. 2,691,394.
- Hansell, Marjorie B., administratrix: *See—*
Hansell, Erik B.
- Hansell, Robert M. 2,695,616, Cl. 128—346.
- Hansen, Asgar, Herlev, near Copenhagen, assignor to Mikrovaerk A/S, Soborg, near Copenhagen, Denmark. Conching chocolate and the like masses, and a machine for carrying out this method. 2,673,802, Mar. 30.
- Hansen, Carl K.: *See—*
Rovner, Leopold E., and Hansen. 2,694,259.
- Hansen, Carl K., P. H. Miller, and L. E. Rovner, to the United States of America as represented by the Secretary of the Navy. 2,694,926, Cl. 73—143.
- Hansen, Charles W., to J. I. Case Co. 2,690,042, Cl. 56—153.
- Hansen, Edward F., Stanton, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Flexible trough belt conveyer. 2,670,837, Mar. 2.
- Hansen, Elmer K. 2,676,721, Cl. 214—519.
- Hansen, Emil E., Brooklyn, N. Y. Christmas tree ornament. 2,671,286, Mar. 9.
- Hansen, Francis F. 2,677,334, Cl. 107—9.
- Hansen, Francis F. 2,691,592, Cl. 99—91.
- Hansen, Francis F. 2,693,771, Cl. 107—9.
- Hansen, George E.: *See—*
Magos, John P., and Hansen. 2,689,145.
- Hansen, George E., assignor to Crane Co., Chicago, Ill. Collapsible valve. 2,667,324, Jan. 26.
- Hansen, George E., assignor to Crane Co., Chicago, Ill. Furnace valve or the like. 2,668,994, Feb. 16.
- Hansen, George E., assignor to Crane Co., Chicago, Ill. Combined shutoff and relief valve. 2,669,253, Feb. 16.
- Hansen, George E., assignor to Crane Co. 2,676,058, Cl. 299—59.
- Hansen, George E., assignor to Crane Co. 2,680,649, Cl. 299—59.
- Hansen, George E., to Crane Co. 2,698,160, Cl. 251—221.
- Hansen, George L., to General American Transportation Corp. 2,681,715, Cl. 189—35.
- Hansen Glove Corp.: *See—*
Bliedung, Walter R., and Frentzel. 2,692,667.
- Hansen, Hans C. 2,689,275, Cl. 179—100.41.
- Hansen, Hans E., Staten Island, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Moving stairway. 2,669,339, Feb. 16.
- Hansen, Hans H., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Flash welder control. 2,665,360, Jan. 5.
- Hansen, Hans I.: *See—*
Kessler, Norman H., and Hansen.
- Hansen, Hendrik N., assignor to Hartford National Bank and Trust Company, as trustee. 2,676,259, Cl. 250—36.
- Hansen, James R., assignor of $\frac{1}{2}$ to G. Drews. 2,677,315, Cl. 90—57.
- Hansen, James W., to California Spray-Chemical Corp. 2,689,201, Cl. 167—22.
- Hansen, John T. 2,677,891, Cl. 33—141.
- Hansen, Joseph R., Kingsburg, Calif. Water flow regulator. 2,665,706, Jan. 12.
- Hansen, Julius E. 2,694,341, Cl. 88—53.
- Hansen, Karl J.: *See—*
Calhoun, James C., Davidson, and Hansen. 2,692,053.
- Hansen, Kenneth H., and J. W. Ormsby, to Cutler-Hammer, Inc. 2,697,388, Cl. 93—93.
- Hansen, Lorentz: *See—*
Sharp, George G., and Hansen.
- Hansen Manufacturing Company, Inc., assignee: *See—*
Manson, Harry G., Jr. 2,678,855.
- Hansen, Merlin: *See—*
Houck, Gordon H., and Hansen. 2,676,849.
- Hansen, Otto A., assignor to Northrop Aircraft, Inc. 2,676,127, Cl. 154—83.

- Hansen, Otto A., and J. A. Lampman, assignors to Northrop Aircraft, Inc. 2,680,582, Cl. 244—121.
- Hansen, Rolf K., and S. S. Pike. 2,674,820, Cl. 40—127.1. Incorporated. 2,675,913, Cl. 206—45.21.
- Hansen, Siegfried, to Hughes Aircraft Co. 2,695,165, Cl. 264—1.
- Hansen, Steven L., and O. K. Hedrick. 2,684,487, Cl. 3—2.
- Hansen, Walter H. 2,674,081, Cl. 56—156.
- Hansen, Walter L. 2,678,509, Cl. 40—113.
- Hansen, Warren, to Gellman Mfg. Co. 2,691,951, Cl. 112—218.
- Hansen, William W., Garden City, N. Y., assignor to The Sperry Corporation. Electrical gun directing system. 2,671,613, Mar. 9.
- Hansen, William W., deceased (O. D. Ross, executrix), and R. H. Varian, to The Board of Trustees of the Leland Stanford Junior University. 2,683,775, Cl. 179—171.
- Hansen, William W., and D. L. Snow, to Sperry Corp. 2,685,125, Cl. 29—196.6.
- Hansen, Wray C. 2,688,261, Cl. 74—545.
- Hanser, William F., assignor to National Oats Company, Cedar Rapids, Iowa. Recovery of oat germ from oats. 2,670,290, Feb. 23.
- Hansford, Rowland C., assignor to Socony-Vacuum Oil Company, Incorporated. 2,678,923, Cl. 252—442.
- Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing nonaqueous carbon dispersions. 2,668,757, Feb. 9.
- Hanson, Alfred H., Garrison, N. Y. Screw cap wrench with friction base. 2,673,481, Mar. 30.
- Hanson, Arnold E. 2,688,499, Cl. 285—90.
- Hanson, Bryan J. 2,674,682, Cl. 219—45.
- Hanson, Gordon B., to Howe-Baker Corp. 2,692,764, Cl. 259—4.
- Hanson, Harry M. 2,697,888, Cl. 40—86.
- Hanson, Hartwig M., and E. J. Funk, Jr., assignors to The C. M. Kemp Manufacturing Company. 2,675,067, Cl. 158—105.
- Hanson, Henry L., assignor to Minneapolis-Honeywell Regulator Company. 2,678,090, Cl. 158—28.
- Hanson, Oscar L., and O. S. Steen. 2,691,695, Cl. 174—157.
- Hanson, Raymond G., to Wells Lamont Corp. 2,682,122, Cl. 40—2.
- Hanson, Robert L., to Bell Telephone Laboratories, Inc. 2,692,337, Cl. 250—36.
- Hanson, Saml., & Son Ltd.: *See*—
Bogner, Peter. 2,681,025.
- Hanson, Sidney W. F.: *See*—
Lovern, John A., Hanson, Goodwin, and Wilson. 2,686,126.
- Hanson, Theodore L. 2,695,948, Cl. 219—41.
- Hanson-Van Winkle-Munning Co.: *See*—
Curtis, Thomas H. 2,685,954.
Diggin, Myron B., and Kardos. 2,680,712.
Kardos, Otto.
- Hanson, Wallace E., assignor to Sample-Durick Company, Hanssen, Petter M., assignor to Ellison Bronze Company, Inc. 2,680,263, Cl. 16—55.
- Hanssen, Petter M., to Ellison Bronze Co., Inc. 2,694,476, Cl. 189—46.
- Hansson, Erik O. H.: *See*—
Faith-Ell, Lars J., and Hansson.
- Hansson, Malte, Baldwin Park, Calif. Indicating support for fire extinguishers. 2,670,194, Feb. 23.
- Hanze, Arthur R.: *See*—
Levin, Robert H., Magerlein, and Hanze.
Ogilvie, Robert B., and Hanze.
Weisblat, David I., Magerlein, Myers, Hanze, and Rolfsen.
- Hanze, Arthur R., assignor to The Upjohn Company. 2,676,181, Cl. 260—397.3.
- Hanze, Arthur R., and R. H. Levin, assignors to The Upjohn Company, Kalamazoo, Mich. Simultaneous oxidation and halogenation of steroids. 2,666,067, Jan. 12.
- Hanze, Arthur R., and R. H. Levin, assignors to The Upjohn Company, Kalamazoo, Mich. Halogenation of steroids. 2,666,068, Jan. 12.
- Hanze, Arthur R., and R. H. Levin, Kalamazoo Township, Kalamazoo County, assignors to The Upjohn Company, Kalamazoo, Mich. Halogenation and oxidation of steroids. 2,666,072, Jan. 12.
- Hanze, Arthur R., and R. B. Ogilvie, assignors to The Upjohn Company, Kalamazoo, Mich. Preparation of 6-hydroxy-11-keto-progesterone. 2,672,467, Mar. 16.
- Hanze, Arthur R., and G. S. Fonken, to The Upjohn Co. 2,691,029, Cl. 260—397.45.
- Hapman, Hannah J.: *See*—
Hapman, Henry W. 2,680,511.
Hapman, Henry W. 2,692,067.
- Hapman, Henry W., assignor of forty per cent to H. J. Hapman, Detroit, Mich. Sprocket chain. 2,667,790, Feb. 2.
- Hapman, Henry W., assignor of forty per cent to H. J. Hapman, Hickory Corners, Mich. Flight conveyer with flanged clamping disks. 2,667,962, Feb. 2.
- Hapman, Henry W., assignor of forty per cent to H. J. Hapman, Kalamazoo, Mich. Sediment collection and removal apparatus. 2,671,561, Mar. 9.
- Hapman, Henry W., assignor of 40% to H. J. Hapman. 2,680,511, Cl. 198—176.
- Hapman, Henry W., 40% to H. J. Hapman. 2,692,067, Cl. 222—63.
- Happe, Arthur H., and H. A. Sperlich. 2,689,469, Cl. 65—61.
- Happe, Melvin J.: *See*—
Hill, George B., and Happe. 2,686,658.
- Happe, Melvin J., assignor to The New Holland Machine Division of The Sperry Corporation. 2,679,983, Cl. 241—191.
- Happe, Reynold, Pittstown, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-cooling air nozzle supporting means. 2,669,207, Feb. 16.
- Happel, Hermann E., to Monument Engineering Co., Inc. 2,691,332, Cl. 95—90.5.
- Happy, Russell E., and F. R. Barbee. 2,677,518, Cl. 248—125.
- Harbach, Leroy J.: *See*—
Grossman, William A. 2,679,058.
Grossman, William A. 2,696,622.
- Harban, Arthur A.: *See*—
Feuer, Henry, and Harban. 2,679,538.
- Harban, Arthur A., Hammond, and C. E. Johnson, Griffith, Ind., assignors to Standard Oil Company, Chicago, Ill. Alkenylation of thiophenes. 2,667,496, Jan. 26.
- Harbens Limited, assignee: *See*—
Goodwin, Leslie C., and Thorpe. 2,675,972.
- Harbison-Walker Refractories Co.: *See*—
Birch, Raymond E., and Thompson.
Schob, Fred O. 2,682,703.
- Harbulak, Harry J., to ACF Industries, Inc. 2,686,478, Cl. 105—286.
- Harcourt, Guy N., Buffalo, N. Y., assignor, by mesne assignments, to Blaw-Knox Company, Pittsburgh, Pa. Solvent extraction recovery method and apparatus. 2,665,198, Jan. 5.
- Harcum, William M., Bryn Mawr, Pa., assignor to The Sperry Corporation. Automatic recovery pilot for aircraft. 2,670,911, Mar. 2.
- Harcum, William M., to Tactair Inc. 2,682,042, Cl. 340—27.
- Hård af Segerstad, Carl G., Sandviken, Sweden. Pneumatic control and/or measuring means. 2,669,246, Feb. 16.
- Harden, Carl, assignor to Brown Citrus Machinery Corporation, Whittier, Calif. Juice extractor. 2,672,900, Mar. 23.
- Harden, Carl, to Brown Citrus Machinery Corp. 2,686,541, Cl. 146—3.
- Harden, Carl, to Brown Citrus Machinery Corp. 2,686,591, Cl. 209—102.
- Hardenbrook, Helen R., assignee: *See*—
Rulfs, Edward A.
- Harder, Donald C., San Diego, Calif. Machine for winding toroidal coils. 2,672,297, Mar. 16.
- Harder, Edwin L., to Westinghouse Electric Corp. 2,697,201, Cl. 323—66.
- Harder, Leland L., Hibbing, Minn. Underseal cutter. 2,670,536, Mar. 2.
- Harder, Oscar E., and D. A. Roberts, assignors, by mesne assignments, to Elgin National Watch Company. 2,678,894, Cl. 148—12.7.
- Hardesty, Richard D. 2,697,946, Cl. 74—22.
- Hardgrove, Ralph M.: *See*—
Bailey, Ervin G., and Hardgrove. 2,688,942.
Bailey, Ervin G., and Hardgrove. 2,691,455.
Bailey, Ervin G., and Hardgrove. 2,696,511.
- Hardie Mfg. Co.: *See*—
Davis, James O., and Eckardt. 2,675,254.
Tuft, Miles H. 2,691,236.
- Hardigg, George W., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Rotor construction. 2,667,327, Jan. 26.
- Hardigg, James S., Parkersburg, W. Va. Potato digger and separator. 2,671,999, Mar. 16.
- Hardin, Martin A.: *See*—
Norton, Desmond H., and Hardin. 2,693,662.
- Hardin, N. A.: *See*—
Brandon, Clarence W. 2,689,461.
Brandon, Clarence W. 2,689,462.
- Harding, Harry B.: *See*—
Amy, Christopher C., and Harding. 2,680,035.
- Harding, Magnus S. 2,694,742, Cl. 136—6.
- Harding Manufacturing Company, assignee: *See*—
Borushko, Michael J. 2,675,779.
- Harding, Milo, Co.: *See*—
Bailey, Richard W. 2,697,397.
- Harding, Robert J., and W. C. Dawson, assignors to W. C. Dawson, R. J. Harding, and G. Larkin. 2,677,395, Cl. 139—29.
- Harding, William R., Ebenezer, A. W. Kimball, Buffalo, and L. G. Opel, Tonawanda, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control of the hysteresis spread of rotating direct current machines. 2,666,886, Jan. 19.
- Hardinge Brothers, Inc.: *See*—
Evans, Leigh R. 2,695,529.
O'Connell, James R. 2,681,808.
Parsons, Hubert J. 2,686,449.

- Hardman, Dale G., Provo, Utah. Protective hot cap for plants. 2,665,523, Jan. 12.
- Hardman, Harley F.: *See—*
Bartleson, John D., Hardman, and Sunday. 2,690,976.
Faris, Robert B., Jr., Hardman, and Fink.
Faris, Robert B., Jr., Hardman, Stine, and Fink. 2,677,271.
Hughes, Everett C., Hardman, Bartleson, and Sunday. 2,690,977.
- Hardman, Harley F., to The Standard Oil Co. 2,693,425, Cl. 106—273.
- Hardware Products Company, assignee: *See—*
Howard, Leonard. 2,680,334.
- Hardway, Edward V., Jr., to Flight Research, Inc. 2,683,514, Cl. 192—116.5.
- Hardwick, Frank W., assignee: *See—*
Hardwick, Roy W.
- Hardwick Hindle, Inc.: *See—*
Holleran, Dominic J. 2,691,087.
Sumrell, Ferrall N. 2,677,742.
- Hardwick, Roy W., Freehold, assignor of fifty percent to F. W. Hardwick, Newark, N. J. Door latching mechanism. 2,665,933, Jan. 12.
- Hardwick Stove Company, Incorporated, assignee: *See—*
Whittmann, Robert A. 2,677,418.
- Hardwood Mfg. Co., Inc.: *See—*
Smart, Addie H. 2,696,223.
- Hardy, Frank M., assignee: *See—*
Whitechester, Thomas J.
- Hardy, Gifford H.: *See—*
Tocci-Guilbert, Berne. 2,681,532.
- Hardy, Gordon W. 2,692,571, Cl. 114—150.
- Hardy, Henry G., assignee, trustee: *See—*
Tocci-Guilbert, Berne.
- Hardy, James D., C. H. Richards, and A. M. Stoll, to the United States of America as represented by the Secretary of the Navy. 2,685,795, Cl. 73—170.
- Hardy, James W., assignor to Goodman Manufacturing Company, Chicago, Ill. Conveyor misalignment signal. 2,665,793, Jan. 12.
- Hardy, Lowell M., Portland, Maine. Instrument for testing pH values of body canal liquids and color comparator for use therewith. 2,664,879, Jan. 5.
- Hardy, Maurice E., assignor to Zenith Radio Corporation. 2,674,132, Cl. 74—200.
- Hardy, Maurice E., to Zenith Radio Corp. 2,682,774, Cl. 74—10.15.
- Hardy, Raymond W., assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Quick action clamp. 2,665,598, Jan. 12.
- Hardy, René, to Sepco 45 B. d'Sébastopol. 2,694,749, Cl. 179—1.
- Hardy, Robert L., D. D. MacLaren, C. E. Hemminger, and W. A. Rex, to Standard Oil Development Co. 2,689,823, Cl. 196—50.
- Hardy, William B.: *See—*
Munro, Wendell P., Hardy, and Joyce. 2,691,019.
- Hardy, William B., Bound Brook, and A. W. Joyce, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Brown triazine vat dyes. 2,671,785, Mar. 9.
- Hare, Donald G. C., Clemson, S. C., assignor to Deering Milliken Research Trust, New York, N. Y. Textile fiber converting apparatus. 2,672,654, Mar. 23.
- Hare, Donald G. C., assignor to Deering Milliken Research Trust. 2,682,144, Cl. 57—97.
- Hare, Donald G. C., to the United States of America as represented by the Secretary of the Navy. 2,689,333, Cl. 324—43.
- Hare, Terence G., assignor to Miller Manufacturing Co. 2,676,610, Cl. 137—454.6.
- Hare, Terence G., to Miller Mfg. Co. 2,697,423, Cl. 123—185.
- Hare, Weston A., to E. I. du Pont de Nemours and Co. 2,695,835, Cl. 18—54.
- Hare, Weston A., and J. T. Rivers, Jr., assignors to E. I. du Pont de Nemours & Company. 2,677,590, Cl. 8—130.1.
- Hareslak, Francis P. 2,687,122, Cl. 123—97.
- Haresnape, John N.: *See—*
Porter, Frederick W. B., and Haresnape. 2,686,150.
- Hargrave, John M., Cincinnati, Ohio. Rock or masonry drill. 2,673,714, Mar. 30.
- Hargrave, John M., Cincinnati, and D. L. Farmer, Norwood, Ohio. Hand clamp. 2,667,678, Feb. 2.
- Haring, Ivan P. 2,680,341, Cl. 56—40.
- Harju, Walter A., and W. B. Crump. 2,680,480, Cl. 160—172.
- Harke, Otto. 2,679,864, Cl. 137—635.
- Harkema, R. V.: *See—*
King, Glengarry D., and Harkema.
- Harkenrider, Robert J., assignor to G. D. Miller. 2,676,070, Cl. 308—132.
- Harkenrider, Robert J., assignor to G. D. Miller. 2,676,071, Cl. 308—132.
- Harkenrider, Robert J., assignor to G. D. Miller. 2,676,072, Cl. 308—132.
- Harkenrider, Robert J., to G. D. Miller. 2,695,822, Cl. 308—132.
- Harkenrider, Robert J., to G. D. Miller. 2,695,823, Cl. 308—132.
- Harker, Charles B., assignor to H. L. and D. E. Bartelt. Packaging machine. 2,673,431, Mar. 30.
- Harker, Charles B., to Bartelt Engineering Co. 2,691,857, Cl. 53—144.
- Harker, Maurice G., J. B. Smith, and P. F. T. C. Stillwell, assignors to Electric & Musical Industries Limited. 2,675,469, Cl. 250—27.
- Harkins, Charles R. 2,683,269, Cl. 9—3.
- Harks, Walter M., assignor to Bowser, Inc. 2,677,303, Cl. 88—14.
- Harland, Philip W., to American Machine and Metals, Inc. 2,697,147, Cl. 200—83.
- Harland, Philip W., and R. D. Waite, assignors to American Machine and Metals, Inc. 2,679,760, Cl. 73—395.
- Harle, Oliver L.: *See—*
Goldschmidt, Alfred, Stewart, and Harle. 2,687,378.
Stewart, William T., Goldschmidt, and Harle. 2,687,377.
- Harle, Oliver L., to California Research Corp. 2,681,316, Cl. 252—47.5.
- Harle, Oliver L., to California Research Corp. 2,691,632, Cl. 252—47.
- Harle, Oliver L., to California Research Corp. 2,694,682, Cl. 252—33.6.
- Harless, Charles A., to R. Hoe & Co. 2,681,007, Cl. 101—378.
- Harley, Earle L., Brooklyn, N. Y. Grinding machine. 2,669,074, Feb. 16.
- Harlin, Varney S., Oklahoma City, Okla. Pipe cleaning tool. 2,665,766, Jan. 12.
- Harling, Denis W., to The General Electric Co. Ltd. 2,682,640, Cl. 332—47.
- Harlow, Walter F., and R. W. Edwards, assignors to International Combustion (Holdings) Limited. 2,675,716, Cl. 74—675.
- Harman, Cameron G., W. J. Koch, and H. H. Rice, to Vitriified China Association, Inc. 2,690,065, Cl. 65—15.
- Harman, Clayton M.: *See—*
Gilmore, James R., and Harman. 2,683,778.
- Harman, Denham, to Shell Development Co. 2,685,567, Cl. 252—33.4.
- Harman, Inez S. 2,686,621, Cl. 223—106.
- Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Cyanoalkylammonium salts of pentachlorophenol. 2,666,079, Jan. 12.
- Harman, Oakley V. 2,690,870, Cl. 232—43.2.
- Harman, Willis W., Gainesville, Fla., assignor to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. High-frequency oscillator. 2,672,571, Mar. 16.
- Harnes, Oren B., to Livingston Tool Co. 2,696,065, Cl. 51—90.
- Harmison, Charles R.: *See—*
Singher, Heron O., and Harmison. 2,696,484.
- Harmon, Albert D., to The Terrell Machine Co. 2,683,291, Cl. 19—135.
- Harmon, Carlyle, assignor, by mesne assignments, to Chicopee Manufacturing Corporation. 2,676,115, Cl. 117—47.
- Harmon, Charles F., Shawnee, Okla. Milling attachment for lathe. 2,668,719, Feb. 9.
- Harmon, Frank, assignee: *See—*
Hilton, Ralph W.
- Harmon, Kenneth A., Longmeadow, assignor to Wico Electric Company, West Springfield, Mass. High-frequency ignition system. 2,668,271, Feb. 2.
- Harmon, Paul V., assignor to Precision Parts Corporation, Nashville, Tenn. Electric motor installation. 2,670,447, Feb. 23.
- Harmon, Ralph N., and E. J. Naumann, to the United States of America as represented by the Secretary of the Navy. 2,687,482, Cl. 310—156.
- Harmon, Sidney M., and H. S. Ribner. 2,696,954, Cl. 244—42.
- Harms, Lewis W., Denver, Colo. Fluid control system for railroad rail sanding devices. 2,669,472, Feb. 16.
- Harms, Walter H., and D. E. Schowalter. 2,683,957, Cl. 47—2.
- Harned, Ben K.: *See—*
Cunningham, Raymond W., Harned, and Clark. 2,678,296.
- Harneit, Russell H., New Rochelle, N. Y. Outboard motor support. 2,668,679, Feb. 9.
- Harness, Wayne E., and J. O. Hruby, Jr., to Lockheed Aircraft Corp. 2,688,847, Cl. 60—97.
- Harnett, Robert T.: *See—*
Chester, Robert W., Harnett, Royer, and Smith. 2,686,855.
- Harney, Bernard C., to Lipe-Rollway Corp. 2,681,498, Cl. 29—93.
- Harney, Donald N., to E. W. Twitchell, Inc. 2,686,746, Cl. 154—53.6.
- Harney, Ervin C., Los Angeles, Calif., assignor to Phillips Petroleum Company. Hydrocarbon conversion process. 2,667,521, Jan. 26.
- Harnisch, Alfred, assignor to Robert Bosch G. m. b. H. 2,680,838, Cl. 324—60.
- Harnisch, Fritz, deceased, by G. W. Harnisch, administratrix, New Orleans, La. Automatic hypodermic syringe. 2,671,448, Mar. 9.
- Harnisch, Georgiana W., administratrix: *See—*
Harnisch, Fritz.

- Harnischfeger Corp.: *See*—
 Burdick, Will S., and Meyer.
 Ernsberger, Wallace P. 2,674,709.
 Meyer, Anthony L., and Woodling. 2,674,378.
 Oestreicher, Sol. 2,679,024.
 Schoeppner, Karl P.
 Wendelburg, Frank W. 2,689,934.
- Harnwell, Gaylord P.: *See*—
 Stephens, William E., and Harnwell. 2,676,419.
- Harp, Kenneth D., Salinas, assignor of one-half to J. P. McNally, Monterey, Calif. Mixing paddle. 2,670,939, Mar. 2.
- Harper, Arthur J. C. 2,692,385, Cl. 2—93.
- Harper, Arthur R., assignor of fifty per cent to W. R. Findlay, Detroit, Mich. Burglar alarm system. 2,670,466, Feb. 23.
- Harper, George P. 2,680,327, Cl. 46—19.
- Harper, Orion J., Bicknell, Ind. All-purpose farm spreader. 2,665,135, Jan. 5.
- Harper, Samuel D. 2,695,333, Cl. 179—15.
- Harper, Thomas C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Flexible fluid-conducting connector. 2,667,369, Jan. 26.
- Harper, Toby B. 2,697,196, Cl. 318—482.
- Harper, Wesley A., to Cockshutt Farm Equipment Ltd. 2,687,702, Cl. 111—67.
- Harper, Wesley A., E. S. Minton, and H. Orelup, assignors to National Farm Machinery Cooperative, Inc., Bellevue, Ohio. Clutch arrangement for side delivery rakes. 2,664,759, Jan. 5.
- Harper-Wyman Co.: *See*—
 Huff, Norman M. 2,687,275.
- Harpoothian, Edward, and O. A. Swanson, to Douglas Aircraft Co., Inc. 2,686,343, Cl. 20—69.
- Haroldson, Victor G.: *See*—
 Bottoni, Robert J., and Haroldson. 2,686,064.
- Harrell, Geraldine. 2,674,993, Cl. 128—33.
- Harrer, Paul H., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control mechanism for rotary balers. 2,667,729, Feb. 2.
- Harrer, Paul H., and R. C. Fischer, to Allis-Chalmers Mfg. Co. 2,682,945, Cl. 198—11.
- Harrier, Jack E.: *See*—
 Britton, Charles F., and Harrier. 2,687,718.
- Harrigan, John J. 2,682,068, Cl. 15—88.
- Harrigan, Wayne C., assignee: *See*—
 Gould, Otis O. 2,676,047.
- Harrington, Bertie S., assignor to Armour and Company, Chicago, Ill. Filling machine. 2,673,012, Mar. 23.
- Harrington, Bertie S., assignor, by mesne assignments, to The Allbright-Nell Company. 2,674,179, Cl. 99—257.
- Harrington, Bertie S., to Armour and Co. 2,697,446, Cl. 137—509.
- Harrington, Ferris T., J. A. Martin, G. R. Elliott, and L. W. Haisen, to Vickers Inc. 2,693,824, Cl. 137—622.
- Harrington, Frank A., to Marco Industries Co. 2,681,980, Cl. 240—8.16.
- Harrington, George R., to Blood Brothers Machine Co. 2,696,090, Cl. 64—23.
- Harrington, Gerald D.: *See*—
 Shakespeare, Henry G., and Harrington.
 Shakespeare, Henry G., and Harrington. 2,687,855.
- Harrington, Paul J.: *See*—
 Marshall, Benjamin T., Downing, and Harrington. 2,682,277.
- Harrington, Pete, and B. W. Thompson. 2,696,594, Cl. 339—45.
- Harrington, Robert C., Jr., assignor to Eastman Kodak Company. 2,675,364, Cl. 260—30.4.
- Harris, Abbott B., Downey, Calif. Portable mud ditch. 2,669,097, Feb. 16.
- Harris, Arthur H.: *See*—
 Wilkinson, Horace A., Harris, and Carter. 2,696,291.
- Harris, Arthur O., assignor to E. S. Burrows. 2,679,997, Cl. 248—174.
- Harris, Arvel R.: *See*—
 Galazzi, Joseph A., and Harris. 2,674,430.
- Harris, Arvel R., to International Harvester Co. 2,682,758, Cl. 62—140.
- Harris, Ben A.: *See*—
 Breese, Lemuel R., and Harris. 2,688,438.
- Harris, Benjamin R., assignor to The Emulsol Corporation. 2,678,316, Cl. 260—290.
- Harris, Carl, Cicero, Ill. Bedstead fitting. 2,666,214, Jan. 19.
- Harris, Carl. 2,693,778, Cl. 112—158.
- Harris, Carl C., and H. W. Cadwell, deceased; M. H. Cadwell, executrix, to Rodney Hunt Machine Co. 2,684,031, Cl. 103—16.
- Harris, Charles D., to International Harvester Co. 2,688,234, Cl. 62—4.
- Harris, Charles D., R. L. Eichhorn, J. R. Prosek, and G. P. McNamara, Evansville, Ind., assignors to International Harvester Company. Cooling means for motor compressor units. 2,667,763, Feb. 2.
- Harris, Charles D., and J. A. Galazzi, Evansville, Ind., assignors to International Harvester Company. Window mounted air conditioning unit. 2,667,765, Feb. 2.
- Harris, Charles R., Lockport, and J. W. Sprauer, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of hydrogen peroxide. 2,668,753, Feb. 9.
- Harris, Clyde W., Akron, Ohio. Variable heat insulating apparatus and solar heating system comprising same. 2,671,441, Mar. 9.
- Harris, Clyde W., Socorro, N. Mex., and J. M. Kime, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Transducer housing for sonic apparatus. 2,672,945, Mar. 23.
- Harris, Courtenay B.: *See*—
 Viehe, Frederick W., and Harris.
- Harris, David B. 2,682,721, Cl. 40—2.
- Harris, Edward H., Jr.: *See*—
 Filachione, Edward M., Beebe, Harris, and Luvisi. 2,694,725.
- Harris, Edward P., to General Motors Corp. 2,696,239, Cl. 153—1.
- Harris, Edward P., and F. W. Sampson, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Mold for and molding foam rubber strips and the like. 2,668,987, Feb. 16.
- Harris, Ford W., assignor to Wulff Process Company. 2,678,339, Cl. 260—679.
- Harris, George C., assignor to Hercules Powder Company, Wilmington, Del. Alkaline pulping using gaseous oxygen. 2,673,148, Mar. 23.
- Harris, George K., and B. E. Wilson. 2,684,085, Cl. 139—336.4.
- Harris, George M., Chicago, Ill. Hook plate construction for bedsprings. 2,666,215, Jan. 19.
- Harris, Guy H., and B. C. Fischback, to The Dow Chemical Co. 2,691,635, Cl. 252—61.
- Harris, Herbert, Jr.: *See*—
 Hauser, Arthur A., Nagy, White, and Harris. 2,696,947.
- Harris, James E., to General Motors Corp. 2,690,464, Cl. 136—36.
- Harris, James E., M. D. McShurley, and D. G. Mahoney, to General Motors Corp. 2,693,012, Cl. 22—57.5.
- Harris, James R., Dover, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Diode gate. 2,673,936, Mar. 30.
- Harris, James S., to Radio Corp. of America. 2,688,050, Cl. 178—23.
- Harris, James W.: *See*—
 Riley, Orr C., and Harris. 2,693,351.
- Harris, Jay C., to Monsanto Chemical Co. 2,683,692, Cl. 252—152.
- Harris, John H. 2,679,099, Cl. 30—305.
- Harris, Leslie M., Jr., to Stromberg-Carlson Co. 2,686,830, Cl. 178—5.2.
- Harris, Lewis E.: *See*—
 Fear, Ernest D., and Harris.
- Harris, Mechell F., Kansas City, Mo. Nursery seat with music box. 2,667,802, Feb. 2.
- Harris, Milton, and A. E. Brown, to Harris Research Laboratories, Inc. 2,685,496, Cl. 8—102.
- Harris, Moses H. 2,688,288, Cl. 105—354.
- Harris, Percy W., Shirley, Birmingham, assignor to M. P. J. Gauge & Tool Company Limited, Erdington, Birmingham, England. Electrical means for measuring the thickness of an electrically nonconductive material. 2,666,896, Jan. 19.
- Harris, Raymond C.: *See*—
 Straley, James M., and Harris. 2,675,394.
- Harris Research Laboratories, Inc.: *See*—
 Harris, Milton, and Brown. 2,685,496.
- Harris, Rhett G., and R. J. Strawinski, assignors to Texaco Development Corporation. 2,680,058, Cl. 21—2.5.
- Harris, Rhett G., and R. J. Strawinski, to Texaco Development Corp. 2,697,061, Cl. 195—1.
- Harris, Richard A.: *See*—
 Parker, Matthew, and Harris. 2,675,230.
- Harris, Robert L., and M. Lothrop, to Yuba Mfg. Co. 2,690,165, Cl. 121—127.
- Harris, Rosa L. 2,693,524, Cl. 240—103.
- Harris, Ross: *See*—
 Mullen, Edward, and Harris.
- Harris, Samuel J., Dayton, Ohio. Trousers display device. 2,670,110, Feb. 23.
- Harris, Samuel J. 2,684,794, Cl. 223—95.
- Harris-Seybold Co.: *See*—
 Adams, Dolor N. 2,694,057.
- Haywood, Russell I., and West. 2,683,043.
- Hill, Frank M., and Le Blanc.
- Niles, Irving F., and Norton.
- Royer, Arthur G. 2,680,404.
- Spiller, William R. 2,694,941.
- Taylor, Norman W. 2,697,983.
- Wood, James R. 2,684,117.
- Wood, William H.
- Wood, William H. 2,681,310.
- Harris, Sidney E., Nutley, and C. E. Engel, Glen Rock, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Apparatus for filling ampoules. 2,672,272, Mar. 16.
- Harris, Stanton A.: *See*—
 Hoffman, Dorothea H., Harris, and Folkers. 2,695,297.
- Wilson, Andrew N., and Harris. 2,695,902.
- Harris, Stanton A., Westfield, and A. N. Wilson, Colonia, assignors to Merck & Co., Inc., Rahway, N. J. Preparing pyridoxal phosphate. 2,666,061, Jan. 12.
- Harris & Stevenson Engineering & Development Co., Inc., assignee: *See*—
 Harris, Thomas.

- Harris, Thomas, Warwick, R. I., assignor to Harris & Stevenson Engineering & Development Co., Inc. Hydraulic actuator. 2,672,892, Mar. 23.
- Harris, Thomas, and C. C. Plumb. 2,684,558, Cl. 51—8.
- Harris, Thomas A., Edgbaston, Birmingham, assignor to Joseph Lucas Limited, Birmingham, England. Means for synchronizing aircraft engines. 2,669,837, Feb. 23.
- Harris, Thomas A., assignor to Joseph Lucas Limited. 2,678,004, Cl. 103—38.
- Harris, Thomas A., to Joseph Lucas Ltd. 2,683,483, Cl. 158—36.3.
- Harris, Thomas A., to Joseph Lucas (Industries) Ltd. 2,691,961, Cl. 121—38.
- Harris, Thomas G., to Catalin Corp. of America. 2,692,865, Cl. 260—2.1.
- Harris, Walter R., and S. A. Haverstick, to Westinghouse Electric Corp. 2,691,752, Cl. 318—143.
- Harris, Wilbur T., Southbury, Conn., W. B. Pegram, Swarthmore, Pa., H. S. Braze, Terryville, and L. A. Hummel, Waterbury, assignors to The United States Time Corporation, Middlebury, Conn. Wind and set mechanism for watches. 2,669,832, Feb. 23.
- Harris, William A.: *See—*
Cotton, Robert H., Rorabaugh, and Harris. 2,678,288.
- Harris, William B.: *See—*
Winstrom, Leon O., and Harris.
- Harris, William H., Jr., assignor to Micromatic Hone Corporation. 2,675,654, Cl. 51—204.
- Harris, William M. 2,680,920, Cl. 40—132.
- Harris, Willis F. 2,689,905, Cl. 219—38.
- Harrison, Alban, to Kelvin & Hughes Ltd. 2,686,303, Cl. 343—17.7.
- Harrison, Benjamin F., Jr. 2,695,488, Cl. 56—328.
- Harrison, Cella, Union City, N. J. Clothespin. 2,668,338, Feb. 9.
- Harrison, Charles W.: *See—*
Graham, Robert E., Chatham, and Harrison.
- Harrison, Charles W., Gillette, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vertical synchronizing system. 2,668,872, Feb. 9.
- Harrison, Charles W., to Bell Telephone Laboratories, Inc. 2,695,960, Cl. 250—36.
- Harrison, Dovie A., assignee: *See—*
Christie, Cleve F.
- Harrison, Edward, Sheldon, Birmingham, assignor of one-half to W. H. Grady, Bourneville, Birmingham, England. Portable apparatus for dispensing beverages. 2,665,034, Jan. 5.
- Harrison, Francis R., and H. J. Twitchett, to Imperial Chemical Industries Ltd. 2,681,338, Cl. 260—163.
- Harrison, Gale, Ivanhoe, N. C. Mail box. 2,673,682, Mar. 30.
- Harrison, George, Berwyn, Ill., assignor to National Lead Company, New York, N. Y. Apparatus for casting metallic rod. 2,667,673, Feb. 2.
- Harrison, George, to Brite Mfg. Co. 2,693,626, Cl. 24—240.
- Harrison, George C., and J. M. Thompson, to Minnesota Mining & Mfg. Co. 2,682,504, Cl. 204—158.
- Harrison, Harry W. 2,681,110, Cl. 166—55.
- Harrison, Henry. 2,689,516, Cl. 99—336.
- Harrison, Henry. 2,691,396, Cl. 145—35.
- Harrison, Henry M., and J. W. Driscoll, to Electric & Musical Industries Ltd. 2,690,340, Cl. 274—4.
- Harrison, Homer S., assignor to Allied Steel and Conveyors, Inc., Detroit, Mich. Automatically adjustable tire mounting machine and conveyor. 2,665,747, Jan. 12.
- Harrison, Homer S., to Allied Steel and Conveyors, Inc. 2,698,078, Cl. 198—195.
- Harrison, Isaac, Crosswicks, N. J. Cranberry harvester. 2,671,301, Mar. 9.
- Harrison, James A. 2,675,820, Cl. 137—88.
- Harrison, James J. 2,679,273, Cl. 146—11.
- Harrison, Laurence S., assignor to Research Corporation. 2,674,686, Cl. 240—9.
- Harrison, Morton R., $\frac{1}{2}$ to B. C. Roby. 2,691,174, Cl. 5—3.
- Harrison, Robert E., and M. Cox, to the United States of America as represented by the Secretary of the Navy. 2,681,967, Cl. 201—48.
- Harrison, Robert V. 2,675,664, Cl. 56—331.
- Harrison, Roger H.: *See—*
Reddy, Virgin C., and Harrison. 2,686,503.
- Harrison, Seymour, to Plastic Innovations, Inc. 2,684,923, Cl. 154—85.
- Harrison, Thomas R., to Minneapolis-Honeywell Regulator Co. 2,696,117, Cl. 73—355.
- Harrison, Ward, Shaker Heights, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Light directing glass block. 2,665,610, Jan. 12.
- Harrison, Wesley. 2,693,971, Cl. 285—95.
- Harrison, William O., Jr. 2,685,858, Cl. 114—16.
- Harriss, Lloyd J., and B. Lambers; said Lambers to said Harriss. 2,692,691, Cl. 214—8.5.
- Harrod, Ned M.: *See—*
Silver, Joseph B., and Harrod. 2,689,891.
- Harroun, William L. 2,682,877, Cl. 131—256.
- Harry, Geoffrey M. 2,691,559, Cl. 311—38.
- Harry, Gordon W., assignor to General Motors Corporation. 2,680,610, Cl. 267—1.
- Harsch, Chester A., Portland, Ore. Hydraulic telescopic boom. 2,666,417, Jan. 19.
- Harsch, Paul, and F. Rinkel, to "Noris" Zünd A. G. 2,688,101, Cl. 310—70.
- Harshaw Chemical Co., The: *See—*
Du Rose, Arthur H., and Willson. 2,683,115.
- Little, John D. 2,683,114.
- Swinehart, Carl F., and Burton. 2,697,027.
- Harstick, William H., Oak Park, Ill., assignor to International Harvester Company. Centrifugally operable valve ring for centrifugal separators. 2,664,905, Jan. 5.
- Harstick, William H., Oak Park, Ill., assignor to International Harvester Company. Milk strainer with removable baffle and centering device. 2,665,009, Jan. 5.
- Harstick, William H., Oak Park, Ill., assignor to International Harvester Company. Power washing centrifugal separator with indentations along the inner peripheral edges of the separating disks. 2,665,060, Jan. 5.
- Harstick, William H., Oak Park, Ill., assignor to International Harvester Company. Continuous milk filling system. 2,668,001, Feb. 2.
- Harstick, William H., to International Harvester Co. 2,694,380, Cl. 119—14.55.
- Harstick, William H., Oak Park, Ill., and F. G. Hodsdon, Milwaukee, Wis., assignors to International Harvester Company. Vacuum control valve with adjustable atmospheric pressure responsive loading means. 2,670,758, Mar. 2.
- Hart, Arthur H., San Francisco, Calif. Drive for moving picture cameras. 2,667,808, Feb. 2.
- Hart and Burns, Incorporated, assignee: *See—*
Burns, Arthur E., Jr.
- Hart, Carl: *See—*
Freimann, Frank, Hart, and Knox.
- Hart-Carter Co.: *See—*
Johnson, Leonard.
- Long, Arthur R. 2,688,298.
- Hart, Charles W. 2,693,929, Cl. 251—30.
- Hart & Cooley Manufacturing Co., assignee: *See—*
De Roo, William C. 2,676,795.
- Hart, David. 2,696,429, Cl. 52—2.
- Hart, David K., and D. R. Church. 2,688,248, Cl. 73—115.
- Hart, Edward G.: *See—*
Lansing, Charles B., and Hart.
- Hart, Fred J., Salinas, assignor to Electronic Medical Foundation, San Francisco, Calif. Electropad. 2,667,866, Feb. 2.
- Hart, Geoffrey W., Stoke Poges, assignor to Electric & Musical Industries Limited, Hayes, England. Moving target indication apparatus. 2,667,634, Jan. 26.
- Hart, Harry H., to The Pusey & Jones Corp. 2,684,019, Cl. 92—44.
- Hart, Irwin M., assignor to The Winko-Matic Signal Company. 2,679,635, Cl. 340—83.
- Hart, James H. 2,688,813, Cl. 40—132.
- Hart, John M. 2,679,601, Cl. 307—10.
- Hart, John V., assignor to Minneapolis-Honeywell Regulator Company. 2,676,195, Cl. 136—4.
- Hart Manufacturing Co., The: *See—*
Bengtsson, Bertil S.
- Bengtsson, Bertil S. 2,683,198.
- Richardson, Douglas W. 2,675,455.
- Hart, Norman E., to Toledo Scale Co. 2,685,222, Cl. 88—1.
- Hart, Raymond L.: *See—*
Thompson, Walter E., Jr., and Hart. 2,674,215.
- Hart, Richard L., McCook, Nebr. Chicken feeder. 2,671,429, Mar. 9.
- Hart, Vern A.: *See—*
Bright, Warren E., and Hart. 2,680,530.
- Hart, William F.: *See—*
Niederl, Joseph B., McGreal, and Hart. 2,695,291.
- Hartel, Erwin H. 2,685,932, Cl. 170—160.17.
- Harter, Isaac, Jr., to The Babcock & Wilcox Co. 2,682,691, Cl. 22—57.2.
- Harter, Isaac, and C. L. Norton, Jr., assignors to The Babcock & Wilcox Company. 2,674,539, Cl. 106—50.
- Härter, Paul, assignor to Eastman Kodak Company. 2,675,189, Cl. 242—71.
- Harter, Robert L., to Trabon Engineering Corp. 2,684,732, Cl. 184—7.
- Hartford National Bank and Trust Co.: *See—*
Alma, Gerrit H. P., and Rodenhuis. 2,695,972.
- Anderson, Charles H. J., and van Werd.
- Anderson, Charles H. J., and van Werd. 2,692,310.
- Bailey, Christopher E. G., and Paul. 2,691,095.
- Becking, Augustus G. T. 2,676,283.
- Birkbeck, Guy, Tremlett, Noltingk, and Neppiras. 2,676,236.
- Boelens, Willem W., and van Zelst. 2,698,379.
- Boldingh, Willem H. 2,691,735.
- Boterweg, Dirk, and Slooff. 2,685,010.
- Brandt, Adrianus.
- Brouwer, Pieter H. J. 2,695,370.
- Buchner, Robert B. 2,676,286.
- Buchner, Robert B. 2,688,659.
- Buchner, Robert B. 2,688,660.
- Buchner, Robert B. 2,691,067.
- Buchner, Robert B. 2,691,121.
- Buchner, Robert B. 2,693,504.
- Buchner, Robert B. 2,693,505.
- Buchner, Robert B. 2,693,506.
- Buchner, Robert B. 2,697,751.
- Buchner, Robert B. 2,697,752.
- Buchner, Robert B., and Borchering. 2,697,750.
- Clay, Pieter H. 2,690,899.

- Hartford National Bank and Trust Co.: *See*—Continued.
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 Gradstein, Stephan.
 Hansen, Hendrik N. 2,676,259.
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 Jonker, Gerard H.
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 Köhler, Jacob W. I.
 Koopmans, Martinus J. 2,695,841.
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 Kröger, Ferdinand A., and Boomgaard.
 Kronouer, Johan G. 2,698,257.
 Kuhn, Werner, and Verse. 2,685,037.
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 Kuntke, Alfred, and Mester.
 Le Comte, Corstiaan. 2,676,215.
 Lemmens, Hendrikus J., Jansen, and Zaat.
 Le Poole, Jan B.
 Lipps, Eduard M. H., and van Zuilen. 2,689,641.
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 Moed, Hendrik D., and Asscher. 2,683,743.
 Mol, Gerardus C. J. 2,685,075.
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 Oswald, Karl.
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 Reiniger, Friedrich. 2,692,340.
 Rinia, Herre. 2,676,246.
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 Six, Willem. 2,695,971.
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- Hartig, Martval J. P., to E. I. du Pont de Nemours & Co. 2,691,660, Cl. 260—346.8.
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 Harting, Edwin W. 2,674,301, Cl. 155—93.
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 Hartley, Fred L., to Union Oil Co. of California. 2,691,623, Cl. 196—24.
 Hartley, George C., F. H. Bray, and M. C. Branch, to International Standard Electric Corp. 2,686,224, Cl. 179—18.
 Hartley, Gilbert S., Fulbourn, and D. W. Pound, Cambridge, assignors to Pest Control Limited, Cambridge-shire, England. Preparation of bis-dialkylamino phosphonous anhydrides. 2,671,109, Mar. 2.
 Hartley, Gilbert S., D. W. Pound, D. F. Heath, and J. M. Hulme, assignors to Pest Control Limited. 2,678,334, Cl. 260—543.
 Hartley Pen Co.: *See*—
 Sears, Hartley M. 2,693,170.
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 Silverman, Daniel, and Hartline. 2,674,877.
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 Hartman, Abraham L. 2,696,686, Cl. 38—119.
 Hartman, Chester A., to Meehanite Metal Corp. 2,683,032, Cl. 266—43.
 Hartman, Frank W., Jr., assignor to Holley Carburetor Company, Detroit, Mich. Automotive ignition contact point. 2,669,633, Feb. 16.
 Hartman, Frank W., Jr., and K. S. Johnson, to Holley Carburetor Co. 2,698,010, Cl. 123—117.
 Hartman, Herbert G., and R. E. Stark, assignors to The Gleason Works. 2,680,622, Cl. 279—2.
 Hartman, Joseph A., to American Box Board Co. 2,693,742, Cl. 93—36.
 Hartman, Joseph L. 2,683,067, Cl. 311—37.
 Hartman, Philip, to Kaufmann Luggage Co., Inc. 2,689,028, Cl. 190—54.
 Hartman, Richard A., and L. H. Flora, assignors to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,672,905, Mar. 23.
 Hartman, Robert B., Bridgeport, and W. H. Aitken, Milford, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Detector for ferrous metal. 2,670,457, Feb. 23.
 Hartman, William C., assignor to The Sperry Corporation. 2,679,033, Cl. 340—24.
 Hartman, William W. 2,696,253, Cl. 164—47.
 Hartmann & Braun Aktiengesellschaft: *See*—
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 Bucknam, James H., and Hartmann. 2,680,608.
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 Hartmann, Gilbert L., and S. A. Slinde, assignors to Milwaukee Flush Valve Company, Milwaukee, Wis. Combination spout and shower fixture. 2,673,572, Mar. 30.
 Hartmann, Helmut: *See*—
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 Hartmann Manufacturing Company, assignee: *See*—
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 Hartmann, Philip, assignor to Hartmann Manufacturing Company. 2,679,306, Cl. 192—58.
 Hartner, Leo: *See*—
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 Hartough, Howard D., and J. J. Dickert, Jr., assignors to Socony-Vacuum Oil Company, Incorporated. 2,678,333, Cl. 260—509.
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 Hartranft, Clifford R. 2,675,627.
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 Hartung, Charles A., to Sun Oil Co. 2,696,876, Cl. 158—122.
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 Leskiewicz, Stanley, and Hartung. 2,690,204.
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 Hartweg, Dale G., Tulsa, Okla., assignor to The Dow Chemical Company, Midland, Mich. Detection of fluid movement in wells. 2,669,872, Feb. 23.
 Hartwell, George W., Springfield, Mass., assignor to Worthington Corporation. Rotary pump adapted to be supported and actuated by a power take-off shaft of a motor. 2,666,395, Jan. 19.
 Hartwell, George W., to Worthington Corp. 2,681,177, Cl. 230—24.
 Hartwick, Elbert F., to Aluminium Laboratories Ltd. 2,681,943, Cl. 13—23.
 Hartwig, Edward C., and R. F. Barrell, assignors to Westinghouse Electric Corporation. 2,679,021, Cl. 315—230.
 Hartwig, Walter J., to Allis-Chalmers Mfg. Co. 2,695,194, Cl. 299—62.
 Hartzell, Blanche D.: *See*—
 Donehower, William P., and Hamlin. 2,688,413.
 Hartzell, Eugene, and V. L. Pratt. 2,692,461, Cl. 51—184.3.
 Hartzell, Herman L., and A. G. Lautzenhiser, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine governor. 2,664,867, Jan. 5.
 Hartzell Industries, Inc.: *See*—
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- Hartzell, Maurice: *See*—
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- Hartzler, Melvin E.: *See*—
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McKee, John F., and Hartzler. 2,678,689.
- Harvard Mfg. Co., The: *See*—
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- Harvel Corporation, The, assignee: *See*—
Wasserman, David.
- Harvel Research Corp.: *See*—
Harvey, Mortimer T. 2,678,892.
Harvey, Mortimer T. 2,691,607.
Harvey, Mortimer T., and Rosamilia. 2,683,104.
Harvey, Mortimer T., and Rosamilia. 2,683,133.
Harvey, Mortimer T., and Rosamilia. 2,694,490, Cl. 209—18.
- Harvengt, Edmond, to Link-Belt Co. 2,689,165, Cl. 23—14.5.
- Harvey, Earle M., to the United States of America as represented by the Secretary of War. 2,690,095, Cl. 89—149.
- Harvey, Edward W., and G. L. Frear, assignors to Allied Chemical & Dye Corporation. 2,680,679, Cl. 71—37.
- Harvey, Herbert, Los Angeles, Calif., assignor, by mesne assignments, to United States Steel Corporation. Fluid pressure actuated pumping unit. 2,665,550, Jan. 12.
- Harvey, Herbert, Los Angeles, Calif., assignor to United States Steel Corporation. Valve operating mechanism. 2,665,709, Jan. 12.
- Harvey, Herbert, Los Angeles, Calif., assignor, by mesne assignments, to United States Steel Corporation. Construction for rotary pumps. 2,672,100, Mar. 16.
- Harvey, James L., to Atlas Powder Co. 2,690,444, Cl. 260—340.7.
- Harvey, James L., to Atlas Powder Co. 2,691,026, Cl. 260—340.7.
- Harvey, Leo M., assignee: *See*—
Frick, Chester A. 2,679,336.
- Harvey, Leo M. 2,689,530, Cl. 103—148.
- Harvey, Leo M. 2,695,567, Cl. 103—148.
- Harvey, Merlin P.: *See*—
Ladd, Elbert C., and Harvey.
- Harvey, Mortimer T., assignor to The Harvel Research Corporation. 2,678,892, Cl. 117—118.
- Harvey, Mortimer T., to Harvel Research Corp. 2,691,607, Cl. 117—128.4.
- Harvey, Mortimer T., and P. L. Rosamilia, to Harvel Research Corp. 2,683,104, Cl. 154—43.
- Harvey, Mortimer T., and P. L. Rosamilia, to Harvel Research Corp. 2,683,133, Cl. 260—64.
- Harvey, Norman L., to Sylvania Electric Products Inc. 2,690,558, Cl. 343—104.
- Harvey, Philip G., to Imperial Chemical Industries Ltd. 2,688,042, Cl. 260—597.
- Harvey, Philip G., and N. Ackroyd, to Imperial Chemical Industries Ltd. 2,694,091, Cl. 260—604.
- Harvey, Thomas A.: *See*—
Kumpf, August W., and Harvey.
- Harvie, Walter E., Lynwood, Calif. Opening means for locking wrench type pliers. 2,664,774, Jan. 5.
- Harvill, Robert E.: *See*—
Moore, Thomas G., and Harvill.
- Harvlie, Victor E.: *See*—
Boyce, Willford H., and Harvlie. 2,689,331.
- Harwell, Roy M., Sr. 2,676,848, Cl. 300—4.
- Harwin, C. W., Inc., assignee: *See*—
Roselund, Harold A.
- Harwood, Edwin A. 2,681,199, Cl. 248—206.
- Harwood, James, Western Springs, C. W. Hoerr, and R. A. Reck, assignors to Armour and Company, Chicago, Ill. Separation of tall oil acids. 2,672,458, Mar. 16.
- Harwood, Kenneth J.: *See*—
Graef, John M., Harwood, and Sabee.
- Harwood, Stanley G., assignee: *See*—
Kenney, Robert W.
- Harz, Albert W. 2,695,812, Cl. 299—37.
- Harz, Hermann, to Radio Patents Co. 2,682,029, Cl. 322—24.
- Harza, Le Roy F.: *See*—
Davis, Calvin V., Harza, and Ward.
- Harza, Leroy F. 2,683,354, Cl. 61—28.
- Hasbany, Woodrow A., assignor to The Studebaker Corporation, South Bend, Ind. Parking lockup for transmissions. 2,670,064, Feb. 23.
- Hasbrouck, Augustus, and W. A. Parkins, to United Aircraft Corp. 2,685,166, Cl. 60—29.
- Hasbrouck, John S., to United Aircraft Corp. 2,684,739, Cl. 192—48.
- Hasbrouck, Richard B., Waukegan, assignor to Abbott Laboratories, North Chicago, Ill. Ethylenediamine salts of cyclopentanopolylhydrophenanthrene-3-monosulfates. 2,666,066, Jan. 12.
- Hasche, Rudolph L., Johnson City, Tenn., assignor, by mesne assignments, to Koppers Company, Inc., Pittsburgh, Pa. Acetylene separation process. 2,667,234, Jan. 26.
- Hasche, Rudolph L., assignor, by mesne assignments, to Koppers Company, Inc. 2,678,956, Cl. 260—679.
- Hasche, Rudolph L., to Carbonic Development Corp. 2,692,131, Cl. 263—51.
- Hasche, Rudolph L., and C. J. Coberly; said Coberly to Wulf Process Co. 2,692,819, Cl. 23—277.
- Hasek, Robert H., to Eastman Kodak Co. 2,691,046, Cl. 260—604.
- Haselkorn, Howard: *See*—
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- Hasell, Henry P.: *See*—
Fox, Herbert S., and Hasell. 2,693,167.
- Hasenkamp, John F. 2,695,976, Cl. 315—76.
- Haskel Engineering & Supply Co.: *See*—
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- Haskelite Mfg. Corp.: *See*—
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- Haskell, Charles W. 2,674,362, Cl. 197—20.
- Haskell, John D., assignor to The Black-Clawson Co. 2,681,771, Cl. 242—56.
- Haskell, John D., to The Black-Clawson Co. 2,697,851, Cl. 18—1.
- Haskell, Langdon C.: *See*—
Royce, Harvey D., and Haskell.
- Haskell, Nelson B., to The Texas Co. 2,692,191, Cl. 44—63.
- Haskins, Fred J.: *See*—
Enslein, Kurt, and Haskins.
- Haskins, Robert, Richmond, Va., assignor to Flight Research, Inc. Automatic constant speed governor for engines driving variable pitch propellers. 2,669,310, Feb. 16.
- Haskris Co.: *See*—
Haas, Frank L. 2,680,956.
- Haslam, John H., to E. I. du Pont de Nemours and Co. 2,684,972, Cl. 260—429.
- Hasler, Maurice F., D. R. Proctor, J. W. Kemp, and R. W. Lindhurst, assignors to Applied Research Laboratory. 2,675,734, Cl. 88—14.
- Haslett, Elmer, Forest Hills, N. Y. Coaster. 2,672,250, Mar. 16.
- Haspert, John, Tampa, Fla. Inking mechanism for cylinder printing presses. 2,669,179, Feb. 16.
- Hass, Henry B., assignee: *See*—
Brody, Nathan.
- Hass, Peter S.: *See*—
Garoutte, John M., and Hass. 2,687,290.
- Hassan, Fauthal A.: *See*—
Hassan, Joseph A. 2,683,604.
- Hassan, Joseph A., 1/2 to F. A. Hassan. 2,683,604, Cl. 273—152.1.
- Hasselbaum, Oscar H., assignor to Joseph Pollak Corporation. 2,680,165, Cl. 200—18.
- Hasselblad, Ambrose A., and W. J. 2,680,623, Cl. 279—46.
- Hasselblad, Walter J.: *See*—
Hasselblad, Ambrose A., and W. J. 2,680,623.
- Hasselhorn, Walter C., to Cook Electric Co. 2,688,105, Cl. 313—51.
- Hassel, Edward J., to National Steel Corp. 2,690,424, Cl. 204—206.
- Hasselquist, Victor H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for seaming plastic sheet material. 2,665,737, Jan. 12.
- Hasselquist, Victor H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Foldable liquid container. 2,672,904, Mar. 23.
- Hasselquist, Victor H., to The B. F. Goodrich Co. 2,685,436, Cl. 259—8.
- Hasselquist, Victor H., to The B. F. Goodrich Co. 2,686,006, Cl. 230—160.
- Hasselstrom, Torsten. 2,678,283, Cl. 106—174.
- Hasselstrom, Torsten. 2,679,461, Cl. 106—174.
- Hasselstrom, Torsten. 2,679,509, Cl. 260—468.
- Hassinen, John B.: *See*—
Tomarelli, Rudolph M., Hassinen, Durbin, and Bernhart. 2,697,663.
- Hassink, Albert. 2,675,149, Cl. 223—91.
- Hassman, Fred A., to The Cincinnati Milling Machine Co. 2,690,097, Cl. 90—21.
- Hassold, Victor C., to Steel Heddle Mfg. Co. 2,697,454, Cl. 139—92.
- Hastain, Charles S. 2,676,628, Cl. 144—208.
- Hastie, Christopher. 2,686,069, Cl. 287—53.
- Hastings, Carlton H., and R. D. Kodis. 2,684,464, Cl. 324—37.
- Hastings, Donald F., assignor to Bendix Aviation Corporation. 2,674,731, Cl. 340—253.
- Hastings, Earl G., Jr., Tulsa, Okla. Barbecue oven. 2,666,425, Jan. 19.
- Hastings, Jeremy R. B.: *See*—
White, Theodore, and Hastings. 2,674,591.
- Hastings Mfg. Co.: *See*—
Anderson, Hugo F. 2,693,398.
Dutterer, Rex J. L. 2,691,971.
Phillips, Harold P. 2,677,977.
- Hastings, Randall: *See*—
Barthel, Justus C., and Hastings. 2,680,694.
- Hastings, Russell, Jr., and W. A. Bong, to Lewis-Shepard Co. 2,687,190, Cl. 188—171.
- Hastings, Sam H., J. A. Anderson, Jr., and A. T. Watson, to Standard Oil Development Co. 2,693,495, Cl. 260—674.
- Hasty, Robert A.: *See*—
Bostock, James H., Hasty, and Otis. 2,676,782.
- Haswell, Walter T., and C. H. Parmelee, assignors to Onondaga Pottery Company. 2,679,386, Cl. 259—72.
- Hat Corp. of America: *See*—
Hoffman, Stanley G., and Schmidt. 2,696,618.
Rickus, George M. 2,696,612.

- Hatch, Alden B.: *See*—
Muir, Robert D., and Hatch. 2,682,493.
- Hatch, Donald M., Jr.: *See*—
Forbes, Charles T., and Hatch. 2,683,105.
- Hatch, Gerald G., assignor, by mesne assignments, to Kennecott Copper Corporation. 2,676,882, Cl. 75—201.
- Hatch, Robert A., and J. E. Comeforo. 2,675,853, Cl. 154—2.6.
- Hatcher, David B., Evanston, Ill., assignor, by mesne assignments, to Allied Chemical & Dye Corporation, New York, N. Y. Production of cyclic organosilicon compounds. 2,665,287, Jan. 5.
- Hatcher, David B., to Allied Chemical & Dye Corp. 2,695,276, Cl. 260—18.
- Hatcher, David B., and R. H. Bunnell, to Allied Chemical & Dye Corp. 2,683,674, Cl. 117—123.
- Hatcher, David B., and R. H. Bunnell, to Allied Chemical & Dye Corp. 2,684,974, Cl. 260—448.2.
- Hatcher, William D., Jr.: *See*—
Strnad, Emanuel, and Hatcher. 2,696,909.
- Hatfield, Harold B., Jr. 2,685,764, Cl. 49—52.
- Hatfield, James R., assignor to Cities Service Oil Company, Bartlesville, Okla. Oil well pump. 2,664,827, Jan. 5.
- Hatfield, Jesse M., to The Pure Oil Co. 2,691,508, Cl. 257—239.
- Hatfield, John E., Stotfold, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute harness and coupling therefor. 2,672,309, Mar. 16.
- Hatfield, John E. 2,676,655, Cl. 161—1.
- Hatfield, Walter F. 2,675,614, Cl. 30—43.
- Hathaway, Augustus J., III, assignor to National Lead Company. 2,678,887, Cl. 106—57.
- Hathaway, Claude M., to Hathaway Instrument Co. 2,682,170, Cl. 73—88.5.
- Hathaway, Claude M., to Hathaway Instrument Co. 2,688,257, Cl. 74—353.
- Hathaway, Claude M., to Hathaway Instrument Co. 2,698,417, Cl. 324—97.
- Hathaway, Earl B., to Western Electric Co., Inc. 2,692,963, Cl. 317—149.
- Hathaway Instrument Co.: *See*—
Alford, Wayne A. 2,687,337.
Davis, William L. 2,687,338.
Hathaway, Claude M. 2,682,170.
Hathaway, Claude M. 2,688,257.
Hathaway, Claude M. 2,698,417.
- Hathaway, Jarrett L.: *See*—
Hunt, Frederick V., Schuck, Rutherford, Hathaway, and Butz.
- Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,673,332, Mar. 23.
- Hathaway, Jarrett L., and R. E. Lafferty, to Radio Corp. of America. 2,692,306, Cl. 179—171.
- Hathway, David E.: *See*—
Coffey, Samuel, Fairweather, and Hathway. 2,685,582.
- Hatke, Charles W. 2,693,615, Cl. 16—83.
- Hattan, Mark. 2,692,513, Cl. 74—687.
- Hattery, Wolfe A., to Teletype Corp. 2,697,763, Cl. 200—80.
- Hatton, Frederick F., assignor to The Hatton-Pardue Corporation. 2,680,252, Cl. 5—99.
- Hatton-Pardue Corporation, The, assignee: *See*—
Hatton, Frederick F. 2,680,252.
- Hatton, Roger E.: *See*—
Gamrath, Harry R., and Hatton. 2,678,329.
Gamrath, Harry R., and Hatton. 2,694,689.
- Hatz, Thomas R., Jr.: *See*—
Lower, Frank K., and Hatz.
- Haubursin, Richard, to General Motors Corp. 2,690,544, Cl. 339—152.
- Hauck, Edwin J., to The Babcock & Wilcox Co. 2,686,500, Cl. 122—333.
- Hauck, Robert M.: *See*—
Anderson, Arvid A., and Hauck. 2,676,677.
- Hauck, Theodore, to General Bronze Corp. 2,685,110, Cl. 20—52.2.
- Hauer, Leon C., Ross Township, Pittsburgh, assignor to M. E. Cunningham Company, Pittsburgh, Pa. Stamping die holder. 2,670,677, Mar. 2.
- Hauer, Werner, to International Standard Electric Corp. 2,690,478, Cl. 179—18.
- Haueter, Paul R. 2,675,675, Cl. 60—39.39.
- Hauf, George F., River Forest, assignor to Chicago Metal Mfg. Co., Chicago, Ill. Support for coin controlled machines. 2,666,607, Jan. 19.
- Haufe, Ted B., and J. O. Iverson, to Universal Oil Products Co. 2,697,030, Cl. 23—260.
- Huffman, Axel W.: *See*—
Hellkvist, Alf O. 2,689,588.
- Haug, Anton J. 2,674,162, Cl. 92—26.
- Haugaard, Norman. 2,695,140, Cl. 242—74.
- Haugaard, Robert D. 2,688,901, Cl. 88—99.
- Haugeland, John C. 2,680,257, Cl. 10—139.
- Haughton Elevator Co.: *See*—
Borden, Joseph H. 2,685,348.
Burgy, Raymond A. 2,691,149.
Yeasting, Maynard C. 2,688,384.
- Haughy, James C., Red Bluff, assignor to A. H. Thompson, San Francisco, Calif. Wrench for insertable teeth in saws. 2,669,886, Feb. 23.
- Haumiller, Charles and C. A. 2,685,994, Cl. 226—14.
- Haumiller, Clifford A.: *See*—
Haumiller, Charles and C. A. 2,685,994.
- Haupt, Karl F.: *See*—
Epstein, Samuel, and Haupt. 2,694,627.
- Haury, Vernon E., to Shell Development Co. 2,692,283, Cl. 260—566.
- Haury, Vernon E., to Shell Development Co. 2,692,284, Cl. 260—566.
- Haury, Vernon E., 1/2 to Simco, Inc. 2,693,480, Cl. 260—413.
- Hause, Norman L., assignor to E. I. du Pont de Nemours and Company. 2,678,319, Cl. 260—346.1.
- Hauseman, Marilyn J., assignor to Bridger Ski Lift, Incorporated. 2,677,331, Cl. 104—112.
- Hauser, Arthur A., E. J. Nagy, G. E. White, and H. Harris, Jr., to The Sperry Corp. 2,696,947, Cl. 235—61.5.
- Hauser, Bertram, to Servit Foods Corp. 2,687,764, Cl. 154—42.
- Hauser, Friedrich, to Wurttembergische Uhrenfabrik Burk Sohne. 2,682,145, Cl. 58—6.
- Hauser, Joseph E. 2,694,376, Cl. 113—103.
- Hauser, Richard F., Bergenfield, assignor to Bendix Aviation Corporation, Teterboro, N. J. Magnesium die casting alloy and process. 2,671,039, Mar. 2.
- Hausermann, Heinrich, to J. R. Geigy A. G. 2,694,064, Cl. 260—249.6.
- Hauslein, Adam. 2,695,072, Cl. 182—1.
- Hausman, Arthur H., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,015, Cl. 178—69.
- Hausmann, Joseph A.: *See*—
Johnson, Samuel G., and Hausmann. 2,686,061.
- Hauswirth, Vernon O., Royal Oak, assignor to Dearborn Motors Corporation, Birmingham, Mich. Mechanical memory apparatus for beet toppers or the like. 2,667,024, Jan. 26.
- Hauswirth, Vernon O., Royal Oak, assignor to Dearborn Motors Corporation, Birmingham, Mich. Reel adjustment for side delivery rakes. 2,667,027, Jan. 26.
- Hautau, Charles F. 2,675,272, Cl. 301—37.
- Hautzenroeder, Richard W.: *See*—
Klemm, Herman G., and Hautzenroeder.
- Havelin, Jules E., and F. Kahn. 2,698,252, Cl. 106—120.
- Havemann, Hans A.: *See*—
Winter, Ernest F., and Havemann. 2,680,951.
- Havens, Byron L., Cresskill, N. J., assignor to International Business Machines Corporation, New York, N. Y. Electronic multiplier. 2,672,283, Mar. 16.
- Havens, Byron L., Cambridge, and R. M. Walker, Belmont, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Pulse coincidence indicator. 2,671,182, Mar. 2.
- Havens, Byron L., and J. J. Lentz, to the United States of America as represented by the Secretary of War. 2,693,315, Cl. 235—61.5.
- Havens, Carl B., assignor to The Dow Chemical Company. 2,680,106, Cl. 260—45.7.
- Havens, William C., Pampa, Tex. Rabbit hutch. 2,667,143, Jan. 26.
- Havens, William C. 2,689,708, Cl. 254—124.
- Haver, Harry T. 2,689,415, Cl. 35—17.
- Haverstick, Samuel A.: *See*—
Harris, Walter R., and Haverstick. 2,691,752.
- Haverstock, Julius J.: *See*—
Jones, John P., Haverstock, and Scott. 2,680,366.
- Haviland, Girard S., to The Jacobs Mfg. Co. 2,683,041, Cl. 279—39.
- Haviland, Robert P., Scotia, N. Y. Radar receiver display system. 2,667,575, Jan. 26.
- Haviland, Robert P., to General Electric Co. 2,687,168, Cl. 158—36.
- Haw, John O., Chester, Va., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Packaging apparatus. 2,673,432, Mar. 30.
- Hawaiian Pineapple Co., Ltd.: *See*—
Guigas, Gustav. 2,697,515.
- Haward, Robert N., and J. Elly, Trafford Park, Manchester, assignors to Petrocarbon Limited, London, England. Preparing copolymers of styrene and divinylbenzene. 2,665,270, Jan. 5.
- Haward, Robert N., and J. Elly, Trafford Park, Manchester, assignors, by mesne assignments, to Styrene Products Limited, London, England. Suspension polymerization process. 2,668,806, Feb. 9.
- Hawes, Albert H., to Kwikform Ltd. 2,687,268, Cl. 248—354.
- Hawes, Roland C.: *See*—
Madsen, Royal G., Stickney, and Hawes. 2,698,410.
- Hawie, Edward M., to The Hawie Mfg. Co. 2,686,949, Cl. 24—248.
- Hawie Mfg. Co., The: *See*—
Hawie, Edward M. 2,686,949.
- Hawk, Carson E.: *See*—
Young, Robert B., and Hawk. 2,694,503.
- Hawk, Herman W. 2,677,043, Cl. 240—2.17.
- Hawker Aircraft Ltd.: *See*—
Cross, Frank. 2,696,143.
- Hawkes, Charles T., to Humphreys & Glasgow Ltd. 2,689,164, Cl. 23—2.
- Hawkes, John A., and J. Billing, to British Celanese Ltd. 2,686,102, Cl. 8—121.
- Hawkes, Sidney. 2,696,251, Cl. 164—23.

- Hawkins, Barbara J. 2,693,646, Cl. 35—9.
Hawkins, Curtis O. 2,696,069, Cl. 56—27.5.
Hawkins, Edwin G. E., and E. S. Stern, to The Distillers Co. Ltd. 2,698,339, Cl. 260—168.
Hawkins, Hjalmer J., Chisago City, Minn. Holding device. 2,671,355, Mar. 9.
Hawkins, James E., to Seismograph Service Corp. 2,693,245, Cl. 181—0.5.
Hawkins, Kenneth D., assignor to The Ryan Aeronautical Co. 2,674,471, Cl. 285—129.
Hawkins, Leslie J., Colden, N. Y., assignor to Honan-Crane Corporation, Lebanon, Ind. Keg dumping device. 2,673,009, Mar. 23.
Hawkins, Leslie J., and C. J. Zimmerman, to Honan-Crane Corp. 2,681,746, Cl. 222—165.
Hawkins, Myron B.: See—
Schallert, Paul O., Tompkins, and Hawkins. 2,675,487.
Hawkins, Myron B., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,678,014, Cl. 113—19.
Hawkins, Myron B., and E. R. Tompkins, to the United States of America as represented by the United States Atomic Energy Commission. 2,682,352, Cl. 220—48.
Hawkins, Raymond E., Denver, Colo. Portable sewing box. 2,673,669, Mar. 30.
Hawkins, Stanley W.: See—
Aliberry, Edward C., and Hawkins. 2,687,358.
Hawkins, Willis M., Jr., to Lockheed Aircraft Corp. 2,690,888, Cl. 244—102.
Hawkinson, Earle W., to Paul E. Hawkinson Co. 2,692,001, Cl. 152—370.
Hawkinson, Earle W., to Paul E. Hawkinson Co. 2,697,472, Cl. 154—14.
Hawkinson, Paul E., assignor to Paul E. Hawkinson Company, Minneapolis, Minn. Buffing wheel construction. 2,673,389, Mar. 30.
Hawkinson, Paul E., Co.: See—
Hawkinson, Paul E.
Hawkinson, Earle W. 2,692,001.
Hawkinson, Earle W. 2,697,472.
Hawks, Otis J., Portsmouth, Va. Door holding device. 2,673,760, Mar. 30.
Hawley, Alfred E.: See—
McDonald, Louis, and Hawley. 2,674,523.
Hawley, Amos H., Sr., to The Cincinnati Milling Machine Co. 2,682,941, Cl. 192—4.
Hawley, Emerson E.: See—
Howell, Richard G., and Hawley. 2,677,954.
Hawley, Floyd E. 2,684,260, Cl. 287—100.
Hawley, Mones E., to Radio Corp. of America. 2,691,327, Cl. 93—1.
Hawley Products Co.: See—
Curtis, Russell H.
Curtis, Russell H. 2,685,969.
Lenz, Frank B. 2,685,935.
Hawn, Ralph A., and J. H. Engeln; said Engeln assignor to said Hawn. 2,679,400, Cl. 279—6.
Haworth, Leland J., to the United States of America as represented by the Secretary of War. 2,682,657, Cl. 343—11.
Haworth, Lionel, and P. G. Binns, assignors to Rolls-Royce Limited. 2,680,634, Cl. 287—58.
Haworth, Merton D., to the United States of America. 2,682,017, Cl. 317—83.
Haworth, Russell G., to Potash Co. of America. 2,682,396, Cl. 262—3.
Hawse, La Verne E.: See—
Kiser, Clifford O., and Hawse. 2,679,263.
Hawthorne, Herbert J., Houston, Tex. Detachable blade bit. 2,666,622, Jan. 19.
Hawthorne, Herbert J., and E. M. Weaver. 2,695,158, Cl. 255—61.
Hawthorne, Joseph G.: See—
Cross, Walter M., Jr., and Hawthorne. 2,685,523.
Hawthorne, Nathaniel F., Alameda, Calif. Load indicating accumulator for gauges. 2,669,387, Feb. 16.
Hawthorne Rubber Mfg. Corp.: See—
Young, John S., and Wharton. 2,687,845.
Hay, Dana P., to United Shoe Machinery Corp. 2,697,991, Cl. 112—42.
Hay, Lehman E., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Device for scraping and testing well tubing. 2,668,593, Feb. 9.
Hay, Walter E. 2,693,361, Cl. 273—106.5.
Hay, William W.: See—
Gollus, Le Roy R., Hay, Milton, and Turner. 2,675,068.
Hayakawa, Shigeru, Musashino-Shi, Tokyo-To, Japan. Making an alcoholic malt beverage. 2,665,213, Jan. 5.
Hayden, Boyd. 2,674,059, Cl. 43—42.09.
Hayden, Carl F.: See—
Crosby, Lawrence E., and Hayden. 2,697,940.
Hayden, Howard H. 2,674,458, Cl. 273—135.
Hayden, Joseph T. 2,688,782, Cl. 24—104.
Haydon Manufacturing Company, Inc., assignee: See—
Black, William A., and Poole. 2,678,570.
Hayes, Arnold E.: See—
Glass, John P., and Hayes. 2,681,576.
Hayes, Charles M.: See—
Hayes, Rush E. 2,692,520.
Hayes, David R., Portland, Oreg. Auxiliary gun trigger actuating mechanism. 2,671,287, Mar. 9.
Hayes, George L.: See—
Ryan, Julian G., and Hayes. 2,684,334.
Hayes Industries: See—
Cary, Beecher B. 2,683,573.
Cary, Beecher B. 2,690,294.
Hayes, James H. 2,680,575, Cl. 242—84.4.
Hayes, James H. 2,690,310, Cl. 242—84.7.
Hayes, Jerry R. 2,688,190, Cl. 33—27.
Hayes, Norman C.: See—
Jones, Alfred E., and Hayes.
Hayes, Reginald, and W. J. Goldberg, to Celanese Corp. of America. 2,686,347, Cl. 26—56.
Hayes, Richard D., to Bemis Bro. Bag Co. 2,693,836, Cl. 150—3.
Hayes, Robert A., Franklin Park, assignor to Union Special Machine Company, Chicago, Ill. Work feeding mechanism for sewing machines. 2,669,205, Feb. 16.
Hayes, Robert A., and A. W. Virta, Sr., to Union Special Machine Co. 2,688,293, Cl. 112—199.
Hayes, Rush E., deceased (C. M. Hayes, administrator). 2,692,520. Cl. 81—17.
Hayes, Selden C., and J. T. Lomakin, to Armco Steel Corp. 2,694,001, Cl. 41—42.
Hayhurst, Bud R., assignor to Boeing Airplane Company. 2,677,100, Cl. 324—51.
Hayley, Lewis Y. L., Hillside, Ill. Combination container and television toy. 2,672,706, Mar. 23.
Hayman, Max, assignee: See—
Bolling, Warren E.
Hayman, Richard L., to Haskel Engineering & Supply Co. 2,689,549, Cl. 121—46.
Hayne, Wilbur L., Jr.: See—
Browning, George V., Brunstrum, and Hayne. 2,697,693.
Hayner, Alex, to United Shoe Machinery Corp. 2,683,273, Cl. 12—60.
Hayner, De Eldon E. 2,691,532, Cl. 280—11.2.
Haynes, Alex L., and W. A. Van Wicklin, Jr., to Ford Motor Co. 2,685,211, Cl. 74—388.
Haynes, Alex L., and W. A. Van Wicklin, Jr. 2,688,258, Cl. 74—388.
Haynes, George P., and S. Letvin, to Thermo Projects Inc. 2,688,360, Cl. 158—1.
Haynes, Harold E., Haddonfield, N. J., assignor to Radio Corporation of America. Signal translating apparatus correction system. 2,671,871, Mar. 9.
Haynes, Harold E., to Radio Corp. of America. 2,688,693, Cl. 250—27.
Haynes, Harvey L. 2,676,219, Cl. 200—61.51.
Haynes, James R.: See—
Briggs, Howard B., Haynes, and Shockley. 2,683,794.
Haynes, James R., to Bell Telephone Laboratories, Inc. 2,691,736, Cl. 250—211.
Haynes, James R., and J. A. Morton, assignors to Bell Telephone Laboratories, Incorporated. 2,677,106, Cl. 324—158.
Haynes, Joseph E., Baltimore, Md. Retractable sash tightening device. 2,668,728, Feb. 9.
Haynes, Joseph E., Baltimore, Md. Sash locking device. 2,672,362, Mar. 16.
Haynes, Munro K., to International Business Machines Corp. 2,695,993, Cl. 340—174.
Haynes, Nathan M. 2,677,727, Cl. 179—100.2.
Haynes, Stephen S., assignor to Bendix Aviation Corporation. 2,680,817, Cl. 250—225.
Haynes, Thomas A., assignor to The Upjohn Company. 2,676,741, Cl. 226—88.1.
Haynes, Thomas A., assignor to The Upjohn Company. 2,679,345, Cl. 226—91.
Haynes, Walter S. 2,677,928, Cl. 58—3.
Hays Corp., The: See—
Bailey, George B. 2,693,827.
Nilson, John R. 2,692,357.
Richardson, Robert D. 2,686,245.
Hays, George E., to Phillips Petroleum Co. 2,694,002, Cl. 44—80.
Hays, Harrison L.: See—
Dolezal, Edward, Hays, McCullough, and Hachmuth.
Hays Manufacturing Company, assignee: See—
Bradbury, James G. 2,678,801.
Hayward, Frank W.: See—
Zablocki, Charles J., and Hayward. 2,676,484.
Hayward, Frank W., and C. J. Zablocki. 2,680,055, Cl. 346—110.
Hayward, James G. 2,691,549, Cl. 299—141.
Haywood, Russell I., and L. L. West, to Harris-Seybold Co. 2,683,043, Cl. 279—93.
Hazeltime, John. 2,679,825, Cl. 119—45.
Hazeltime Research, Inc., assignee: See—
Arkus, Henry. 2,675,472.
Brunn, Robert B. J.
Douglas, Ronald W., and Lindell.
Hirsch, Charles J.
Hirsch, Charles J. 2,686,910.
Kirkness, Robert H. 2,675,423.
Loughlin, Bernard D. 2,678,388—9.
Loughlin, Bernard D. 2,678,964.
Lowman, Roderic V. 2,691,073.
Okrent, Jasper J.
Richman, Donald.
Richman, Donald. 2,697,744.
Wilhelmsen, Carl R.
Hazelton, George, and J. W. Pratt, to United Shoe Machinery Corp. 2,692,999, Cl. 12—16.2.
Hazen, Edward J., and J. E. Bevins, to Bendix Aviation Corp. 2,697,327, Cl. 60—39.28.

- Hazen, Frank D., Pittsburgh, Pa. Industrial heating furnace. 2,670,945, Mar. 2.
- Hazen, Frank D., to M. H. Detrick Co. 2,694,992, Cl. 110—99.
- Hazlett, Frank P., to Jones & Laughlin Steel Corp. 2,691,054, Cl. 260—674.
- Head, Howard, to Head Ski Co., Inc. 2,694,580, Cl. 280—11.13.
- Head, James D.: *See*—
Britton, Edgar C., and Head. 2,676,189.
- Head, Paul A. 2,685,162, Cl. 56—293.
- Head Ski Co., Inc.: *See*—
Head, Howard. 2,694,580.
- Headland, Herbert N.: *See*—
Russell, John J., and Headland. 2,687,994.
- Headlee, Alvah J. W., and R. G. Hunter. 2,689,718, Cl. 262—20.
- Headrick, Lewis B., Lancaster, Pa., assignor to Radio Corporation of America. Four-color kinescope. 2,669,671, Feb. 16.
- Heal, Paul E., to The Pure Oil Co. 2,687,574, Cl. 33—169.
- Heald Machine Co., The: *See*—
Hahn, Robert S. 2,680,941.
Humes, Norman S. 2,680,939.
- Heald, Norman R.: *See*—
Abell, Harry D., and Heald. 2,679,393.
- Healey, William A., Jr. 2,689,702, Cl. 248—71.
- Healy, Francis V., Jr.: *See*—
Healy, Francis V., Sr., and F. V. Healy, Jr. 2,685,752.
- Healy, Francis V., Sr., and F. V. Healy, Jr. 2,685,752, Cl. 38—118.
- Healy, Joseph F.: *See*—
Hubbell, Harvey, and Healy. 2,674,722.
Hubbell, Harvey, and Healy. 2,683,864.
Modrey, Henry J., and Healy. 2,698,423.
- Healy, Judd W.: *See*—
Yahnke, Robert L., and Healy. 2,677,002.
- Heap, Robert: *See*—
Hadley, David J., Heap, and Nichol.
- Heard, Llewellyn: *See*—
Webb, Glenn M., and Heard. 2,686,159.
- Heard, Llewellyn, to Standard Oil Co. 2,696,474, Cl. 252—309.
- Hearst Corp., The: *See*—
Wilner, John T. 2,682,592.
- Hearsum, Desmond R.: *See*—
Carey, Edward J., and Hearsum. 2,682,995.
- Heasley, Charles K., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Stencil and backing unit. 2,664,818, Jan. 5.
- Heat and Industry Inc., assignee: *See*—
Gagnaire, Louis. 2,676,670.
- Heat Exchangers Ltd.: *See*—
Toogood, George D. 2,692,477.
- Heater, Charles L., and R. B. Cottrell, to American Steel Foundries. 2,697,406, Cl. 105—197.
- Heath, Albert J.: *See*—
Mercer, John L. C., and Heath. 2,688,913.
- Heath, Amos R., Rochester, N. Y. Clothes pole. 2,665,871, Jan. 12.
- Heath, Arthur C., Jr.: *See*—
Ennor, William T., and Heath. 2,683,294.
- Heath-Brown, Basil: *See*—
Bergel, Franz, Cohen, Atherton, Heath-Brown, and Hughes. 2,693,470.
- Heath, Clarence W., assignors to United-Carr Fastener Corporation. 2,677,972, Cl. 74—424.8.
- Heath, Dennis F.: *See*—
Hartley, Gilbert S., Pound, Heath, and Hulme. 2,678,334.
- Heath, Neill M. 2,693,198, Cl. 137—251.
- Heath, Roy W., Fresno, Calif. Electrically operated control system. 2,667,748, Feb. 2.
- Heath, Thomas D.: *See*—
Bosqui, Francis L., and Heath. 2,692,677.
- Heath, William B., New Bedford, assignor to American Optical Company, Southbridge, Mass. Device for stretching and shaping spectacle frames. 2,665,601, Jan. 12.
- Heathcote, Albert E., assignor to Barblok Inventions Proprietary Limited. 2,675,030, Cl. 140—61.
- Heat-X-Changer Co., Inc., The: *See*—
Boling, Cecil, and Tigges. 2,682,157.
Donovan, William J., and Boling.
- Hebard, Glen G.: *See*—
Pryor, Robert C., and Hebard. 2,684,575.
- Hebbel, Emil E., Jr.: *See*—
Lester, William N., and Hebbel.
- Hebenstreit, Lester V., assignor to Specialties Development Corporation. 2,678,366, Cl. 201—63.
- Hebenstreit, Louis F. 2,677,298, Cl. 85—23.
- Hebenstreit, William B., assignor to Hughes Tool Company. 2,676,257, Cl. 250—33.63.
- Heberlein, Wilhelm: *See*—
Weil, Valentin, and Heberlein. 2,677,713.
- Heberlein, Gustave E., Jeannette, assignor, by mesne assignments, to I-T-E Circuit Breaker Company, Philadelphia, Pa. Disconnect switch. 2,673,902, Mar. 30.
- Heberlein, Gustave E., Bryn Mawr, assignor, by mesne assignments, to I-T-E Circuit Breaker Company, Philadelphia, Pa. Disconnect switch. 2,673,903, Mar. 30.
- Heberlein, Gustave E., Bryn Mawr, assignor, by mesne assignments, to I-T-E Circuit Breaker Company, Philadelphia, Pa. Hinge bearing of disconnect switch. 2,673,904, Mar. 30.
- Heberlein, Gustave E., Bryn Mawr, assignor, by mesne assignments, to I-T-E Circuit Breaker Company, Philadelphia, Pa. Hinge bearing of disconnect switches. 2,673,913, Mar. 30.
- Hébert, Julian. 2,684,012, Cl. 88—16.
- Hechenbleikner, Ingenuin: *See*—
Kaiser, Donald W., and Hechenbleikner. 2,691,021.
- Hechenbleikner, Ingenuin, to American Cyanamid Co. 2,686,203, Cl. 260—551.
- Hechenbleikner, Ingenuin, to American Cyanamid Co. 2,692,893, Cl. 260—461.
- Hecht, Benjamin P., Dorchester, and F. Koury, Somerville, assignors to Sylvania Electric Products Inc., Salem, Mass. Selenium rectifier. 2,669,767, Feb. 23.
- Hecht, George: *See*—
Cornell, Warren A., Hall, Hecht, Koechling, Korn, and Powell.
Hall, Nathan I., Hecht, and Koechling.
- Hecht, Helmut: *See*—
May, Otto, and Hecht.
- Hecht, Helmut G., to O. H. May. 2,696,165, Cl. 100—282.
- Hecht, Milton. 2,675,808, Cl. 130—5.
- Hechter, Oscar: *See*—
Jeanloz, Roger, Hechter, Pincus, and Schenker. 2,676,904.
Pincus, Gregory, and Hechter.
- Hechter, Oscar, Worcester, R. P. Jacobsen, Shrewsbury, R. Jeanloz, H. Levy, and G. Pincus, Worcester, and V. Schenker, Shrewsbury, Mass., and C. W. Marshall, assignors to G. D. Searle & Co., Chicago, Ill. Biochemical processes for the oxygenation of steroids. 2,666,016, Jan. 12.
- Hechtl, Max. 2,686,496, Cl. 120—91.
- Heck, Edward S.: *See*—
Strackbein, Alex, Heck, and Henn. 2,692,324.
- Heckathorn, Loyd E., and E. C. Whitcomb, to H. B. and J. M. Rapp, G. A. and M. A. Sattler, B. R. Twist, M. K. Thomas, and H. B. Rapp, Jr. 2,687,680, Cl. 97—46.07.
- Heckel, Harry L., Jr., to Allied Chemical & Dye Corp. 2,684,964, Cl. 260—249.7.
- Heckendorf, Howard A., Chicago, Ill., assignor to International Harvester Company. Vacuum regulating device for pipe-line milkers. 2,667,856, Feb. 2.
- Heckendorf, Howard A., Chicago, Ill., assignor to International Harvester Company. Continuous milk can filling attachment. 2,670,889, Mar. 2.
- Heckendorf, Howard A., assignor to International Harvester Company. 2,674,406, Cl. 230—232.
- Heckendorf, Howard A., to International Harvester Co. 2,682,992, Cl. 233—20.
- Heckendorf, Howard A., to International Harvester Co. 2,685,884, Cl. 134—56.
- Heckendorf, Howard A., to International Harvester Co. 2,690,734, Cl. 119—14.44.
- Hecker, Arthur C.: *See*—
Leistner, William E., and Hecker. 2,680,107.
- Hecker, Leonard R., Havertown, and M. P. Clark, Upper Darby, Pa., assignors, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Method and apparatus for making bags. 2,673,495, Mar. 30.
- Heckerman, Pearl M. G. 2,677,349, Cl. 119—31.
- Heckert, Winfield W., to E. I. du Pont de Nemours and Co. 2,689,839, Cl. 260—37.
- Heckmaier, Joseph: *See*—
Bergmeister, Eduard, Gruber, and Heckmaier.
- Heckman, Earle D. 2,697,389, Cl. 94—35.
- Heckmann, Joseph A.: *See*—
Jablonsky, Roy D., and Heckmann. 2,688,796.
- Heckrotte, Robert S., to E. I. du Pont de Nemours and Co. 2,681,496, Cl. 28—32.
- Hecox, William: *See*—
Merrill, Roger L., and Hecox. 2,688,459.
Merrill, Roger L., and Hecox. 2,688,740.
Merrill, Roger L., Hecox, and Der Mott. 2,688,441.
- Hedbäck, Tore J. H.: *See*—
Dalin, David, and Hedbäck. 2,689,212.
- Hedberg, Carl W. J., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitator and extended surface electrode structure therefor. 2,672,207, Mar. 16.
- Hedberg, Carl W. J., assignor to Research Corporation. 2,677,439, Cl. 183—120.
- Hedberg, Carl W. J., and H. A. Wintermute, assignors to Research Corporation. 2,677,434, Cl. 183—7.
- Hedeen, M. Sidney, assignee: *See*—
Tonkin, Albert.
- Hedelund, John W.: *See*—
Frevel, Ludo K., and Hedelund. 2,691,684.
Frevel, Ludo K., and Hedelund. 2,691,685.
- Hedenburg, Oscar F., Pittsburgh, Pa., assignor, by mesne assignments, to Rex Research Corporation, Toledo, Ohio. Insecticides and insecticidal compositions. 2,665,233, Jan. 5.
- Hedenskoog, Ernest, to The Brunswick-Balke-Collender Co. 2,688,486, Cl. 273—42.
- Hedge, Lafayette B., to the United States of America as represented by the Secretary of the Army. 2,690,125, Cl. 102—49.
- Hedgecock, Darrell M., Snyder, N. Y. Electrical baseboard construction. 2,673,967, Mar. 30.

- Hedges, Charles S.: *See*—
Lime, Ermal J., and Hedges. 2,684,782.
Hedges, Charles S., to The Vendo Co. 2,694,505, Cl. 221—82.
Hedges, Lee M.: *See*—
Novotny, Edison H., and Hedges. 2,682,085.
Hedglon, Mead. 2,676,730, Cl. 220—90.
Hedgpeth, Edward B., 2,680,626, Cl. 280—406.
Hedgpeth, Theron L.: *See*—
Courtney, Joseph F. 2,694,920.
Hedgren, Arthur W., and A. A. Brown, to H. H. Robertson Co. 2,696,281, Cl. 189—86.
Hediger, Ernst, to The Carborundum Co. 2,691,605, Cl. 117—62.
Hedin, Anton. 2,687,890, Cl. 273—138.
Hedinger, Ernst, Schlieren, Switzerland, assignor to Joseph Weidenhoff, Incorporated, Algona, Iowa. Ignition system analyzer. 2,665,408, Jan. 5.
Hedlund, Arthur W. 2,692,483, Cl. 62—119.5.
Hedlund, Edward A. 2,684,527, Cl. 29—427.
Hedman, Gustave H., to Farrel-Birmingham Co., Inc. 2,681,621, Cl. 103—126.
Hedrick, Orlan K.: *See*—
Hansen, Steven L., and Hedrick. 2,684,487.
Hedrick, Paul L.: *See*—
Croze, Martin W., and Hedrick. 2,689,805.
Hedrick, Ross M.: *See*—
Mowry, David T., and Hedrick. 2,687,374.
Hedrick, Ross M., to Monsanto Chemical Co. 2,695,320, Cl. 260—653.
Hedrick, William R., Knoxville, Tenn. Motor propelled lawn edger. 2,664,807, Jan. 5.
Hedstrom Union Co.: *See*—
Boucher, Raymond W. 2,691,410.
Heehler, Arthur C., assignor to The Pyle-National Company, Chicago, Ill. Warning light for emergency vehicles. 2,666,194, Jan. 12.
Heehler, Arthur C., assignor to The Pyle-National Company. 2,677,121, Cl. 340—50.
Heer, Jules: *See*—
Miescher, Karl, Heer, Schmidlin, and Wieland.
Heerdt, Donald E., to General Electric Co. 2,695,947, Cl. 219—35.
Hees, Geo. H., Son & Company, Limited, assignee: *See*—
Walsh, John S. 2,679,051.
Walsh, John S. 2,679,052.
Heese, George O. 2,692,622, Cl. 143—73.
Heeter, Gale N. O. 2,680,523, Cl. 211—86.
Heffelfinger, Robert D., to American Viscose Corp. 2,692,472, Cl. 57—81.
Hefferline, John E.: *See*—
Wildish, Myron F., Hefferline, and Rippey.
Heftler, Paul, to V. Heron, as trustee. 2,695,791, Cl. 280—124.
Hegel, John J., Meriden, Conn. Viewing apparatus. 2,669,783, Feb. 23.
Hegstad, Lester O.: *See*—
Kmiecik, Leopold J., and Hegstad. 2,674,475.
Kmiecik, Leopold J., and Hegstad. 2,693,817.
Heibel, Jerome D., assignor to Erie Resistor Corporation. 2,675,417, Cl. 136—4.
Heibel, Jerome D., to Erie Resistor Corp. 2,691,159, Cl. 340—261.
Heiby, Walter A.: *See*—
Strehlow, Richard A., and Heiby.
Heid, Hans: *See*—
Degen, Hugo. 2,681,086.
Heidbrink, Wilhelm. 2,687,039, Cl. 73—53.
Heidecke, Reinhold, assignor to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate, Braunschweig, Germany. Light baffle structure for photographic cameras. 2,665,618, Jan. 12.
Heidecke, Reinhold, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. 2,681,600, Cl. 95—11.
Heiden, Peter J., H. J. Staggenburg, C. E. Tice, and E. G. Richardson, assignors to General Motors Corporation. 2,676,368, Cl. 22—57.
Heidenreich, Albert E., Maywood, and R. C. Hoffman, assignors to Victor Adding Machine Co., Chicago, Ill. Brazing machine. 2,672,838, Mar. 23.
Heider, Rudolph L.: *See*—
Gann, Paul W., and Heider. 2,692,890.
Heider, Rudolph L., Texas City, Tex., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of hydrocyanic acid. 2,666,689, Jan. 19.
Heider, Rudolph L., to Monsanto Chemical Co. 2,698,338, Cl. 260—465.9.
Heider, Rudolph L., and H. M. Walker, to Monsanto Chemical Co. 2,698,337, Cl. 260—465.8.
Heidman, William A., Grand Rapids, Mich. Vent window control. 2,667,659, Feb. 2.
Heidman, William A., Jr. 2,693,980, Cl. 294—83.
Heidmann, Leon, and P. Letrilliart, assignors to Forges et Ateliers de Constructions Electriques de Jeumont. 2,677,083, Cl. 318—91.
Heidmann, Leon, L. Galzin, and P. Letrilliart, to Forges & Ateliers de Constructions Electriques de Jeumont. 2,689,324, Cl. 321—7.
Heidorn, John H.: *See*—
Jacobs, James W., Wurtz, and Heidorn.
Heidorn, John H., assignor to General Motors Corporation, Dayton, Ohio. Apparatus for magnetically locating a rotor with respect to the stator. 2,666,892, Jan. 19.
Heidtke, Werner J.: *See*—
Dornfeld, Clinton A., and Hedtke. 2,683,718.
Heighway, Frank E.: *See*—
Mundt, Mera R., Finkenbinder, Ninemire, and Heighway. 2,696,873.
Heijligers, Joris D.: *See*—
Clay, Pieter H. 2,690,899.
Heil, Charles W., to The Loudon Machinery Co. 2,688,932, Cl. 104—88.
Heil, Julius P., J. B. McCabe, and A. F. Meyer, to Cherry-Burrell Corp. 2,685,358, Cl. 198—30.
Heiland, Carl A., assignor to Heiland Research Corporation. 2,677,105, Cl. 324—154.
Heiland, Carl A., assignor to Heiland Research Corporation. 2,678,424, Cl. 324—151.
Heiland Research Corporation, assignee: *See*—
Heiland, Carl A. 2,677,105.
Heiland, Carl A. 2,678,424.
Heilbron, Ian M., and A. H. Cook, assignors to Beecham Research Laboratories Limited. 2,678,318, Cl. 260—309.
Heiligenstaedt, Hans E. W., to Administration-Sequestre des Rochling'sche Eisen- u. Stahlwerk G. m. b. H. 2,687,879, Cl. 263—53.
Heiligmann, Randall G., and F. Benington, to The Borden Co. 2,685,575, Cl. 260—83.7.
Heilmann, Fred H.: *See*—
Miller, Vera B. 2,688,997.
Heilprin, Laurence B., P. Krupin, and G. Nordquist, to the United States of America as represented by the Secretary of the Army. 2,696,103, Cl. 73—5.
Heim, Carl J. 2,678,055, Cl. 137—67.
Heim, Carl J. 2,687,135, Cl. 133—1.
Heim Co., The: *See*—
Heim, Lewis R.
Heim, Lewis R. 2,696,841.
Heim, Gerhard: *See*—
Stump, Eugen, and Heim. 2,691,972.
Heim, Irwin. 2,697,889, Cl. 40—152.
Heim, Jacob G., 1/2 to The Calpat Corp. 2,691,237, Cl. 45—28.
Heim, Lewis R., assignor to The Heim Company, Fairfield, Conn. Bearing. 2,665,956, Jan. 12.
Heim, Lewis R. 2,675,279, Cl. 308—72.
Heim, Lewis R. 2,675,281, Cl. 308—194.
Heim, Lewis R., to The Heim Co. 2,696,841, Cl. 139—151.
Heim, Roy A., to International Harvester Co. 2,694,298, Cl. 62—141.
Heimann, Willi, assignor to G. M. Pfaff A.-G., Kaiserslautern, Pfalz, Germany. Device for changing the stitching direction of sewing machines. 2,671,421, Mar. 9.
Heimbach, Newton, and H. Morreall, Jr., to General Aniline & Film Corp. 2,688,539, Cl. 95—2.
Heimsch, Robert A.: *See*—
Emerson, William S., and Heimsch.
Emerson, William S., and Heimsch. 2,683,745.
Emerson, William S., and Heimsch. 2,687,391.
Emerson, William S., and Heimsch. 2,687,392.
Emerson, William S., and Heimsch. 2,689,864.
Emerson, William S., and Heimsch. 2,695,311.
Hein, Delton W.: *See*—
Lane, Wyvona A., and Hein. 2,681,926.
Long, Robert S., and Hein.
Hein, Delton W., Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Chlorine-fast fluorescent optical bleaches. 2,671,784, Mar. 9.
Hein, Delton W., and W. A. Lane, to American Cyanamid Co. 2,688,617, Cl. 260—249.6.
Hein, Frank J. 2,698,068, Cl. 188—88.
Hein, George C., and J. Hajek, Mars, Pa.; said Hajek assignor to said Hein. Air conditioning apparatus and liquid metering device. 2,664,604, Jan. 5.
Hein, George N., Jr., San Carlos, Calif. Hypodermic injection apparatus. 2,667,871, Feb. 2.
Hein, George N., Jr., San Carlos, Calif. Ampoule. 2,667,873, Feb. 2.
Hein, George N., Jr., San Carlos, Calif. Injection device. 2,671,447, Mar. 9.
Hein, George N., Jr. 2,675,802, Cl. 128—173.
Hein, George N., Jr. 2,687,725, Cl. 128—173.
Hein, George N., Jr. 2,687,730, Cl. 128—272.
Hein, Harold W., Chicago, Ill., assignor to International Harvester Company. Variable capacity measuring scoop. 2,664,753, Jan. 5.
Hein, Harold W., assignor to International Harvester Company. 2,680,411, Cl. 103—152.
Hein, Harold W., assignor to International Harvester Company. 2,680,553, Cl. 226—116.
Hein, Harold W., to International Harvester Co. 2,694,379, Cl. 119—14.47.
Hein, Knut. 2,677,216, Cl. 46—209.
Hein, Magdalena J., administratrix: *See*—
Hein, Peter J.
Hein, Peter J., deceased, Longmont, Colo., by M. J. Hein, administratrix. Trenching machine adjustment for digging conveyers. 2,669,792, Feb. 23.
Heina, William M., Santa Monica, Calif. Eye for mannequins and dolls. 2,670,569, Mar. 2.
Heindorff, Carl. 2,690,580, Cl. 15—172.

- Heine, Henry W. 2,681,865, Cl. 117—8.
 Heine, Hermann, assignor to Ernst Leitz, G. m. b. H. 2,674,157, Cl. 88—39.
 Heine, Hermann, to Ernst Leitz G. m. b. H. 2,681,592, Cl. 88—40.
 Heine, Thomas H., and G. S. Evans, to Westinghouse Electric Corp. 2,687,486, Cl. 313—109.
 Heinecke, William, New York, N. Y. Contrasting colors for type matrices. 2,666,002, Jan. 12.
 Heinemann Electric Co.: *See—*
 Wilckens, Kurt W. 2,689,282.
 Wilckens, Kurt W. 2,690,486.
 Wilckens, Kurt W. 2,690,528.
 Wilckens, Kurt W. 2,694,789.
 Heinemann, Heinz: *See—*
 Oblad, Alex G., and Heinemann. 2,692,846.
 Oblad, Alex G., Milliken, and Heinemann. 2,676,907.
 Heinemann, Heinz, Drexel Hill, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Preparing unsaturated nitriles. 2,672,477, Mar. 16.
 Heinemann, Heinz, to Houdry Process Corp. 2,692,224, Cl. 196—53.
 Heinemann, Heinz, to Houdry Process Corp. 2,692,293, Cl. 260—672.
 Heinen, Joseph. 2,682,174, Cl. 74—22.
 Heinig, Hughes. 2,678,250, Cl. 312—96.
 Heinig, Hughes. 2,687,824, Cl. 221—80.
 Heinisch, George, assignor, by mesne assignments, to The S. D. M. Company. 2,674,897, Cl. 74—230.01.
 Heinrich, Helmut G., to Pioneer Parachute Co., Inc. 2,683,575, Cl. 244—142.
 Heinrich, Herbert, Wauwatosa, and W. F. Buth, assignors to Wicklen Products, Inc., Milwaukee, Wis. Syntheses of leucoplerin and the intermediates thereof and of 2,4,5-triamino-6-hydroxy pyrimidine sulfite and the alkali salts thereof. 2,673,204, Mar. 23.
 Heinrich, Raymond L., and A. J. Shmidt, to Standard Oil Development Co. 2,684,335, Cl. 252—47.
 Heins, Werner, assignor to Aktiengesellschaft für Bergbau- und Hüttenbedarf, Salzgitter, Germany. Electric motor. 2,672,566, Mar. 16.
 Heintz, Charles E.: *See—*
 Fink, Carl J., and Heintz.
 Heintz, James C., deceased, by The Cleveland Trust Company, executor. 2,675,855, Cl. 154—14.
 Heintz, James C., deceased; The Cleveland Trust Company, executor. 2,679,715, Cl. 51—281.
 Heintz, Karl O., to Standard Oil Development Co. 2,697,828, Cl. 343—18.
 Heintz Mfg. Co.: *See—*
 Trautvetter, George. 2,695,206.
 Heintz, René, and J. Delcroix, assignors to Comptoir Industriel d'Etirage et profilage de Metaux. 2,675,915, Cl. 207—17.
 Heintzelman, Norton E., assignor to Wolverine Finishes Corporation, Grand Rapids, Mich. Electrohydraulic operator. 2,671,317, Mar. 9.
 Heinz, Albert. 2,679,147, Cl. 63—11.
 Heinz, Gustav W. 2,677,753, Cl. 240—54.
 Heinz, Gustav W. 2,677,754, Cl. 240—54.
 Heinz, Wilhelm: *See—*
 Schenck, Martin, and Heinz. 2,689,853.
 Heinkelman, Earl E., to Armstrong Cork Co. 2,681,471, Cl. 18—20.
 Heinkelman, Earl E., to Armstrong Cork Co. 2,697,250, Cl. 18—5.
 Heinkelmann, Richard V., assignor to The Upjohn Company. 2,674,624, Cl. 260—570.9.
 Heirich, William C. 2,681,482, Cl. 20—57.5.
 Heise, Lorenz W., and M. Johnson, to A. O. Smith Corp. 2,692,229, Cl. 210—2.
 Heisenberg, Erwin, to FA. Vereinigte Glanzstoff-Fabriken A. G. 2,696,422, Cl. 18—54.
 Heiser, Robert F.: *See—*
 Dunn, Robert G., and Heiser.
 Heisig, Theodore C., to The Texas Co. 2,685,502, Cl. 44—57.
 Heisig, Theodore C., to The Texas Co. 2,693,451, Cl. 252—75.
 Heisler, Edward E.: *See—*
 Heisler, Glen W., W., and E. E. 2,679,717.
 Heisler, Glen W., W., and E. E. 2,679,717, Cl. 56—307.
 Heisler, Harry F., Waterloo, assignor to Heisler Manufacturing Company, Hudson, Iowa. Tool box. 2,673,781, Mar. 30.
 Heisler, Harry F. 2,685,210, Cl. 74—370.
 Heisler, Harry F. 2,688,856, Cl. 64—9.
 Heisler, Harry F. 2,689,031, Cl. 192—99.
 Heisler Manufacturing Company, assignee: *See—*
 Heisler, Harry F.
 Heisler, Wayne: *See—*
 Heisler, Glen W., W., and E. E. 2,679,717.
 Heiss, Herbert L., to S. C. Johnson & Son, Inc. 2,684,914, Cl. 106—197.
 Heiss, Irving. 2,692,752, Cl. 253—2.
 Heisterkamp, Charles A., Wynnewood, M. Dann, and J. P. Dura, Philadelphia, Pa., assignors, by mesne assignments, to American Home Products Corporation, New York, N. Y. Filling machine adapted to deliver metered amounts of solid comminuted materials. 2,670,101, Feb. 23.
 Heitmann, Hans, Berlin-Neukolln, Germany. Machine for the production of envelopes, flat paper bags, and the like. 2,670,664, Mar. 2.
 Heitmann, Hans, Berlin-Neukolln, Germany. Machine for the manufacture of envelopes and flat bags with inside arranged folding seams. 2,673,497, Mar. 30.
 Heitt, Henry B. 2,679,084, Cl. 26—31.
 Heizer, Edward J., Mountain Lakes, assignor to Specialties Development Corporation, Belleville, N. J. Winding machine. 2,670,146, Feb. 23.
 Hejduk, Arthur A., to The Merriam Instrument Co. 2,693,113, Cl. 73—393.
 Helberg, Frederic. 2,693,723, Cl. 74—751.
 Helberg, Stanley E. 2,685,419, Cl. 242—88.
 Helbert, Francis, and H. J. Peignen. 2,689,003, Cl. 160—232.
 Helbig, Arthur S., assignee: *See—*
 Kohler, John. 2,677,293.
 Heldenbrand, Arthur P. 2,684,636, Cl. 103—120.
 Heleba, John R. 2,679,225, Cl. 114—179.
 Helgeson, Angus G., to The National Cash Register Co. 2,682,993, Cl. 235—23.
 Helgeson, Angus G., to The National Cash Register Co. 2,696,688, Cl. 40—78.
 Hell-Coil Corporation, assignee: *See—*
 Forster, John O.
 Forster, John O. 2,688,355.
 Helios Apparate Wetzell and Schlosshauer: *See—*
 Schlosshauer, Alfred R. 2,683,502.
 Hell, Rudolf, assignor to Siemens & Halske. 2,674,654, Cl. 178—69.5.
 Helland, Martin. 2,695,570, Cl. 107—8.
 Hellar, Martin W., Jr., assignor to General Electric Company. 2,679,629, Cl. 324—78.
 Hellen, James S., to The Norden Laboratories Corp. 2,694,942, Cl. 74—459.
 Hellenga, Ernest G.: *See—*
 Hicks, Paul E., Hellenga, and Nitz. 2,681,090.
 Heller, Co., The: *See—*
 Garcia, Gilbert C. 2,689,955.
 Heller, David M., assignee: *See—*
 Mosby, Elbridge C.
 Mosby, Elbridge C. 2,676,354.
 Heller, Frank J., to Phillips Petroleum Co. 2,688,647, Cl. 260—754.
 Heller, Gerhard: *See—*
 Haser, Karl F., Michel, Heller, and Tschinkel. 2,690,386.
 Heller, Harold S., Cleveland Heights, Ohio. Front cover means for stapling machines. 2,668,290, Feb. 9.
 Heller, Herman S.: *See—*
 Ross, Donald E., and Heller. 2,676,766.
 Heller, Herman S., West Los Angeles, and W. E. Stofer, North Hollywood, Calif., said Stofer assignor to said Heller. Sound recording and reproduction system. 2,670,212, Feb. 23.
 Heller, Joseph N., and W. M. Kennedy, to General Motors Corp. 2,689,551, Cl. 121—194.
 Heller, Milton D.: *See—*
 Bernstein, Seymour, Antonucci, and Heller.
 Bernstein, Seymour, and Heller. 2,688,029.
 Heller, Milton J., Sacramento, Calif. Scaffold bracket. 2,670,248, Feb. 23.
 Heller & Paul, Inc.: *See—*
 Heller, Richard D. 2,693,219.
 Heller, Raymond H., and S. D. Liedtke, assignors to Deere Manufacturing Co. 2,680,401, Cl. 97—46.39.
 Heller, Richard D., to Heller & Paul, Inc. 2,693,219, Cl. 153—85.
 Hellkvist, Alf O., 30% to N. Ericsson and 30% to A. W. Hauffman. 2,689,588, Cl. 144—9.
 Hellman, Jacob J. 2,676,735, Cl. 223—66.
 Hellstem, Sven E. J. 2,694,353, Cl. 95—89.
 Helm, Allison C. 2,675,768, Cl. 107—8.
 Helman, Victor. 2,687,518, Cl. 340—63.
 Helmer, George A.: *See—*
 Howell, Alleyne C., Jr. 2,685,985.
 Helmer, Robert, Great Neck, N. Y., assignor to Helmer Transmission Corporation. Electric clutch transmission mechanism. 2,672,565, Mar. 16.
 Helmer Transmission Corporation, assignee: *See—*
 Helmer, Robert.
 Helmers, Carl J., to Phillips Petroleum Co. 2,693,441, Cl. 196—14.26.
 Helmers, Willem B. H. 2,684,100, Cl. 152—230.
 Helmig, Willem H. T.: *See—*
 Starreveld, Remmer W. 2,684,199.
 Starreveld, Remmer W., and Hamelink. 2,684,201.
 Starreveld, Remmer W., and Meijer. 2,684,200.
 Helmle, Hubert E., to Allis-Chalmers Mfg. Co. 2,694,581, Cl. 280—44.
 Helmond, William F., assignor to Underwood Corporation. 2,675,112, Cl. 197—74.
 Helms, Laurence C. and T. R., and M. Browneye, to Helms Products, Inc. Re. 23,907, Cl. 40—156.
 Helms Products, Inc.: *See—*
 Helms, Laurence C. and T. R., and Browneye. Re. 23,907.
 Helms, Travis R.: *See—*
 Helms, Laurence C. and T. R., and Browneye. Re. 23,907.
 Helms, Walter C., Jr., Annapolis, Md. Means for varying the discharge area of the tailpipe of a jet propelled plane. 2,669,834, Feb. 23.
 Helser, Harry E. 2,686,076, Cl. 296—63.
 Helsing, Knud J., assignor to Westinghouse Electric Corporation. 2,679,143, Cl. 62—102.

- Helsten, Wesley A., assignor to American Steel Foundries, Chicago, Ill. Rotor brake. 2,667,946, Feb. 2.
- Helt, Herbert M., to Kool Vent Metal Awning Corp. of America. 2,682,689, Cl. 20—57.5.
- Helt, Herbert M., to Kool Vent Metal Awning Corp. of America. 2,685,715, Cl. 20—57.5.
- Hemfort, Heinrich: *See—*
Schmitz, Carl, and Hemfort.
- Hemfort, Heinrich, assignor to Westfalla Separator A. G., Oelde (Westphalia), Germany. Apparatus and method for centrifugally mixing liquids. 2,667,338, Jan. 26.
- Heminway & Bartlett Mfg. Co., The, assignee: *See—*
Thompson, Walter E. Jr., and Hart. 2,674,215.
- Hemm, Charles, and T. Garstang, assignors to Dunlop Tire and Rubber Corporation. 2,675,733, Cl. 87—34.
- Hemmerich, Hugo, W. E. Sheeler, and P. O. Endter, assignors, by mesne assignments, to National Association of Hose Manufacturers, Inc. 2,675,703, Cl. 73—159.
- Hemminger, Charles E.: *See—*
Hardy, Robert L., McLaren, Hemminger, and Rex. 2,689,823.
- Martin, Homer Z., and Hemminger.
- Smith, Lloyd B., Mason, Blanding, and Hemminger. 2,694,035.
- Hemminger, Charles E., assignor to Standard Oil Development Company. 2,674,611, Cl. 260—449.6.
- Hemminger, Charles E., to Standard Oil Development Co. 2,696,460, Cl. 196—49.
- Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Regeneration of iron hydrocarbon synthesis catalyst. 2,670,364, Feb. 23.
- Hemminger, Charles E., and W. O. Taff, to Standard Oil Development Co. 2,697,684, Cl. 196—49.
- Hemminger, Paul W.: *See—*
Bellamy, John I., and Hemminger. 2,688,738.
- Hemminger, Roger S., assignor to Berry Milking System. 2,680,445, Cl. 134—58.
- Hempe, Arthur R., Jr., assignor to Houdaille-Hershey Corporation. 2,680,472, Cl. 155—9.
- Hempel, Charles H., Manitowoc, Wis., assignor to Here-site & Chemical Company. Fine crumb rubberlike polymerizates and their production. 2,671,075, Mar. 2.
- Hempel, Gustav A., to McDowell Mfg. Co. 2,681,630, Cl. 113—49.
- Hempel, Gustav A., to McDowell Mfg. Co. 2,693,203, Cl. 137—625.38.
- Hempel, Herbert W., to Marsh Stencil Machine Co. 2,686,925, Cl. 15—139.
- Hemphill, Alfred A.: *See—*
Tewksbury, John M., and Hemphill. 2,684,480.
- Hemphill Company, assignee: *See—*
Bouthillette, Antonio, and St. Pierre. 2,676,474.
- St. Pierre, Eugene. 2,679,149.
- St. Pierre, Eugene. 2,679,737.
- St. Pierre, Eugene. 2,680,361.
- St. Pierre, Eugene. 2,680,365.
- St. Pierre, Eugene, and Wawzonek.
- Hemphill, Lawrence F., and M. W. Sheets, to General Electric Co. 2,682,005, Cl. 310—68.
- Hemscheidt, Hermann, Maschinenfabrik, assignee: *See—*
Schmidt, Adalbert. 2,679,382.
- Henault, André M.: *See—*
Robert, Roger A., and Henault. 2,684,213.
- Henchert, John, to Continental Can Co., Inc. 2,688,419, Cl. 220—54.
- Henchert, John, to Continental Can Co., Inc. 2,694,502, Cl. 220—54.
- Hencken, Harold G., Greenwich, Conn., assignor to Taco Heaters, Incorporated, Providence, R. I. Automatic vent valve. 2,672,878, Mar. 23.
- Hendel, Carl E., and H. S. Olcott, to the United States of America as represented by the Secretary of Agriculture.
- Hendel, Frank J., to Wigton-Abbott Corp. 2,697,078, Cl. 252—411.
- 2,681,285, Cl. 99—207.
- Henderson, Albert. 2,691,291, Cl. 72—1.
- Henderson, Ashland S.: *See—*
Graham, Marion E., Henderson, and Whitehouse.
- Henderson, Clifford W., Emmaus, Pa., assignor to Western Electric Company, Incorporated, New York, N. Y. Article forming apparatus. 2,669,811, Feb. 23.
- Henderson, Delbert H. 2,690,720, Cl. 110—18.
- Henderson, Edgar F., Tacoma, Wash., assignor to Kaiser Aluminum & Chemical Corporation, Oakland, Calif. Apparatus for manipulating soderberg electrodes. 2,667,523, Jan. 26.
- Henderson, Glenn A., Los Angeles, Calif. Umbrella construction. 2,671,459, Mar. 9.
- Henderson, J. G.: *See—*
Besse, Carl H. 2,690,808.
- Henderson, James P., La Grange Park, and J. C. Gall, assignors to McAlear Manufacturing Company, Chicago, Ill. Pressure responsive valve positioner. 2,667,860, Feb. 2.
- Henderson, John: *See—*
Evans, Everett L., Henderson, and Swank. 2,682,873.
- Henderson, Kenneth L., Rochester, N. Y., and N. H. Odell, Bethlehem, Pa., assignors to Stromberg-Carlson Company. Semiconducting device. 2,672,580, Mar. 16.
- Henderson, Mal R., Wichita, Kans. Illuminated screw driver. 2,673,284, Mar. 23.
- Henderson, Malcolm C.: *See—*
Jeswine, Fred A., Henderson, and Wyckoff.
- Henderson, Ray M., Bryan, Ohio. Evaporator and drip catcher arrangement for refrigerating apparatus. 2,667,041, Jan. 26.
- Henderson, Robert B.: *See—*
Tebbetts, Herbert E., Jr., and Henderson. 2,693,224.
- Henderson, Robert. 2,688,678, Cl. 200—172.
- Henderson, Robert B., to W. J. Volt Rubber Corp. 2,687,303, Cl. 273—65.
- Henderson, Stanford A., assignor to Gomco Surgical Manufacturing Corp. 2,678,156, Cl. 230—152.
- Henderson, Thomas J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Tube finishing machine. 2,668,461, Feb. 9.
- Henderson, Wallace M., Cochno, Duntocher, Scotland. Antislip girdle for tires. 2,671,489, Mar. 9.
- Henderson, Wayne L., Fort Wayne, Ind., assignor to General Electric Company. Combined low reactance autotransformer and ballast reactor. 2,668,250, Feb. 2.
- Henderson, Yvis D. 2,697,641, Cl. 305—9.
- Hendley, Dennis A.: *See—*
O'Brien, William J., Bridges, Hendley, Easy, and Vickers. 2,690,559.
- Hendon, Harry H. 2,692,230, Cl. 210—6.
- Hendon, Harry H., and H. A. Van Orman, Birmingham, Ala., assignors to Knock Down Tanks Inc. Tank construction. 2,671,573, Mar. 9.
- Hendrich, Henry A., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Record controlled perforating machine. 2,669,303, Feb. 16.
- Hendricks, Grant W., to Union Oil Co. of California. 2,687,370, Cl. 196—28.
- Hendricks, Grant W., to Union Oil Co. of California. 2,687,381, Cl. 252—470.
- Hendricks, James W., and D. P. Royce, to Gem Crib and Cradle Co. 2,686,042, Cl. 256—26.
- Hendrickson, Donald E., T. N. Hackett, and D. M. Schwartz, to The Eimco Corp. 2,684,162, Cl. 214—131.
- Hendrickson Motor Truck Co.: *See—*
Hendrickson, Robert T. 2,689,136.
- Hendrickson, Robert T., to Hendrickson Motor Truck Co. 2,689,136, Cl. 280—104.5.
- Hendrickson, Severin B., Templeton, assignor to Heywood-Wakefield Company, Gardner, Mass. Recliner chair and folding back rest combination. 2,673,593, Mar. 30.
- Hendrickson, William F.: *See—*
Lindsay, Wesley N., and Hendrickson. 2,674,338.
- Hendrix, Palmer G., to Pro-Nyl Chemicals, Inc. 2,692,238, Cl. 252—143.
- Hendry, James A., R. F. Homer, and F. L. Rose, assignors to Imperial Chemical Industries Limited. 2,675,386, Cl. 260—256.4.
- Hendry, Trillie L.: *See—*
Grieve, George P., and Hendry.
- Henke, Oscar A. 2,685,430, Cl. 254—29.
- Henke, Robert H., to Allegheny Ludlum Steel Corp. 2,684,298, Cl. 75—128.
- Henkel & Cie., G. m. b. H.: *See—*
Blaser, Bruno, and Weltes.
- Grunthal, Erich, and Mannes. 2,686,191.
- Gündel, Wolfgang, and Damm. 2,684,917.
- Gündel, Wolfgang, and Scherff. 2,674,572.
- Stein, Werner. 2,696,500.
- Stein, Werner. 2,696,501.
- Stein, Werner, and Hartmann. 2,694,081.
- Henkel, Erich W., assignor to Combustion Engineering, Inc. 2,679,831, Cl. 122—386.
- Henkel, Harvey L., to Herring-Hall-Marvin Safe Co. 2,684,646, Cl. 109—65.
- Henkel, Konrad, and A. Rapp, to Böhme Fettchemie G. m. b. H. 2,698,304, Cl. 252—355.
- Henkes, Peter M.: *See—*
Steinbrecker, Freddy, and Henkes.
- Henkin, Hyman, assignor to Colgate-Palmolive Company. 2,674,580, Cl. 252—117.
- Henle, John, ¼ to H. A. Huebner and ¼ to A. M. Herzig. 2,695,826, Cl. 311—87.
- Henley, Alfred, to American Instrument Co., Inc. 2,692,854, Cl. 210—8.5.
- Henley, Arthur E. 2,677,523, Cl. 248—265.
- Henley, Arthur E. 2,679,373, Cl. 248—262.
- Henley, Charles F., assignor to Ever-Ready Razor Products Limited. 2,677,886, Cl. 30—70.
- Henley, Robert H.: *See—*
Pennington, Neal A., and McKinney. 2,681,217.
- Henn, Arthur A.: *See—*
Strackbein, Alex, Heck, and Henn. 2,692,324.
- Henn, Richard W., A. A. Rasch, and J. I. Crabtree, to Eastman Kodak Co. 2,685,513, Cl. 95—88.
- Henn, Richard W., and J. I. Crabtree, to Eastman Kodak Co. 2,691,588, Cl. 95—88.
- Henn, Richard W., and G. A. Reynolds, to Eastman Kodak Co. 2,691,589, Cl. 95—88.
- Hennek, Gerhart: *See—*
Schreiber, Eduard, Hennek, and Lüz.
- Henneman, Clarence O.: *See—*
Garretson, Owen L., and Henneman.
- Hennessey, Russell J., assignor to Waldorf Paper Products Company. 2,679,927, Cl. 206—46.
- Hennessey, James J., assignor to Hennessey Lubricator Company, Inc. 2,676,855, Cl. 308—84.
- Hennessey, James J., to Hennessey Lubricator Co., Inc. 2,688,503, Cl. 286—6.

- Hennessy, James J., to Hennessy Lubricator Co., Inc. 2,692,171, Cl. 308—84.
- Hennessy Lubricator Co., Inc.: *See*—
- Hennessy, James J. 2,688,503.
- Hennessy, James J. 2,692,171.
- Hennessy Lubricator Company, Inc., assignee: *See*—
- Hennessy, James J. 2,676,855.
- Hennessy, Mark M., and H. J. Lawrence, to Durant Mfg. Co. 2,687,088, Cl. 101—95.
- Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Air conditioning apparatus. 2,673,512, Mar. 30.
- Henney Motor Co., Inc.: *See*—
- Balluff, Edwin J. 2,682,681.
- Trimble, Roy L. 2,682,680.
- Witherell, Robert R. 2,697,484.
- Hennig, Harvey: *See*—
- Folkins, Hillis O., Miller, and Hennig.
- Henning, George E.: *See*—
- Barber, Robert R., Henning, and Raetsch. 2,688,453.
- Henning, George E., to Western Electric Co., Inc. 2,688,770, Cl. 18—12.
- Henning, George E., to Western Electric Co., Inc. 2,695,769, Cl. 254—134.3.
- Henningsen, Charles H. 2,690,280, Cl. 222—457.
- Hennique, Jacques: *See*—
- Babeau, Michel. 2,682,761.
- Henquet, André J., and O. J. Salvador, to International Standard Electric Corp. 2,683,214, Cl. 250—27.
- Henrich, William H.: *See*—
- Bunblasky, Adolph, and Henrich.
- Henrich, William H., East Norwalk, assignor to Sorenson & Company, Inc., Stamford, Conn. Inverter for three-phase system. 2,668,938, Feb. 9.
- Henrich, William H., to Sorensen & Co., Inc. 2,682,635, Cl. 323—66.
- Henricks, Harold H., and C. E. Johansson, to The Youngstown Steel Door Co. 2,682,323, Cl. 189—46.
- Henricks, John A. 2,682,092, Cl. 22—196.
- Henriksen, Ernst J. J. 2,678,634, Cl. 120—42.4.
- Henrikson, Karl I., to Kaiser Steel Corp. 2,681,158, Cl. 214—17.
- Henrikson, Oscar W., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Magnetic cradle switch. 2,673,252, Mar. 23.
- Henrikson, Thor O., to Pacific Car and Foundry Co. 2,688,939, Cl. 105—382.
- Henry, Allen, and I. Keranen, Detroit, Mich. Douche syringe. 2,664,892, Jan. 5.
- Henry, Beulah L. 2,695,698, Cl. 197—153.
- Henry, Earle G., to R. T. Moloney. 2,689,130, Cl. 273—101.1.
- Henry, Elliott A., assignor to Sperry Products, Inc. 2,679,588, Cl. 250—27.
- Henry, Elliott A., assignor to Sperry Products, Inc. 2,680,372, Cl. 73—67.
- Henry, Elliott A., to Sperry Products, Inc. 2,682,767, Cl. 73—67.
- Henry, Elliott A., to Sperry Products, Inc. 2,693,106, Cl. 73—67.
- Henry, George E., $\frac{1}{3}$ to General Electric Co., $\frac{1}{3}$ to H. W. Butterworth and Sons Co., and $\frac{1}{3}$ to E. I. du Pont de Nemours and Co. 2,694,307, Cl. 68—43.
- Henry, Georges, and E. Brichard, to Union Des Verreries Mecaniques Belges S. A. 2,691,247, Cl. 49—17.
- Henry, Gifford H. 2,685,086, Cl. 2—55.
- Henry, Howarth P. 2,698,069, Cl. 188—112.
- Henry, James E., Dayton, Ohio. Aerial mapping. 2,665,481, Jan. 12.
- Henry, Joseph C., Jr.: *See*—
- Lusky, John, Jr., Henry, and McFarland.
- Henry Mfg. Co., Inc.: *See*—
- Mason, Glen E. 2,691,835.
- Henry, Paul, assignee: *See*—
- Baak, Albert E.
- Henry, Raymond. 2,675,045, Cl. 152—7.
- Henry, Raymond. 2,684,099, Cl. 152—7.
- Henry, Raymond. 2,686,549, Cl. 152—7.
- Henry, William F.: *See*—
- Benson, Alfred B., and Henry. 2,693,316.
- Henry, William V., to American Enka Corp. 2,694,915, Cl. 68—241.
- Hense, Heinrich, Offenbach am Main, and A. Pleines, Frankfurt am Main, Schwanheim, Germany. Master cylinder for hydraulic brakes and other hydraulic installations. 2,672,009, Mar. 16.
- Hensel, Jack: *See*—
- Young, James W., and Hensel. 2,692,891.
- Hensel, Walter E., South Berwick, Maine. Multiple jet spray device. 2,667,383, Jan. 26.
- Hensgen, Bernard T., assignor to Swift & Company, Chicago, Ill. Margarine coloring (pellet locating). 2,668,114, Feb. 2.
- Hensgen, Bernard T., to Swift & Co. 2,692,725, Cl. 233—22.
- Hensgen, Bernard T., to Swift & Co. 2,692,832, Cl. 99—116.
- Henshaw, Richard C., to Lord Mfg. Co. 2,690,891, Cl. 248—5.
- Henslee, Frank W., Pilot Rock, Oreg. Micrometer thread gauge. 2,665,491, Jan. 12.
- Hensley, Raymond, Compton, Calif. Strand anchoring device. 2,671,253, Mar. 9.
- Hensley, Robert K., Jr., Silver Spring, Md. Continuous electrical outlet. 2,666,907, Jan. 19.
- Hensley, Robert K., Jr. 2,693,610, Cl. 15—104.
- Hensley, William A., and H. E. Albert, to The Firestone Tire & Rubber Co. 2,686,162, Cl. 260—2.3.
- Hensman, Jack: *See*—
- Senior, Henry, Hensman, and Ward. 2,675,644.
- Henson, I. B., Jr., assignee: *See*—
- Eberle, William J., and Dubisson.
- Henson, Marlin R., Newton, Kans. Embalmer's cosmetic wax dispensing instrument. 2,671,580, Mar. 9.
- Henson, Walter A., M. E. Kelly, Jr., D. A. Taber, R. L. Wise, and D. D. Schurr, to The Dow Chemical Co. 2,689,235, Cl. 260—29.7.
- Hentschel, Robert A. A.: *See*—
- Darby, Paul F., Kinraide, Hentschel, and Hammond.
- Henwood, James B., to Selas Corp. of America. 2,696,875, Cl. 158—115.
- Hepburn, William G., to The Diamond Match Co. 2,692,491, Cl. 67—7.1.
- Hepburn, William G., to The Diamond Match Co. 2,692,492, Cl. 67—7.1.
- Hepburn, William G., to The Diamond Match Co. 2,692,493, Cl. 67—7.1.
- Hepburn, William M., Ottawa Hills, and J. D. Nesbitt, Sylvania, assignors to Surface Combustion Corporation, Toledo, Ohio. Strip heating. 2,673,080, Mar. 23.
- Hepp, Carlos A., Englewood, assignor to Alfred Hofmann & Co., West New York, N. J. Auxiliary yarn tensioning means. 2,667,772, Feb. 2.
- Hepp, Carlos A., Englewood, assignor to Alfred Hofmann & Co., West New York, N. J. Warp tensioning bar for knitting machines. 2,667,773, Feb. 2.
- Hepp, Carlos A., Englewood, N. J., assignor of fifty per cent to P. G. Hilbert, Astoria, N. Y. Cipher device. 2,668,369, Feb. 9.
- Hepp, Gerard, assignor to Hartford National Bank and Trust Company, as trustee. 2,675,484, Cl. 250—83.6.
- Hepp, Gerard, assignor to Hartford National Bank and Trust Company as trustee. 2,676,269, Cl. 250—83.6.
- Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Conversion of hydrocarbons with combustion gas and finely divided catalyst. 2,669,591, Feb. 16.
- Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dechlorination of hydrocarbons containing organic chlorine. 2,673,226, Mar. 23.
- Hepp, Harold J., to Phillips Petroleum Co. 2,694,096, Cl. 260—683.
- Hepperle, Curtis M.: *See*—
- Garrison, John B., and Hepperle. 2,692,974.
- Herard, Archibald J., Jr., and R. G. Turner, assignors to Crompton & Knowles Loom Works. 2,679,267, Cl. 139—232.
- Héraud, André, assignor to Societe Anonyme dite: Societe des Piles Wonder, Saint-Ouen, France. Sheath-insulated flat-cell battery. 2,671,125, Mar. 2.
- Herbain, Maurice, to Usines Chimiques des Laboratoires Français. 2,680,992, Cl. 88—40.
- Herbain, Maurice, to Usines Chimiques des Laboratoires Français. 2,690,699, Cl. 88—40.
- Herbenar, Edward J.: *See*—
- Gair, Albert W., and Herbenar. 2,687,926.
- Herbenar, Edward J., assignor to Thompson Products, Inc. 2,680,033, Cl. 287—60.
- Herbener, Henry M. 2,696,000, Cl. 2—36.
- Herbener, Henry M. 2,696,001, Cl. 2—36.
- Herbener, Henry M. 2,696,002, Cl. 2—36.
- Herbener, Henry M. 2,696,003, Cl. 2—38.
- Herbert, Arthur J., Scott, assignor to National Alarms Corporation, Lafayette, La. Railway car journal box fuse. 2,671,461, Mar. 9.
- Herbert, Earl. 2,675,151, Cl. 224—30.
- Herbert, John W., to Calcinator Corp. 2,696,178, Cl. 110—18.
- Herbert, Walter N., and W. C. Hanley, assignors of $\frac{1}{2}$ to said Herbert and $\frac{1}{2}$ to said Hanley. 2,679,818, Cl. 114—230.
- Herbert, Wilhelm, assignor to Metallgesellschaft Aktiengesellschaft. 2,680,125, Cl. 260—449.6.
- Herbert, Wilhelm, K.-H. Eisenlohr, and K. Grob, assignors to Metallgesellschaft Aktiengesellschaft. 2,675,412, Cl. 260—627.
- Herbert, William C., Jr. 2,680,304, Cl. 34—87.
- Herbert, William S., assignor to Ray-O-Vac Company, Madison, Wis. Combination jumper insulator. 2,671,820, Mar. 9.
- Herbruggen, Heinrich J. B., to The Federal Foundry Supply Co. 2,680,889, Cl. 22—10.
- Herbruggen, Heinrich J. B., to The Federal Supply Co. 2,692,409, Cl. 22—326.
- Herbster, George B., assignor, by mesne assignments, to 8600 Denison Company. 2,677,897, Cl. 34—90.
- Herbster, George B. 2,686,978, Cl. 34—133.
- Herckelbout, Raoul. 2,677,177, Cl. 30—191.
- Herecock, Robert J., assignor to Ilford Limited. 2,680,200, Cl. 250—83.3.
- Hercules Fasteners, Inc.: *See*—
- Frank, Joseph J. 2,694,198.
- Hercules Mfg. Co., Inc.: *See*—
- Sofio, Edward G. 2,694,835.
- Hercules Motors Corp.: *See*—
- Kuepfer, Matthew C. 2,690,742.
- Kuepfer, Matthew C. 2,696,810.

- Hercules Powder Co.: See—
Boardman, Harold.
Botts, Henry W. 2,687,093.
Bratton, Francis H., and Dieckmann. 2,683,129.
Brooks, Robert M. 2,678,310.
Buntin, George A. 2,678,898.
Callans, Lee D., and Pohlke. 2,677,153.
Conner, Willard P.
Fillar, Leo J. 2,683,751.
Goreau, Theodore N., and Neracher. 2,678,295.
Grassie, Vernon R. 2,694,060.
Grassie, Vernon R., and Wallis. 2,680,737.
Harris, George C.
Hewson, William B. 2,682,481.
Hewson, William B. 2,682,482.
Hewson, William B. 2,682,534.
Ivett, Reginald W. 2,691,648.
Keim, Gerald I. 2,686,776.
Keim, Gerald I. 2,688,609.
Lamborn, Bayard T., and Leonard. 2,694,059.
Laughlin, Kenneth C. 2,680,738.
Lorand, Eugene J., and Reese. Re. 23,916.
Lorand, Eugene J., and Reese. 2,687,438.
Lorand, Eugene J., and Reese. 2,691,683.
Matlack, Albert S.
Segl, Walter E.
Spurlin, Harold M. 2,698,254.
Tinsley, John S. 2,684,915.
Tinsley, John S. 2,684,916.
Vandenberg, Edwin J. 2,682,528.
Weisgerber, Cyrus A. 2,683,173.
- Herbst, John G.: See—
Segal, Robert H., Klion, Herbst, and Peckjian. 2,696,753.
- Herbst, Walter A., Union, N. J., assignor to Standard Oil Development Company. Adsorptive distillation. 2,665,315, Jan. 5.
- Herbst, Walter A., to Standard Oil Development Co. 2,690,963, Cl. 48—196.
- Herbststritt, Karl: See—
Davies, Kenneth R., and Herbststritt.
Davies, Kenneth R., and Herbststritt. 2,674,847.
- Herderhorst, Wilfred W., to Bowser, Inc. 2,698,112, Cl. 222—72.
- Herdman, Charles, assignee: See—
Cataldi, Angelo. 2,674,021.
- Hereld, Peter C., East Meadow, assignor, by mesne assignments, to Nepera Chemical Co., Inc., Yonkers, N. Y. Preparing choline salt of theophylline. 2,670,350, Feb. 23.
- Heresite & Chemical Company, assignee: See—
Hempel, Charles H.
- Herff Jones Co., assignee: See—
Lewis, William L.
- Hergenrader, Raymond E.: See—
Lundy, James H. 2,695,680.
- Hergenrother, Rudolf C., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Moving target indicator radar system. 2,667,635, Jan. 26.
- Hergenrother, Rudolf C., to Raytheon Mfg. Co. 2,681,424, Cl. 315—9.
- Herget, Marvin C.: See—
Chatlynne, Bert H., and Herget.
- Hering, Willy, to Cris Trust. 2,687,373, Cl. 204—38.
- Heritage, Clark C., Cloquet, Minn., assignor to Weyerhaeuser Timber Company, Longview, Minn. Densifying wood. 2,666,463, Jan. 19.
- Heritage, Clark C., to Weyerhaeuser Timber Co. 2,697,081, Cl. 260—17.2.
- Heritage, Clark C., to Weyerhaeuser Timber Co. 2,697,082, Cl. 260—17.2.
- Heritage, Clark C., to Weyerhaeuser Timber Co. 2,697,083, Cl. 260—17.2.
- Heritage, Clark C., to Weyerhaeuser Timber Co. 2,698,307, Cl. 260—17.2.
- Heritage, Clark C., and G. W. Thomas, to Wood Conversion Co. 2,686,461, Cl. 92—39.
- Heritage, Clark C., and W. G. Van Beckum, $\frac{1}{2}$ to Weyerhaeuser Timber Co., and $\frac{1}{2}$ to Wood Conversion Co. 2,697,701, Cl. 260—124.
- Heritage, Clark C., and W. G. Van Beckum, $\frac{1}{2}$ to Weyerhaeuser Timber Co., and $\frac{1}{2}$ to Wood Conversion Co. 2,697,702, Cl. 260—124.
- Heritage, Clark C., and W. G. Van Beckum, $\frac{1}{2}$ to Weyerhaeuser Timber Co., and $\frac{1}{2}$ to Wood Conversion Co. 2,697,703, Cl. 260—124.
- Heritage, John E.: See—
Kendall, Thomas L., and Heritage. 2,690,466.
- Herker, Kurt. 2,680,004, Cl. 254—168.
- Herlach, Heinrich, to Machine Tool Works Oerlikon Administration Co. 2,696,144, Cl. 89—41.
- Herlec Corporation, assignee: See—
Kodama, George T.
- Herlehy, Frank J. 2,693,769, Cl. 104—8.
- Herlihy, William F., Haverhill, assignor to Lowell Counter Company, Lowell, Mass. Making molded and stiffened shoe quarter assembly. 2,672,632, Mar. 23.
- Herlitz, Ivar, and N. Knudsen, to Allmanna Svenska Elektriska Aktiebolaget. 2,682,634, Cl. 322—59.
- Hermag Pumps Ltd., assignee: See—
Okulitch, George J., Zozulin, Okulitch, and Volkoff.
- Herman, Carl L., Canonsburg, assignor to Amsler Morton Corporation, Pittsburgh, Pa. Soaking pit curb wall with fixed elevation. 2,665,895, Jan. 12.
- Herman, Clairmont J., and R. D. Hodges, to General Electric Co. 2,694,630, Cl. 117—75.
- Herman, Elvin E., Washington, D. C. Panoramic receiver bandpass compensation system. 2,668,908, Feb. 9.
- Herman, Frank: See—
Moore, Arnold R., and Herman. 2,691,076.
- Herman, Harold M. 2,677,214, Cl. 46—45.
- Herman, Harry H., Denver, Colo. Device for forming pipe joints. 2,667,865, Feb. 2.
- Herman, Harry H., Jr. 2,693,799, Cl. 128—148.
- Herman, James H., Jr., Austin, Tex. Combined cigarette lighter and ash tray. 2,666,522, Jan. 19.
- Herman, Irving, and C. B. Sawyer, Jr., to the United States of America as represented by the Secretary of the Army. 2,697,871, Cl. 29—229.
- Herman, Mervin J., Orrville, Ohio, assignor to Koppers Company, Inc., Pittsburgh, Pa. Pressure process for impregnating wood. 2,668,779, Feb. 9.
- Herman, Neil: See—
Finlayson, Frank E., Herman, and Swenson. 2,681,521.
- Herman Pneumatic Machine Co.: See—
Lasater, John A. 2,685,834.
- Herman, Richard H.: See—
Austin, Bascum O., and Herman. 2,683,838.
- Herman, Sidney. 2,698,392, Cl. 307—25.
- Herman, Walter, and E. C. Snyder. 2,681,698, Cl. 160—36.
- Hermann, Edward C.: See—
Gregory, Walter A., and Hermann.
- Hermann, Edward C., assignor to E. I. du Pont de Nemours and Company. 2,680,117, Cl. 260—332.2.
- Hermann, Siegwart. 2,691,617, Cl. 167—65.
- Hermanson, Donald A., assignor to Socony-Vacuum Oil Company, Incorporated. 2,674,564, Cl. 196—18.
- Hermanson, Harry M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fluid flow control apparatus. 2,672,880, Mar. 23.
- Hermanson, Herman E., East Cleveland, and F. S. Lamb, Cleveland Heights, Ohio, assignors to General Electric Company. Electric incandescent lamp. 2,667,594, Jan. 26.
- Hermanson, John: See—
Leskiewicz, Stanley, and Hartung.
Leskiewicz, Stanley, and Hartung. 2,690,204.
- Hermoplast Limited, assignee: See—
Eisler, Paul.
- Hermorion Ltd.: See—
Järund, Harry S. V. 2,687,740.
- Herns, Frederick W. 2,694,397, Cl. 128—136.
- Hernandez Prieto, José. 2,674,306, Cl. 160—313.
- Herndon, Harvey, Lapwai, Idaho. Feed attachment. 2,671,553, Mar. 9.
- Herndon, William B., Jr., to Seeger Refrigerator Co. 2,687,023, Cl. 62—126.
- Hernqvist, Karl G., to Radio Corp. of America. 2,685,046, Cl. 315—4.
- Herod, Louise, and A. E. Adams. 2,695,622, Cl. 132—88.5.
- Herold, Homer G. 2,674,796, Cl. 30—262.
- Herold, Robert J.: See—
Fontana, Celeste M., and Herold. 2,678,957.
- Heron, Victor: See—
Heftler, Paul. 2,695,791.
- Heron, William E., Detroit, Mich. Erratic fishing lure. 2,667,007, Jan. 26.
- Herr, Benjamin. 2,691,957, Cl. 118—264.
- Herr, Charles H., Jr.: See—
Coleman, Bernard F., and Herr. 2,683,606.
- Herr, Charles H., Jr., to Allis-Chalmers Mfg. Co. 2,683,634, Cl. 305—9.
- Herr, John D., assignor of one-fourth to D. W. Mount, Minerva, Ohio. Packing retainer for journal boxes. 2,668,740, Feb. 9.
- Herreng, Pierre A., to Societe Alsacienne de Constructions Mecaniques. 2,696,555, Cl. 250—27.
- Herrera, Mary. 2,675,042, Cl. 150—34.
- Herres, Schuyler A., Albany, N. Y., assignor to Allegheny Ludlum Steel Corporation, Brackenridge, Pa. Arc melting of titanium to form ingots. 2,665,318, Jan. 5.
- Herres, Schuyler A., to Allegheny Ludlum Steel Corp. 2,697,126, Cl. 13—18.
- Herres, Schuyler A., and T. K. Redden, to Allegheny Ludlum Steel Corp. 2,691,578, Cl. 75—177.
- Herricht, Fred: See—
Eisenhard, Eli S., and Herricht. 2,685,972.
- Herrick, Claud A. 2,679,105, Cl. 33—64.
- Herrick, Elbert C., Boothwyn, Pa., and J. C. Sauer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of acetylene to open chain polymers with nickel coordination compound catalysts. 2,667,520, Jan. 26.
- Herrick, Gerard P. 2,675,195, Cl. 244—7.
- Herrick, Helen. 2,676,738, Cl. 224—5.
- Herrick, Robert E., Chicago, Ill. Case convertible to desk and seat. 2,672,921, Mar. 23.
- Herrick, Roswell H.: See—
Lomax, Clarence E., and Herrick. 2,684,406.
- Herrick, Wallace D.: See—
Baxter, Joseph, Jr., Herrick, and Javid. 2,681,721.
- Herring, Arthur, and K. Bauer, Philadelphia, Pa. Device for indicating when the contents of containers have been nearly exhausted. 2,671,424, Mar. 9.

- Herring-Hall-Marvin, assignee: *See*—
Belew, Leland W. 2,676,861.
- Herring-Hall-Marvin Safe Co.: *See*—
Henkel, Harvey L. 2,684,646.
- Herring, Robert A., Jr.: *See*—
Varela, Arthur A., and Herring.
- Herring, Robert A., Jr., Washington, D. C. High-voltage cold cathode discharge device. 2,673,308, Mar. 23.
- Herrlinger, Paul W., to The Gummed Products Co. 2,682,171, Cl. 73—102.
- Herrmann, Charles H. 2,692,106, Cl. 248—40.
- Herrmann, Heinrich, Kettwig, assignor to Fried. Krupp Lokomotivfabrik, Essen, Germany. Remote control mechanism, especially for vehicles with fluid drive. 2,668,455, Feb. 9.
- Herrmann, John A., assignor to Bulldog Electric Products Co. 2,675,434, Cl. 191—23.
- Herrmann, John A., to Bulldog Electric Products Co. 2,681,392, Cl. 191—23.
- Herrmann, John A., and E. T. Platz, to Bulldog Electric Products Co. 2,696,532, Cl. 191—23.
- Herrmann, Raymond J., assignor to V. M. Idziak. 2,679,434, Cl. 299—79.
- Herrmann, William J.: *See*—
Hislop, William A. 2,691,820.
- Herrmeyer, Vernon H. 2,695,017, Cl. 128—71.
- Herrold, Gordon W., Connellsville, Pa., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Method and apparatus for feeding gaskets and for inserting them in closures. 2,670,705, Mar. 2.
- Herron, Albert O., to Safety Fuel & Chemical Corp. 2,684,339, Cl. 252—316.
- Herron, Archie L., to Zenith Radio Corp. 2,690,944, Cl. 312—7.
- Hersberger, Arthur B., and J. C. Reid, to The Atlantic Refining Co. 2,698,280, Cl. 196—52.
- Hersch, Joseph M., to Continental Oil Co. 2,688,013, Cl. 260—139.
- Hersch, Paul, Birmingham, England, assignor to The International Nickel Company, Inc., New York, N. Y. Alkaline storage battery. 2,667,525, Jan. 26.
- Herschede Hall Clock Company, assignee: *See*—
Woodruff, William N. 2,680,506.
- Hersey, Henry J., Jr. 2,689,020, Cl. 183—60.
- Hersey, Walter O., assignor to Knickerbocker Plastic Company, Inc. 2,678,753, Cl. 222—79.
- Hersh, Joseph B. 2,698,180, Cl. 273—86.
- Hersh, John F., J. J. Faran, Jr., and J. R. Reitz. 2,683,858, Cl. 324—57.
- Hershberg, Emanuel B.: *See*—
Clayton, Temple, Hershberg, and Schoen.
Oliveto, Eugene P., and Hershberg. 2,677,695.
Oliveto, Eugene P., Hershberg, and Gerold. 2,684,376.
- Hershey Mfg. Co., assignee: *See*—
Hershey, Orville S. 2,676,347.
- Hershey, Orville S., assignor to Hershey Mfg. Co. 2,676,347, Cl. 15—22.
- Herter, William J.: *See*—
Guinet, Eugene. 2,693,892.
- Herter's, Inc.: *See*—
Schacht, Ewald M. 2,696,995.
- Hertrich, Joseph, assignor to The Western States Machine Company, Hamilton, Ohio. Heavy cyclical centrifugal machine. 2,667,974, Feb. 2.
- Hertrich, Joseph, to The Western States Machine Co. 2,685,968, Cl. 210—70.
- Hertrich, Joseph, to The Western States Machine Co. 2,694,494, Cl. 210—74.
- Hervert, George L., to Universal Oil Products Co. 2,697,031, Cl. 23—284.
- Hervey, David E., Old Fort, N. C., assignor to Hervey Foundation, Incorporated. Veneer cutting lathe and log centering means. 2,670,772, Mar. 2.
- Hervey, David E. and R. W. 2,678,677, Cl. 154—18.
- Hervey Foundation, Incorporated, assignee: *See*—
Hervey, David E.
- Hervey, Robert W.: *See*—
Hervey, David E. and R. W. 2,678,677.
- Herz, Arthur H.: *See*—
Jelley, Edwin E., and Herz. 2,697,037.
- Herz, Arthur H., to Eastman Kodak Co. 2,688,601, Cl. 252—313.
- Herzberg, Selig F., Buenos Aires, Argentina. Dental prosthesis. 2,672,686, Mar. 23.
- Herzig, Albert M.: *See*—
Henle, John. 2,695,826.
- Herzig, Alvin J.: *See*—
Ham, John L., Bens, Herzig, and Timmons. 2,678,268—72.
Ham, John L., Bens, Herzig, and Timmons. 2,679,455.
- Herzig, Harold L.: *See*—
Norman, Edward A., Jr., Reichelderfer, Herzig, and Raymer. 2,697,428.
- Herzog, Carl, Belleville, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire severing apparatus. 2,667,557, Jan. 26.
- Herzog, Erwin P. 2,674,779, Cl. 29—93.
- Herzog, Gerhard: *See*—
Lee, Burton D., and Herzog. 2,683,563.
- Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Radioactivity well logging. 2,665,385, Jan. 5.
- Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Method and apparatus for bore hole logging. 2,666,146, Jan. 12.
- Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Analysis of subsurface formations by radioactivity. 2,667,583, Jan. 26.
- Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Radioactivity borehole logging apparatus. 2,670,442, Feb. 23.
- Herzog, Gerhard, assignor to The Texas Company. 2,675,480, Cl. 250—83.
- Herzog, Gerhard, assignor to The Texas Company. 2,678,397, Cl. 250—83.6.
- Herzog, Gerhard, assignor to The Texas Company. 2,678,398, Cl. 250—83.6.
- Herzog, Gerhard, and K. C. ten Brink, Houston, Tex., assignors to The Texas Company, New York, N. Y. Testing borehole logging instruments. 2,666,142, Jan. 12.
- Herzog, Gerhard, and A. S. McKay, to The Texas Co. 2,686,881, Cl. 250—43.5.
- Herzstark, Curt, Mauren, Liechtenstein. Electrowriter. 2,673,280, Mar. 23.
- Hesch, Frederick H., to Kaiser Aluminum & Chemical Corp. 2,682,502, Cl. 204—33.
- Hesch, Frederick H., to Kaiser Aluminum & Chemical Corp. 2,682,503, Cl. 204—33.
- Hesch, Walter P., Washington, Mo. Collapsible seine. 2,669,798, Feb. 23.
- Heseltine, Donald W., and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Trinuclear polymethylene dyes containing a pyrrol indoyl, or pyrrocolyl nucleus. 2,666,761, Jan. 19.
- Hess, Frederic O., assignor to Selas Corporation of America, Philadelphia, Pa. Furnace system. 2,668,040, Feb. 2.
- Hess, Frederic O., to Selas Corp. of America. 2,689,605, Cl. 158—7.
- Hess, Frederic O., A. A. Furczyk, and W. E. Gildersleeve, to Selas Corp. of America. 2,694,246, Cl. 29—69.
- Hess, Gertrude M. 2,688,801, Cl. 33—27.
- Hess, Howard V.: *See*—
Arnold, George B., and Hess. 2,691,034.
Arnold, George B., Hess, Truitt, and Fitzwilliam.
- Hess, Howard V., and E. C. Knowles, to The Texas Co. 2,681,369, Cl. 260—609.
- Hess, Howard V., G. B. Arnold, and W. E. Skelton, to The Texas Co. 2,686,755, Cl. 196—23.
- Hess, Howard V., and G. B. Arnold, to The Texas Co. 2,697,122, Cl. 260—627.
- Hess, Otto. 2,679,219, Cl. 112—162.
- Hess, Theophil A., assignor to Duro Metal Products Co. 2,675,033, Cl. 143—174.
- Hess, William F. 2,674,842, Cl. 59—80.
- Hesse, Arno: *See*—
Mall, Arthur W., Hesse, and Sherwood. 2,678,667.
- Hesse, Holger, Vedbaek, Denmark. Closed mercury manometer. 2,669,125, Feb. 16.
- Hesse, Holger. 2,693,704, Cl. 73—401.
- Hesse, Jack E., Gretna, La., assignor to Johns-Manville Corporation, New York, N. Y. Manufacture of fiber-cement sheet laminates. 2,667,107, Jan. 26.
- Hesse, Kenneth R., assignor to Tel-O-Tube Corporation of America. 2,676,110, Cl. 117—33.5.
- Hessel, Frederick A., and W. B. Canfield, $\frac{1}{2}$ to Montclair Research Corp. and $\frac{1}{2}$ to Ellis-Foster Co. 2,681,893, Cl. 260—17.2.
- Hessenberg, Wilfrid C. F., and R. B. Sims, to The British Iron and Steel Research Association. 2,680,976, Cl. 80—32.
- Hessenberg, Wilfrid C. F., and R. B. Sims, to The British Iron and Steel Research Association. 2,680,978, Cl. 80—56.
- Hessenbruch, Hermann M., Paoli, Pa. Centrifugal frangible target projector. 2,670,727, Mar. 2.
- Hest Machines, Inc.: *See*—
Speicher, Matz A., and Eshleman. 2,693,741.
- Hester, Dwight, Chicago, Ill. Liquid dispenser. 2,666,557, Jan. 19.
- Hester, Dwight H., Chicago, Ill. Device for dispensing predetermined amounts of liquid from containers. 2,673,013, Mar. 23.
- Hester, Frank A., assignor to Faximile, Inc. 2,678,352, Cl. 178—69.5.
- Hester, Frank A., to Faximile, Inc. 2,685,056, Cl. 321—49.
- Hestnes, Harold J. 2,676,107, Cl. 99—194.
- Heston, Eugene E., to National Rubber Machinery Co. Re. 23,880, Cl. 18—12.
- Heston, Howard H., Ashland, Ohio. Cross spring action and stabilizing for vehicles. 2,673,732, Mar. 30.
- Heth, Sherman C.: *See*—
Krause, Norman R., and Heth. 2,695,485.
- Heth, Sherman C., to J. I. Case Co. 2,681,542, Cl. 56—124.
- Heth, Sherman C., to J. I. Case Co. 2,689,442, Cl. 56—221.
- Heth, Sherman C., to J. I. Case Co. 2,693,393, Cl. 301—1.
- Heth, Sherman C., to J. I. Case Co. 2,696,089, Cl. 64—4.
- Heth, Sherman C., and H. E. Wiltsey, assignors to J. I. Case Company. 2,678,239, Cl. 302—37.
- Heth, Sherman C., N. E. Krause, and W. B. Tallman, to J. I. Case Co. 2,681,537, Cl. 56—23.
- Hetherington, Inc., assignee: *See*—
Schellman, Joseph H.
- Hetmann, Richard, assignor to Dr. Ing. H. C. F. Porsche K.-G. 2,675,096, Cl. 184—6.

- Hetterick, Raymond D., to The Lambert Co. 2,696,456, Cl. 167—64.
- Hetting, Frederick E., assignee: *See*—
Dewan, Leon. 2,677,168.
- Hettrick Mfg. Co., The: *See*—
Pederson, Henry C., and Barnett. 2,690,793.
Wallace, Earl C., and Chalmers. 2,687,537.
- Hetz, James P. 2,677,267, Cl. 70—459.
- Hetzel, Stanford J., to Sun Oil Co. 2,697,045, Cl. 106—180.
- Hetzel, Stanford J., to Sun Oil Co. 2,697,087, Cl. 260—316.
- Heuboski, Walter J., and H. T. Milgrom. 2,676,589, Cl. 128—127.
- Heuboski, Walter J., and H. T. Milgrom. 2,690,676, Cl. 73—402.
- Heuer, Russell P., Villanova, Pa., assignor to General Refractories Company. Molding metal clad brick. 2,673,373, Mar. 30.
- Heuschmann, Hans, Berlin-Spandau, assignor to Siemens & Halske, Aktiengesellschaft, Munich and Berlin-Siemensstadt, Germany. Method of and means for determining deviations in the amount of frequency variation between telegraph transmitters and receivers. 2,669,604, Feb. 16.
- Heussner, Louis. 2,693,632, C. 29—156.
- Hewett, Colin L., to Organon Laboratories Ltd. 2,688,623, Cl. 260—397.25.
- Hewitt, John L., assignor of $\frac{1}{2}$ to George Turton Platts & Company Limited. 2,677,936, Cl. 61—48.
- Hewitt, Maurice C. P.: *See*—
Boyle, Archibald R., Hewitt, and More. 2,683,984.
English, Francis G. S., and Hewitt. 2,685,409.
- Hewitt-Robins Inc.: *See*—
Bankauf, William F., and Conover. 2,684,754.
Huntzinger, Charles L. 2,685,375.
- Hewlett-Packard Company, assignee: *See*—
Byrne, John F. 2,677,807.
Packard, David.
- Hewson, Robert P., assignor to The Stanley Engineering Company Limited, Egham, England. Engine turning gear. 2,666,331, Jan. 19.
- Hewson, William B., to Hercules Powder Co. 2,682,481, Cl. 117—63.
- Hewson, William B., to Hercules Powder Co. 2,682,482, Cl. 117—63.
- Hewson, William B., to Hercules Powder Co. 2,682,534, Cl. 260—225.
- Hexel, Leopold J. 2,689,668, Cl. 222—131.
- Hey, Joseph J. 2,694,125, Cl. 200—125.
- Heybourne, Victor C., Tonawanda, assignor to Remington Rand Inc., New York, N. Y. Means for compiling and justifying columns of written matter. 2,671,391, Mar. 9.
- Heyden Chemical Corp.: *See*—
Coke, William R. 2,696,507.
Klein, David X., and Curgan. 2,692,203.
Snow, John E., and Barth. 2,687,430.
- Heyden, Rudi: *See*—
Schmitt, Friedrich, and Heyden. 2,692,180.
- Heydenryk, Henry. 2,677,909, Cl. 40—152.2.
- Heyer, Frederic K., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Tubular lock. 2,672,041, Mar. 16.
- Heyer, William T., and F. Kepka. 2,678,800, Cl. 251—29.
- Heyl, Louis H., Rocky River, Ohio. Mold surface coating. 2,668,774, Feb. 9.
- Heyl & Patterson, Inc.: *See*—
Criner, Harry E.
Criner, Harry E. 2,696,588.
Osojnak, Boris M. 2,675,131.
- Heyman, Albert A., assignor to The Maryland Baking Company, Baltimore, Md. Device for maintaining alignment between molds and cooperating rotating cores. 2,669,196, Feb. 16.
- Heyman, Albert A., to The Maryland Baking Co. 2,691,947, Cl. 107—58.
- Heyman, Benjamin, Baltimore, and F. K. Read, Pikesville, Md., assignors to Anchor Post Products, Inc. Gate latch. 2,671,683, Mar. 9.
- Heyna, Johannes, Frankfurt am Main Unterliederbach, and W. Schumacher, Frankfurt am Main, assignors to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Bruning, Frankfurt am Main Hoechst, Germany. Fixing water-soluble organic compounds on materials of fibrous structure. 2,670,265, Feb. 23.
- Heyniger, Cortlandt: *See*—
Bryan, Alexander, and Heyniger. 2,675,775.
- Heys, Ralph C., assignor to Millspaugh Limited. 2,677,316, Cl. 92—44.
- Heyser, Ellsworth. 2,688,510, Cl. 294—19.
- Heywood, Vincent E., to United States Envelope Co. 2,696,255, Cl. 164—61.
- Heywood-Wakefield Company, assignee: *See*—
Hendrickson, Severin B.
Larsen, Lewis, and Madsen.
- Hiatt, Gordon D.: *See*—
Williams, Robert F., Jr., and Hiatt.
- Hiatt, Robert C. 2,682,742, Cl. 56—328.
- Hibbard, Haines C., Tulsa, Okla., assignor to Standard Oil Development Company. Preventing fluid pressure gauge hysteresis. 2,672,758, Mar. 23.
- Hibbard, Lloyd J., to Westinghouse Electric Corp. 2,691,748, Cl. 317—139.
- Hibner, De Los E., Jr., to Continental Foundry & Machine Co. 2,696,631, Cl. 15—317.
- Hice, Jaxon O., and J. J. Meadows, to Seapak Corp. 2,698,098, Cl. 214—1.
- Hicke, Gerald E., and J. F. Daly, to The Trane Co. 2,694,553, Cl. 257—3.
- Hicken, James, to Link Aviation, Inc. 2,685,747, Cl. 35—10.2.
- Hickey, George M., Paoli, assignor to J. Bishop & Co. Platinum Works, Malvern, Pa. Hypodermic syringe. 2,672,868, Mar. 23.
- Hickey, George M., to J. Bishop & Co. 2,682,874, Cl. 128—214.
- Hickey, George M., to J. Bishop & Co. Platinum Works. 2,697,438, Cl. 128—221.
- Hickey, Harold F., to United Pressed Products Co. 2,688,255, Cl. 74—199.
- Hickey, John J., Belleville, N. J. Game ball mixer and dispenser. 2,669,456, Feb. 16.
- Hickey, Richard J., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of riboflavin by *Ashbya gossypii* with cobalt as additive. 2,667,445, Jan. 26.
- Hickey, Robert H. 2,694,285, Cl. 58—2.
- Hickin, Robert J., to The Ohio Boxboard Co. 2,684,616, Cl. 93—36.
- Hickman, Albert F., assignor to Hickman Industries, Inc. 2,675,226, Cl. 267—57.1.
- Hickman, Albert F., to Hickman Industries, Inc. 2,682,295, Cl. 155—50.
- Hickman, Albert F., to Hickman Industries, Inc. 2,691,406, Cl. 155—50.
- Hickman, Earl L. 2,696,210, Cl. 128—173.
- Hickman, Henry E., Venice, Calif. Release device for buffer and sanding disks. 2,671,994, Mar. 16.
- Hickman Industries, Inc.: *See*—
Grabarczyk, Frank A. 2,677,411.
Hickman, Albert F. 2,675,226.
Hickman, Albert F. 2,682,295.
Hickman, Albert F. 2,691,406.
- Hickman, Louis: *See*—
McDonald, Daniel T., and Hickman. 2,685,493.
- Hickok, Glenn G. 2,692,011, Cl. 155—142.
- Hickok, John E., Berkeley Heights, and J. A. Ryan, Elizabeth, N. J., assignors to Standard Oil Development Company. Motor gasoline additive. 2,668,522, Feb. 9.
- Hickok, John E., and J. E. Neudeck, to Standard Oil Development Co. 2,693,175, Cl. 123—122.
- Hickok Mfg. Co., Inc.: *See*—
Meeker, William H. 2,676,373.
Meeker, William H. 2,686,920.
- Hickok, Willard H.: *See*—
Hopkins, Boyd R., and Hickok. 2,684,432.
- Hickok, Willard H., and T. E. Lewis, assignors to National Cylinder Gas Company. 2,675,838, Cl. 144—279.
- Hickox, Elmer J., Warren, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making adhesive tape. 2,672,978, Mar. 23.
- Hicks, Claude E. 2,696,161, Cl. 99—381.
- Hicks, Paul E., E. G. Hellenga, and A. A. Nitz. 2,681,090, Cl. 146—119.
- Hicks, Russell: *See*—
Unsinger, Philip H. 2,683,309.
- Hicks, William L. 2,692,798, Cl. 299—58.
- Hicks, William M. 2,692,321, Cl. 201—73.
- Hicks, William T., and D. V. Waters, assignors to Western Electric Company, Incorporated. 2,674,414, Cl. 242—25.
- Hickson, William F., Clark Township, Union County, and W. A. McGough, Woodridge, assignors to Circle X Antenna Corporation, Perth Amboy, N. J. Aerial arrangement. 2,665,380, Jan. 5.
- Hidy, Elmo D., Cincinnati, Ohio. Degree-day registering device. 2,668,445, Feb. 9.
- Hiatt Engineering Co.: *See*—
Hiatt, Forrest H., Holladay, and Gelineau. 2,684,578.
Hiatt, Forrest H., Holladay, and Gelineau. 2,684,579.
- Hiatt, Forrest H., W. L. Holladay, and G. L. Gelineau, to Hiatt Engineering Co. 2,684,578, Cl. 62—3.
- Hiatt, Forrest H., W. L. Holladay, and G. L. Gelineau, to Hiatt Engineering Co. 2,684,579, Cl. 62—117.55.
- Hieber, George E.: *See*—
Berkey, Harry L., and Hieber. 2,688,144.
- Hieger, Robert H. 2,674,662, Cl. 200—30.
- Hiehle, Michael E., to General Electric Co. 2,688,699, Cl. 250—33.53.
- Higbie, Alan L., Walled Lake, assignor to Chrysler Corporation, Highland Park, Mich. Seal construction for movable parts. 2,671,407, Mar. 9.
- Higbie Mfg. Co.: *See*—
Wood, Morris E.
Wood, Morris E. 2,696,951.
- Higer, Harry, Detroit, Mich. Refuse disposal apparatus. 2,670,774, Mar. 2.
- Higert, William J., San Francisco, Calif. Resilient coupling for grinding tools. 2,666,307, Jan. 19.
- Higginbotham, Beverly M.: *See*—
Smith, George H., Higginbotham, Mitchell, and Calaman. 2,675,994.
- Higginbotham, Edwin S., to Tokheim Corp. 2,694,601, Cl. 299—77.

- Higginbotham, Robert J., assignee: *See*—
Gray, Truman G.
- Higginbotham, Robert J. 2,688,452, Cl. 242—55.1.
- Higgins, Edward R., Jr. 2,693,571, Cl. 323—19.
- Higgins, Frank W.: *See*—
Goodhue, William V., Higgins, and Baltzer. 2,691,810.
- Higgins, George C., and N. H. Groet, to Eastman Kodak Co. 2,697,036, Cl. 95—2.
- Higgins, Harold T. Re. 23,896, Cl. 340—53.
- Higgins, Howard L.: *See*—
Williamson, Ollie, and Higgins.
- Higgins, Norton A., assignor to E. I. du Pont de Nemours and Company. 2,676,945, Cl. 260—45.7.
- Higgins, Norton A., to E. I. du Pont de Nemours and Co. 2,683,136, Cl. 260—78.3.
- Higgins, Thomas J., Jr.: *See*—
Warren, Almon V., and Higgins. 2,691,600.
- Higgins, Thomas J., Jr., to American Viscose Corp. 2,687,411, Cl. 260—232.
- High, Carl F., Detroit, Mich. Fuel injection nozzle. 2,665,167, Jan. 5.
- High, Carl F., Detroit, Mich. Fuel injection apparatus and control mechanism therefor. 2,667,840, Feb. 2.
- High, Kenneth W. W., Haworth, Keighley, England. Convertible, adjustable, and collapsible seat and ladder. 2,664,940, Jan. 5.
- High, Roy V., Jr.: *See*—
Rogers, Dilworth T., and High. 2,675,305.
- Higham, Walter E., assignor to J. Dring Limited. 2,675,162, Cl. 229—34.
- Highberg Axel L., assignor to United Aircraft Corporation. 2,674,090, Cl. 60—39.36.
- Highberg, George A., West Hartford, Conn. Cam lock for chuck jaws. 2,667,358, Jan. 26.
- Highberg, George A., and L. C. Ponting, to The Whiton Machine Co. 2,687,308, Cl. 279—123.
- Highley, Wenford E.: *See*—
Brown, Morris C., and Highley. 2,675,792.
- High Voltage Engineering Corporation, assignee: *See*—
Burrill, Ernest A. 2,680,815.
Nygard, John C. 2,677,774.
Robinson, Denis M. 2,680,814.
- Higley, Rolland C. 2,688,811, Cl. 37—153.
- Hignett, Harold W. G., to The International Nickel Co., Inc. 2,689,178, Cl. 75—208.
- Higonnet, Rene, assignor to Graphic Arts Research Foundation, Inc. 2,678,712, Cl. 197—84.
- Higonnet, René, and L. Moyroud, assignors to Graphic Arts Research Foundation, Inc., Cambridge, Mass. Apparatus for composing justified lines. 2,664,986, Jan. 5.
- Higonnet, Rene, and L. Moyroud, assignors to Graphic Arts Research Foundation, Inc. 2,678,713, Cl. 197—84.
- Higonnet, René A., and L. M. Moyroud, to Graphic Arts Research Foundation, Inc. 2,682,814, Cl. 95—4.5.
- Higonnet, René, and L. Moyroud, to Graphic Arts Research Foundation, Inc. 2,690,249, Cl. 197—19.
- Hilbert, Philip G., assignee: *See*—
Hepp, Carlos A.
- Hilborn, Leo B. 2,698,036, Cl. 144—208.
- Hilburn, Earl D. 2,681,382, Cl. 178—6.7.
- Hilburn, Earl D., to Melpar, Inc. 2,696,601, Cl. 340—183.
- Hild, Mark W., Jr., to Mutual Corp. 2,693,327, Cl. 244—138.
- Hildebrand, Wilmer B. 2,679,744, Cl. 70—202.
- Hildebrandt, Alexander B., to Standard Oil Development Co. 2,688,115, Cl. 324—10.
- Hilder, David L., Allentown, Pa., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Electrode for compact type electrical discharge devices. 2,667,592, Jan. 26.
- Hilder, David L., and R. H. Robertson, to Hanovia Chemical and Mfg. Co. 2,682,007, Cl. 313—40.
- Hilderbrand, Otto G. 2,691,212, Cl. 29—239.
- Hildmann, William B., assignor to Brock & Rankin, Inc., Chicago, Ill. End sheet machine. 2,665,435, Jan. 12.
- Hileman, Lester E.: *See*—
Daily, Arthur M., Veatch, and Hileman. 2,698,369.
- Hiler, Malvern J., assignor to Commonwealth Engineering Company of Ohio, Dayton, Ohio. Thermometer assembly with limited luminous background. 2,666,329, Jan. 19.
- Hiles, Milburn D. 2,674,426, Cl. 248—38.
- Hilfinger, Robert. 2,683,056, Cl. 299—50.
- Hilkemeier, Louis G., assignor to Worthington Corporation. 2,678,198, Cl. 259—175.
- Hilken, Alfred, to E. M. B. Elektromotorenbau A.-G. 2,681,010, Cl. 103—89.
- Hill Acme Co., Acme Machinery Division, The: *See*—
Girz, Adolph. 2,695,060.
- Hill, Archie, Painesville, assignor to Diamond Alkali Company, Cleveland, Ohio. Chlorate-sulfite redox-initiated aqueous polymerization of vinyl derivatives. 2,673,192, Mar. 23.
- Hill, Arthur M., assignor to Service Pipe Line Company. 2,679,173, Cl. 77—37.
- Hill, Artie R., and J. E. Jones. 2,685,862, Cl. 119—14.08.
- Hill, C. V., & Co., Inc.: *See*—
Smith, Victor W. 2,691,870.
- Hill, Bertram C., assignor to Reeves-Hoffman Corporation. 2,677,064, Cl. 310—8.2.
- Hill, Carlos E., assignee: *See*—
Betha, Jasper D.
- Hill, Carson E., Greenville, Mich. Fishing reel. 2,670,908, Mar. 2.
- Hill, Charles, Reno, Nev., and C. K. Johns, New York, N. Y. Watch winding means. 2,669,833, Feb. 23.
- Hill, Charles H. 2,694,962, Cl. 96—40.
- Hill, Claude L., assignor to Sun Oil Company. Re. 23,817, Cl. 302—53.
- Hill, Don C. 2,680,451, Cl. 137—363.
- Hill, Edward G., and J. G. Ingres; said Hill assignor to Automatic Shifters, Inc., and said Ingres assignor to Kelsey-Hayes Wheel Company. 2,680,349, Cl. 60—54.5.
- Hill, Eugene F., and D. O. De Pree, to Ethyl Corp. 2,683,081, Cl. 44—71.
- Hill, Eugene F., and D. O. De Pree, to Ethyl Corp. 2,683,082, Cl. 44—71.
- Hill, Eugene F., and D. O. De Pree, to Ethyl Corp. 2,683,083, Cl. 44—71.
- Hill, Eugene F., and D. O. De Pree, to Ethyl Corp. 2,683,172, Cl. 260—553.
- Hill, Eugene F., and D. O. De Pree, to Ethyl Corp. 2,684,293, Cl. 44—69.
- Hill, Francis A., 2nd: *See*—
Hill, Myron F. and F. A.
- Hill, Frank M., Walpole, and H. H. Le Blanc, Norwood, Mass., assignors, by mesne assignments, to Harris-Seybold Company, Cleveland, Ohio. Machine for cutting sheet material. 2,667,922, Feb. 2.
- Hill, Frederick B., Jr.: *See*—
Benning, Anthony F., and Hill. 2,695,880.
- Hill, Frederick G. 2,696,801, Cl. 119—14.03.
- Hill, Frederick L., to Blackwelder Mfg. Co. 2,684,165, Cl. 214—654.
- Hill, Geoffrey T.: *See*—
Crocombe, Frederick F., and Hill.
- Hill, Geoffrey T. R., Londonderry, Northern Ireland, and T. G. Guppy, Hanwell, London, assignors to Blackburn and General Aircraft Limited, Brough, England. Aircraft. 2,670,910, Mar. 2.
- Hill, George B., Celina, assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Forage blower. 2,666,672, Jan. 19.
- Hill, George B., assignor to Deere Manufacturing Co. 2,676,532, Cl. 100—192.
- Hill, George B., assignor to The New Holland Machine Division of the Sperry Corporation. 2,679,719, Cl. 56—314.
- Hill, George B., assignor to The New Holland Machine Division of the Sperry Corporation. 2,679,873, Cl. 146—107.
- Hill, George B., and J. R. West, to New Holland Machine Division of The Sperry Corp. 2,686,396, Cl. 56—344.
- Hill, George B., and M. J. Happe, to New Holland Machine Division of The Sperry Corp. 2,686,658, Cl. 254—114.
- Hill, George L. 2,689,284, Cl. 200—114.
- Hill, Gilbert F.: *See*—
Wittkuhn, Bruno A., Nutting, and Hill. 2,674,929.
- Hill, Gordon, and L. L. Jensen, to The Bettendorf Co. 2,680,940, Cl. 51—112.
- Hill, Gordon, and F. L. Bennett, to Bettendorf Bakery Equipment Co. 2,687,819, Cl. 216—2.
- Hill, H. N., & Co.: *See*—
Rosenstein, Florence. 2,684,776.
- Hill, Harold: *See*—
Howell, William N., and Hill. 2,693,445.
Rudge, Alfred J., Hill, and Howell. 2,684,940.
- Hill, Harold N.: *See*—
Rosenstein, Florence. 2,684,776.
- Hill, Henry C., assignor to Boeing Airplane Company. 2,676,458, Cl. 60—39.08.
- Hill, Henry C., to Boeing Airplane Co. 2,692,478, Cl. 60—39.65.
- Hill, Henry H., Yreka, Calif. Vacuum actuated door control for milking barns. 2,671,428, Mar. 9.
- Hill, Howard, assignor to Dixie Cup Company, Easton, Pa. Holder for both flat bottom and conical paper cups. 2,666,310, Jan. 19.
- Hill, Ida, executrix: *See*—
Rosenstein, Florence. 2,684,776.
- Hill, James L., assignor to Boeing Airplane Company, Wichita, Kans. Expansible anchor. 2,665,597, Jan. 12.
- Hill, James M., to The Colmol Co. 2,696,359, Cl. 248—354.
- Hill, Joe M., assignor to The Steck Company. 2,677,556, Cl. 282—27.
- Hill, John I., assignee: *See*—
Polrier, Ernest J.
- Hill, John L.: *See*—
Mullaney, Frank C., and Hill. 2,679,617.
- Hill, John V. 2,696,970, Cl. 254—9.
- Hill, Laurence B., assignor to Smith-Corona Inc., Syracuse, N. Y. Ribbon vibrating mechanism for typewriting machines. 2,664,989, Jan. 5.
- Hill, Laurence B., and G. R. Kunzelman, to Smith-Corona Inc. 2,684,143, Cl. 197—30.
- Hill, Luther R.: *See*—
Dickinson, Norman L., Hill, and Williams. 2,697,655.
- Hill, Margaret, assignee: *See*—
Butler, Arnold A.
- Hill, Max W.: *See*—
Hubbard, Addison W., Hill, and Zapp. 2,684,958.
- Hill, Myron F. 2,696,170, Cl. 103—42.
- Hill, Myron F. and F. A., 2nd, Westport, Conn. Internal gear teeth. 2,666,336, Jan. 19.

- Hill, Oiva E., assignor to Norton Company, Worcester, Mass. Centerless grinding machine. Re. 23,808, Mar. 30.
- Hill, Oiva E., to Norton Co. 2,694,888, Cl. 51—267.
- Hill, Philip: *See*—
Towle, Philip H., and Hill.
- Hill, Ralph L., Memphis, Tex. Applicator for cream preparations. 2,666,555, Jan. 19.
- Hill, Richard G.: *See*—
Rix, Earl H., and Hill. 2,683,859.
- Hill, Richard G., and E. H. Rix, to the United States of America as represented by the Secretary of the Navy. 2,684,479, Cl. 343—100.
- Hill, Robert A., and D. F. Thomas, to Waterous Co. 2,683,420, Cl. 103—113.
- Hill, Robert H., $\frac{1}{2}$ to Marison Co., and $\frac{1}{2}$ to C-O-Two Fire Equipment Co. 2,682,967, Cl. 220—27.
- Hill, Robert H., to Standard Oil Co. 2,688,591, Cl. 202—57.
- Hill, Roscoe L., and R. W. Ireland, to United Shoe Machinery Corp. 2,689,362, Cl. 12—14.4.
- Hill, Stanley E., to Sears, Roebuck and Co. 2,692,506, Cl. 74—13.
- Hill, Thomas C. H.: *See*—
Cooper, Kenneth A., and Hill. 2,670,674.
- Hill, Walter P., Pontiac, Mich., assignor to Calumet & Hecla, Inc. Fin forming roll. 2,669,893, Feb. 23.
- Hill, Walter P. 2,674,106, Cl. 62—141.
- Hill, Walter P. 2,686,504, Cl. 123—41.86.
- Hill, William C.: *See*—
Alban, Clarence F., and Hill.
- Hill, William H., assignor to Koppers Company, Inc., Pittsburgh, Pa. Reaction products of N-heterocyclic ammonium thiocyanates and aldehydes. 2,667,490, Jan. 26.
- Hillard, Elmer A., Bristol, Tenn. Device for applying adhesive substances to tapelike articles. 2,664,851, Jan. 5.
- Hillberg, Bror, assignor to Superior Concrete Accessories, Inc., Chicago, Ill. Wire clip for holding in place furring supporting rods. 2,665,578, Jan. 12.
- Hillberg, Bror, to Superior Concrete Accessories, Inc. 2,684,824, Cl. 248—354.
- Hilldale, John H., assignor to Proctor Electric Company, Philadelphia, Pa. Pressure-operated actuating and relief valve. 2,667,891, Feb. 2.
- Hillegass, Kenneth P.: *See*—
Chamberlain, Richard K., and Hillegass.
- Hillenbrand, George C., and M. J. Laugle, assignors to The Batesville Casket Company, Batesville, Ind. Casket interior unit. 2,664,615, Jan. 5.
- Hillenbrand, George C., and W. H. McCullough, assignors to The Batesville Casket Company, Batesville, Ind. Adjustable-bed casket. 2,670,517, Mar. 2.
- Hiller, Alexander J.: *See*—
Mathes, Robert H., Hiller, and Berrett. 2,692,814.
- Hiller, Alexander J. 2,684,471, Cl. 340—3.
- Hillgren, Carl A. 2,676,051, Cl. 292—358.
- Hillgren, Carl A. 2,683,367, Cl. 70—216.
- Hilliard Corp., The: *See*—
Proulx, Eugene H. 2,687,805.
- Hillier, Edward W.: *See*—
Harza, Leroy F. 2,683,354.
- Hillier, Harold, assignor to G. & J. Weir Limited, Glasgow, Scotland. Centrifugal pump. 2,672,820, Mar. 23.
- Hillier, Harold, to G. & J. Weir Ltd. 2,684,664, Cl. 122—441.
- Hilliker, Donald E., and S. Balogh, to General Electric Co. 2,688,855, Cl. 62—126.
- Hilliker, Frank T., assignor to The Fountron Corporation, St. Louis, Mo. Food service system and means therefor. 2,669,323, Feb. 16.
- Hillman, Chester E.: *See*—
McCain, William W., and Hillman. 2,678,748.
- McCain, William W., and Hillman. 2,697,236.
- Hillman, William L., assignee: *See*—
Crosby, Wilbur D.
- Hills, Elmer G., $\frac{1}{2}$ to J. N. Marks, J. Tunkl, I. Rosenthal, and E. Lichtenstein, d. b. a. Tricraft Products Co. 2,688,083, Cl. 250—33.57.
- Hills-McCanna Co.: *See*—
Laufer, Jacob R.
- McFarland, Roland, Jr. 2,684,829.
- Hills, William B., and C. Sinclair, assignors to General Electric Company. 2,676,297, Cl. 323—22.
- Hillsen, Henry A., Sr. 2,690,588, Cl. 17—11.3.
- Hillyer, Curtis. 2,679,636, Cl. 340—149.
- Hillyer, John C., to Phillips Petroleum Co. 2,687,419, Cl. 260—346.2.
- Hillyer, John C., and D. A. Nicewander, to Phillips Petroleum Co. 2,683,151, Cl. 260—346.2.
- Hillyer, John C., and D. A. Nicewander, to Phillips Petroleum Co. 2,689,040, Cl. 206—84.
- Hillyer, John C., and L. O. Edmonds, to Phillips Petroleum Co. 2,692,892, Cl. 260—461.
- Hilmer, Frederick B., to Shell Development Co. 2,695,859, Cl. 167—39.
- Hilpman, John H., Springfield Gardens, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,667,265, Jan. 26.
- Hilpman, John H., to Mergenthaler Linotype Co. 2,689,038, Cl. 199—19.
- Hilpman, Paul, to Mergenthaler Linotype Co. 2,689,640, Cl. 199—24.
- Hilpman, Paul, to Mergenthaler Linotype Co. 2,698,080, Cl. 199—50.
- Hiltbrunner, Arnold J., Westwood, N. J., and C. M. Hiltbrunner, Nanuet, assignors to National Sure-Fit Quilting Company, Inc., New York, N. Y. Sewing-machine attachment for producing combined edge-binding and double-ruffled trimming. 2,669,203, Feb. 16.
- Hiltbrunner, Arnold J. and C. M., to National Sure-Fit Quilting Co., Inc. 2,695,410, Cl. 2—274.
- Hiltbrunner, Charles M.: *See*—
Hiltbrunner, Arnold J. and C. M. 2,695,410.
- Hiltbrunner, Arnold J. and C. M. 2,695,410.
- Hiltebrand, Heinrich, Bulach, assignor to Lennartz & Co., Bulach (Zurich), Switzerland. Sectional circular saw. 2,670,766, Mar. 2.
- Hiltmann, Rudolf, E. Auhagen, and K. Bauer, assignors to Schenley Industries, Inc. 2,676,173, Cl. 260—239.1.
- Hiltner, Walter F., to Boeing Airplane Co. 2,696,247, Cl. 158—36.5.
- Hilton, Frederick L., to Motorola, Inc. 2,691,094, Cl. 250—13.
- Hilton, Harold S., assignor to Fabri-Valve Company of America, Portland, Oreg. Fabricated valve with removable self-cleaning seat. 2,669,416, Feb. 16.
- Hilton, Lamar S.: *See*—
Kuzmick, Joseph N., and Hilton.
- Hilton, Lewis D. 2,674,955, Cl. 103—194.
- Hilton, Lewis D. 2,674,956, Cl. 103—225.
- Hilton, Paul E.: *See*—
Saurenman, Dean F., and Hilton.
- Hilton, Ralph W., assignor to F. Harmon, Chicago, Ill. Powder storage and dispensing apparatus. 2,671,575, Mar. 9.
- Hilton Tool and Machine Co., assignee: *See*—
Einhorn, Harry E.
- Hamberger, Theodore. 2,679,082, Cl. 24—71.3.
- Himel, Chester M., assignor to Richfield Oil Corporation. 2,680,757, Cl. 260—439.
- Himel, Chester M., to Richfield Oil Corp. 2,696,499, Cl. 260—524.
- Himel, Chester M., and L. O. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Preparation and use of alkylene polyamine sulfenamides and thio-sulfenamides. 2,671,804, Mar. 9.
- Himel, Chester M., and L. O. Edmonds, to Phillips Petroleum Co. 2,683,175, Cl. 260—602.
- Himel, Chester M., and L. O. Edmonds, to Phillips Petroleum Co. 2,690,440, Cl. 260—247.1.
- Himelick, Robert E., to The Upjohn Co. 2,694,665, Cl. 167—58.
- Himelson, Max, to Keuffel & Esser Co. 2,696,415, Cl. 311—38.
- Hinch, Arthur E. 2,691,405, Cl. 155—42.
- Hinchman, William H. D. 2,675,627, Cl. 33—205.
- Hinckley, Dana B. 2,693,225, Cl. 155—43.
- Hincks, William J., to Canada Packers Ltd. 2,696,633, Cl. 17—21.
- Hinde & Dauch Paper Company, The, assignee: *See*—
Aquino, Salvatore A. 2,684,758.
- Clark, John D. 2,675,168.
- Giroux, Alexander L., and Aquino. 2,693,308.
- Giroux, Alexander L., and Aquino. 2,693,309.
- Welshenbach, Charles D., and Gagen. 2,681,733.
- Hinden, Fritz. 2,684,611, Cl. 88—113.
- Hinderliter Tool Company Division H. K. Porter Company, Inc., assignee: *See*—
Arrowood, Hubert L. 2,676,036.
- Hindes, Frederic W.: *See*—
Brunner, Ernst, and Hindes.
- Hinds, Orval L. 2,697,295, Cl. 43—44.8.
- Hinegardner, Wilbie S., to E. I. du Pont de Nemours & Co. 2,689,169, Cl. 23—207.
- Hines Flask Company, assignee: *See*—
Hines, James F.
- Hines, Russell J.
- Hines, H. D., assignee: *See*—
Jarvis, James A. 2,677,257.
- Hines, James F., Lakewood, assignor, by mesne assignments, to Hines Flask Company, Cleveland, Ohio. Locking device for molding flasks. 2,668,335, Feb. 9.
- Hines, John E. 2,698,124, Cl. 229—7.
- Hines, John E., Jr., to Union Oil Co. of California. 2,684,124, Cl. 183—4.2.
- Hines, Russell J., Lakewood, assignor, by mesne assignments, to Hines Flask Company, Cleveland, Ohio. Apparatus for making castings. 2,667,674, Feb. 2.
- Hines, William D. 2,688,308, Cl. 119—20.
- Hinkel, Emil T., Jr., assignor to Sterling Drug Inc. 2,676,138, Cl. 195—63.
- Hinkel, William P.: *See*—
Maxwell, Loyal C., and Hinkel. 2,674,560.
- Maxwell, Loyal C., and Hinkel. 2,695,861.
- Hinkle, Jackson G., Carmi, Ill. Wear adapter for drill pipes. 2,671,641, Mar. 9.
- Hinman, Dorr J.: *See*—
Weigold, Harold, and Hinman.
- Hinman, Dorr J., to United States Rubber Co. 2,686,554, Cl. 154—14.
- Hinnekins, Maurice G., Glen Rock, N. J. Steam heated cylinder. 2,671,278, Mar. 9.

- Hinschlager, Rudolph F.: *See*—
Royer, Stanley H., Miller, and Hinschlager. 2,679,381.
- Hinsey, Robert S., assignor to The Bingham-Herbrand Corporation, Toledo, Ohio. Mechanism control. 2,671,353, Mar. 9.
- Hinson, James L., Winfield, assignor of twenty-five per cent to F. R. Webb, Arkansas City, Kans. Cutter for forage harvesters. 2,669,083, Feb. 16.
- Hintenberger, Karl. 2,678,958, Cl. 13—20.
- Hinton, Charles V., to The Terrell Machine Co. 2,685,710, Cl. 19—116.
- Hinton, Charles V., to The Terrell Machine Co. 2,685,711, Cl. 19—157.
- Hinton, Charles V., and R. Ferguson, to The Terrell Machine Co. 2,685,709, Cl. 19—115.
- Hinton, Francis J., Wauwatosa, Wis. Duplex flat construction. 2,666,960, Jan. 26.
- Hintz, Donald M., Northbrook, Ill., assignor to Culligan, Inc. Closure assembly for tanks and other containers. 2,665,028, Jan. 5.
- Hintz, Donald M., assignor to Culligan, Inc., Northbrook, Ill. Apparatus for softening, filtering, or conditioning water. 2,673,182, Mar. 23.
- Hintz, Otto E., to International Harvester Co. 2,682,743, Cl. 56—364.
- Hintz, Otto E., Riverside, E. C. Carlson, Chicago, and R. C. Minor, Berwyn, Ill., assignors to International Harvester Company. Dynamically balanced mower. 2,670,583, Mar. 2.
- Hintze, Alma J., to Phillips Petroleum Co. 2,691,939, Cl. 102—23.
- Hinz, Bruno. 2,694,781, Cl. 310—77.
- Hinze, Otto, to Johann F. Zwicky. 2,687,193, Cl. 189—37.
- Hipp, Herman F. 2,695,451, Cl. 32—19.
- Hipple, Roy P., to General Motors Corp. 2,684,421, Cl. 219—4.
- Hipple, Roy P., to General Motors Corp. 2,684,423, Cl. 219—4.
- Hipps, Herbert E., and E. J. Kupjack. 2,695,607, Cl. 128—20.
- Hird, John F., of $\frac{1}{2}$ to A. O. Coates. 2,684,511, Cl. 24—5.
- Hirdler, Louis C.: *See*—
Miller, Warren S., and Hirdler.
- Hirsch, Alf C., to United States Rubber Co. 2,681,103, Cl. 164—34.
- Hirsch, Alf C., Eau Claire, Wis., and G. F. Wickle, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Tire bead setting apparatus. 2,664,937, Jan. 5.
- Hirsch, Alfred, to Diamond Alkali Co. 2,683,649, Cl. 23—89.
- Hirsch, Charles J., Douglaston, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Electrical computer. 2,666,576, Jan. 19.
- Hirsch, Charles J., Douglaston, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Electrical computer. 2,671,608, Mar. 9.
- Hirsch, Charles J., to Hazeltine Research, Inc. 2,686,910, Cl. 343—102.
- Hirsch, Gertrude L., assignee: *See*—
Loescher, Friedrich A. 2,678,430.
- Hirsch, Harry G., and A. B. Judson, to Glaser Crandell Co. 2,687,797, Cl. 198—32.
- Hirsch, Julian D., and R. L. Garman, assignors to General Precision Laboratory Incorporated. 2,676,300, Cl. 324—98.
- Hirsch, Sabine, assignor to Cargill, Incorporated, Minneapolis, Minn. Lubricant. 2,669,543, Feb. 16.
- Hirschberg, Theodore B., Jr.: *See*—
Rindfleisch, Arthur G. 2,697,981.
- Hirschmugl, Robert A. 2,697,010, Cl. 301—5.3.
- Hirschfeld, Nathan B. 2,680,254, Cl. 7—14.1.
- Hirschhorn, Benjamin, executor: *See*—
Hirschhorn, Louis.
- Hirschhorn, Louis, deceased, late of New York, N. Y., by B. Hirschhorn, R. H. Mann, and M. Hirschhorn, executors, New York, N. Y., assignor to National Tea Packing Company, Inc. Manufacturing and filling of essence containing packages for brewing beverages. 2,671,026, Mar. 2.
- Hirschhorn, Max, executor: *See*—
Hirschhorn, Louis.
- Hirschl, Alexander T. 2,684,541, Cl. 36—71.
- Hirschmann, Jack B. 2,680,846, Cl. 2—14.
- Hirschmann, Jack B., and G. P. Theroux; said Theroux to said Hirschmann. 2,680,882, Cl. 18—19.
- Hirschmann, Ralph F., and N. L. Wendler, assignors to Merck & Co., Inc. 2,675,395, Cl. 260—397.1.
- Hirschhoff, Edwin C. 2,681,569, Cl. 73—188.
- Hirsh, S. A., Manufacturing Co., assignee: *See*—
Sultan, Leonard. 2,680,326.
- Hirshman, Howard S.: *See*—
Rasmussen, Minnie V., and Hirshman. 2,675,910.
- Hirson, Benjamin, to Strongleaf Paper Corp. 2,690,101, Cl. 93—1.
- Hirst, Archie J., assignor to Metalastik Limited. 2,676,774, Cl. 248—22.
- Hirst, Edward G. 2,683,883, Cl. 5—140.
- Hirst, Henry A.: *See*—
Burridge, Kenneth G., and Hirst. 2,686,733.
- Hirt, Otto: *See*—
Westinger, Karl, Altenburger, and Hirt.
- Westinger, Karl, Altenburger, and Hirt. 2,686,584.
- Hirtreiter, Walter J., to the United States of America as represented by the Secretary of the Air Force. 2,697,343, Cl. 73—1.
- Hiscox, Alan G.: *See*—
Pearce, Alfred W., and Hiscox. 2,690,648.
- Hi-Shear Rivet Tool Co., assignee: *See*—
Vaughn, Rudolph M. 2,677,985.
- Hiskey, Clarence F., to the United States of America as represented by the United States Atomic Energy Commission. 2,681,883, Cl. 202—57.
- Hislop, William A., $\frac{1}{4}$ to W. J. Herrmann, and $\frac{1}{4}$ to W. Ho. 2,691,820, Cl. 30—15.
- Hiss, James L., Mountain Lakes, N. J. Means for fastening sheets of insulation on ducts. 2,670,763, Mar. 2.
- Hitachi Ltd.: *See*—
Tadano, Bunya, and Katagiri. 2,688,091.
- Tadano, Bunya, Morito, and Katagiri. 2,688,092.
- Hitchcock, Carleton C., St. Paul, Minn. Detachable table top. 2,673,597, Mar. 30.
- Hitchcock, Delbert and N. E. 2,689,619, Cl. 180—14.5.
- Hitchcock, Lloyd, assignor to Dixie Canner Company. 2,679,847, Cl. 130—9.
- Hitchcock, Noble E.: *See*—
Hitchcock, Delbert and N. E. 2,689,619.
- Hitchcock, Paul C., assignor to The Chase-Shawmut Company. 2,678,980, Cl. 200—114.
- Hitchcock, Paul C., assignor to The Chase-Shawmut Company. 2,680,173, Cl. 200—132.
- Hitchcock, Paul C., to The Chase-Shawmut Co. 2,691,083, Cl. 200—132.
- Hitchcox, Harold F.: *See*—
Thwaites, Herman L., and Hitchcox. 2,698,309.
- Hitchen, William J.: *See*—
Galliano, Mario R., and Hitchen. 2,688,096.
- Hitchings, George H., Tuckahoe, and P. B. Russell, Crestwood, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., Tuckahoe, N. Y. Preparing 2-mercapto-4-secondary amino pyrimidines. 2,671,087, Mar. 2.
- Hitchings, George H., and P. B. Russell, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,676,965, Cl. 260—256.5.
- Hitchings, George H., and P. B. Russell, to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,682,542, Cl. 260—256.5.
- Hitchings, George H., and R. K. Robins, to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,686,781, Cl. 260—256.4.
- Hitchings, George H., P. B. Russell, and E. A. Falco, to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,688,019, Cl. 260—256.4.
- Hitchings, George H., and G. B. Elion, to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,691,654, Cl. 260—247.5.
- Hitchings, George H., and P. B. Russell, to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,691,655, Cl. 260—256.4.
- Hitchings, George H., P. B. Russell, and E. A. Falco, to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,697,708, Cl. 260—251.
- Hitchings, George H., and G. B. Elion, to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,697,709, Cl. 260—252.
- Hitchings, George H., and R. K. Robins, to Burroughs Wellcome & Co. (U. S. A.) Inc. 2,697,710, Cl. 260—256.4.
- Hittle, Carl E., North Hollywood, Calif., assignor to Radio Corporation of America. Tape or film roll driving mechanism. 2,673,041, Mar. 23.
- Hittle, Carl E., assignor to Radio Corporation of America. 2,676,754, Cl. 235—91.
- Hixon, George M. 2,691,772, Cl. 339—270.
- Hixon, Arthur N., and R. J. Horst, to Bethlehem Steel Co. 2,697,650, Cl. 23—18.
- Hixon, Arthur W., Leonia, N. J., and R. Miller, assignors, by mesne assignments, to The Chemical Foundation, Incorporated, New York, N. Y. Treatment of fatty oils. 2,666,773, Jan. 19.
- Hjelm, Karl E.: *See*—
Bilde, Tord E. D., Hjelm, and Hultberg. 2,676,088.
- Hjelm, Karl E. W., assignor to Aktiebolaget Bofors. 2,674,946, Cl. 102—70.2.
- Hjulian, Julius A., Palos Heights, assignor to Crane Co., Chicago, Ill. Automatic shaft reverser and torque governor machine. 2,668,451, Feb. 9.
- Hjulian, Julius A., Palos Heights, assignor to Crane Co., Chicago, Ill. Reversing mechanism. 2,668,452, Feb. 9.
- Hjulian, Julius A., to Crane Co. 2,684,268, Cl. 299—150.
- Hjulian, Julius A., to Crane Co. 2,685,115, Cl. 25—16.
- Hjulian, Julius A., to Crane Co. 2,694,349, Cl. 92—59.
- Hlavac, Ludvik, Astoria, N. Y. Magnetic playing pieces. 2,665,913, Jan. 12.
- Hlavacek, Robert J., Berwyn, assignor to Swift & Company, Chicago, Ill. Color stabilization of fatty materials. 2,673,868, Mar. 30.
- Hlavacek, Robert J., assignor to Swift & Company. 2,680,121, Cl. 260—398.5.
- Hnizda, Vincent F.: *See*—
Shapiro, Hymin, Hnizda, and Calingaert. 2,674,519.
- Ho, William: *See*—
Hislop, William A. 2,691,820.
- Hoag, Roderick W., assignor to Hoag-Russell Corporation, Melrose, Mass. Method and machine for filling and wrapping packages. 2,669,814, Feb. 23.
- Hoag-Russell Corporation, assignee: *See*—
Hoag, Roderick W.
- Hoague, Floy B.: *See*—
Hoague, James and F. B. 2,686,249.

- Hoague, James M. and F. B.; said F. B. Hoague assignor to said J. M. Hoague. 2,686,249, Cl. 219—38.
- Hoak, Clarence B., assignee: *See*—Grosskross, John F.
- Hoar, Roger S.: *See*—Pennington, Neal A., and McKinney. 2,681,217.
- Hoard, Bert V. 2,690,774, Cl. 143—21.
- Hoare, Robert G.: *See*—Neilson, Christopher B. V., and Hoare.
- Hootson, James R., and R. H. Rosenwald, assignors to Universal Oil Products Company. 2,676,191, Cl. 260—613.
- Hoban, Fairfield W., to N. Cogliati, J. F. Hoban, and J. R. Callahan, as trustees. 2,685,956, Cl. 198—37.
- Hoban, Fairfield W., to N. Cogliati, J. F. Hoban, and J. R. Callahan, as trustees. 2,686,588, Cl. 198—135.
- Hoban, John F.: *See*—Hoban, Fairfield W. 2,685,956.
Hoban, Fairfield W. 2,686,588.
- Hobart, Franklin G.: *See*—Ashcroft, Thomas W., and Hobart. 2,692,505.
- Hobart, John P., to General Motors Corp. 2,693,117, Cl. 74—484.
- Hobart Mfg. Co., The: *See*—Meeker, David A., and Geiger. 2,681,658.
Reussenzelm, Ernest A. 2,689,120.
- Hobbs, Charles L., Jr., to E. I. du Pont de Nemours & Co. 2,686,799, Cl. 260—437.
- Hobbs, Forrest O., administrator: *See*—Fusselman, James.
- Hobbs, Frank, assignor to Research Holdings, Inc. 2,677,268, Cl. 72—0.5.
- Hobbs, George S.: *See*—Hobbs, James C. and G. S. 2,675,825.
- Hobbs, George W., to General Electric Co. 2,697,549, Cl. 235—61.
- Hobbs, George W., and W. B. Jordan, to General Electric Co. 2,692,727, Cl. 235—61.
- Hobbs, Howard F., assignor to Hobbs Transmission Limited, Leamington Spa, England. Variable-ratio power transmission apparatus. 2,668,552, Feb. 9.
- Hobbs, Howard F., to Hobbs Transmission Ltd. 2,697,441, Cl. 137—56.
- Hobbs, Howard F., and J. A. Thompson, assignors to Hobbs Transmission Limited, Leamington Spa, England. Nonfluttering valve for power transmission apparatus. 2,667,145, Jan. 26.
- Hobbs, Howard H., Tipton, Ind., assignor to The Oaks Manufacturing Company. Thermostatic switch. 2,673,269, Mar. 23.
- Hobbs, James C., Coral Gables, Fla. Stop-check valve. 2,669,413, Feb. 16.
- Hobbs, James C. 2,676,781, Cl. 251—210.
- Hobbs, James C. 2,695,184, Cl. 285—129.
- Hobbs, James C. and G. S. 2,675,825, Cl. 137—301.
- Hobbs, John F.: *See*—Chadwick, Richard, and Hobbs. 2,692,410.
- Hobbs, Ralph E., Jr.: *See*—Alderman, Leon D., and Hobbs.
- Hobbs, Taz D., Alvin, Tex. Synchronized light and camera shutter system. 2,668,485, Feb. 9.
- Hobbs Transmission Ltd.: *See*—Hobbs, Howard F.
Hobbs, Howard F. 2,697,441.
Hobbs, Howard F., and Thompson.
- Hobday, Hiram J. 2,688,827, Cl. 51—187.
- Hobgood, Joseph H., Buffalo Junction, Va. Combined top dresser and sower. 2,672,259, Mar. 16.
- Hobson, Charles W. 2,677,519, Cl. 248—125.
- Hobson-Miller Machinery, Inc.: *See*—Chew, Albert C. 2,687,300.
- Hobush, Albert P.: *See*—Schmid, Herman, and Hobush. 2,678,739.
- Hoch, Edward G., Minneapolis, Minn. Milk bottle crate. 2,667,284, Jan. 26.
- Hoch, Fred W.: *See*—Schaum, Eduard A. 2,697,893.
- Hoch, Paul E.: *See*—Wynn, Robert W., and Hoch. 2,686,812.
Wynn, Robert W., and Hoch. 2,694,729.
- Hoch, Paul E., to General Aniline & Film Corp. 2,693,492, Cl. 260—591.
- Hoch, Paul E., G. W. Pedlow, Jr., and R. L. Sundberg, to General Aniline & Film Corp. 2,696,498, Cl. 260—521.
- Hochberg, Meyer, Detroit, Mich. Man's undergarment. 2,671,222, Mar. 9.
- Hochberg, Seymour, to E. I. du Pont de Nemours and Co. 2,681,324, Cl. 260—29.6.
- Hochhauser, Irving: *See*—Benner, Roland G., and Hochhauser. 2,685,586.
- Hochmayr, Franz. 2,688,911, Cl. 99—305.
- Hock, Alvin, Sr., and M. Leva, said Leva assignor to said Hock. 2,677,531, Cl. 257—245.
- Hockenberger, George C., and J. R. Turner, assignors to Remington Arms Company, Inc. 2,679,204, Cl. 101—5.
- Hockery, John C.: *See*—Aberer, Frank E. 2,685,902.
Aberer, James B. 2,695,643.
Talge, Henry J.
Talge, Henry J., and Aberer. 2,694,855.
Talge, Henry J., and Snell. 2,695,644.
- Hockett, Carl G., Uxbridge, Mass., assignor to Fram Corporation. Grommet making machine. 2,670,576, Mar. 2.
- Hockett, Sebern W.: *See*—Bonewitz, Paul W., Fults, and Hockett. 2,678,303.
- Hocutt, Clyde F. 2,681,107, Cl. 164—68.
- Hodell, Frederick G., assignor to The National Screw & Manufacturing Company. 2,676,510, Cl. 85—45.
- Hodge, Edward A.: *See*—Ohlson, Paul E., and Hodge. 2,677,898—9.
- Hodge, Edward B., to Commercial Solvents Corp. 2,681,934, Cl. 260—570.
- Hodge, James: *See*—McLeod, Roderick C., and Hodge. 2,688,844.
- Hodge, Sidney P., Archer City, Tex. Emergency escape elevator for derricks. 2,670,890, Mar. 2.
- Hodges, Clarence R.: *See*—Hammer, Thomas R., Ingersoll, and Hodges.
- Hodges, Howard T., to Eastman Kodak Co. 2,688,279, Cl. 95—31.
- Hodges, James W., to Sun Oil Co. 2,687,774, Cl. 166—44.
- Hodges, Linnie P.: *See*—Morrow, Morris R., and Hodges. 2,693,997.
- Hodges, Linnie P., to Standard Oil Development Co. 2,685,558, Cl. 196—41.
- Hodges, Ralph D.: *See*—Herman, Clairmont J., and Hodges. 2,694,650.
- Hodges Research and Development Company, assignee: *See*—Robb, Alexander L. 2,674,466.
- Hodges, William A., and J. E. Floyd, to Swift & Co. 2,682,337, Cl. 209—166.
- Hodgman, Howard P., to Drexel Furniture Co. 2,688,524, Cl. 311—61.
- Hodgson, George H., Tampa, assignor to E. L. Dawson, Rattlesnake, Fla. Convertible swing and rocking crib. 2,665,744, Jan. 12.
- Hodgson, Richard W., and N. C. Parrish, assignors to Northrop Aircraft, Inc. 2,676,674, Cl. 188—1.
- Hodnett, Ernest M.: *See*—Brett, Charles, and Hodnett. 2,679,453.
- Hodnette, John K., and M. G. Leonard, to Westinghouse Electric Corp. 2,693,515, Cl. 200—116.
- Hodson, Ernest K., to V. Soper. 2,697,152, Cl. 200—122.
- Hodsdon, Floyd G.: *See*—Harstick, William H., and Hodsdon.
- Hodtum, Joseph B., to Allis-Chalmers Mfg. Co. 2,686,236, Cl. 200—11.
- Hoe, R., & Co. Inc.: *See*—Bryer, Jack. 2,678,565.
Harless, Charles A. 2,681,007.
Toft, Norman P. 2,684,028.
Willis, Claude E. F. 2,682,027.
- Hoeckele, Karl, Newark, N. J. Needle threader. 2,667,294, Jan. 26.
- Hoefler, Howard: *See*—Rolf, Elmer, and Hoefler. 2,679,793.
- Hoefle, Milton L., and R. W. Wynn, assignors to General Aniline & Film Corporation. 2,674,604, Cl. 260—346.2.
- Hoeflich, Victor T. 2,682,658, Cl. 1—44.4.
- Hoeflich, Victor T. 2,682,668, Cl. 2—209.3.
- Hoehn, Willard M., assignor to G. D. Searle & Co. 2,676,183, Cl. 260—476.
- Hoehn, Willard M., assignor to G. D. Searle & Co. 2,676,184, Cl. 260—476.
- Hoehn, Willard M., to G. D. Searle & Co. 2,681,367, Cl. 260—590.
- Hoehn, Willard M., to G. D. Searle & Co. 2,682,555, Cl. Hoek, Theodor J. J., to De Directie van de Staatsmijnen in Limburg. 2,684,891, Cl. 23—295.
- Hoekstra, James, Evergreen Park, assignor to Universal Oil Products Company, Chicago, Ill. Spheroidal alumina. 2,666,749, Jan. 19.
- Hoekstra, James, assignor to Universal Oil Products Company. 2,680,099, Cl. 252—448.
260—476.
- Hoekstra, James, to Universal Oil Products Co. 2,689,226, Cl. 252—442.
- Hoelscher, William G., assignor to The American Tool Works Co., Cincinnati, Ohio. Conduit system for machine tools. 2,668,557, Feb. 9.
- Hoelscher, William G., to The American Tool Works Co. 2,682,933, Cl. 188—75.
- Hoelscher, William G., to The American Tool Works Co. 2,687,065, Cl. 88—74.
- Hoelzer, William F., assignor to Milwaukee Valve Company. 2,680,030, Cl. 284—18.
- Hoelzer, William F., to Milwaukee Valve Co. 2,693,816, Cl. 137—322.
- Hoemel, Herbert. 2,681,894, Cl. 260—20.
- Hoenes, Harry S. 2,686,153, Cl. 204—278.
- Hoenie, Norman J.: *See*—Landis, George G., and Hoenie.
- Hoenig, John, to Baker Brothers, Inc. 2,694,567, Cl. 267—1.
- Hoenninger, Willy G., and B. E. Weeks. 2,696,182, Cl. 113—34.
- Hoepfner, Conrad H., assignor to Raytheon Manufacturing Company. 2,678,425, Cl. 332—9.
- Hoepfner, Conrad H., to Raytheon Mfg. Co. 2,685,079, Cl. 340—184.
- Hoepfner, Conrad H. 2,696,558, Cl. 250—27.
- Hoer, Wilhelm: *See*—Schott, Walter, Melchert, Gebhardt, and Hoer. 2,677,942.

- Hoerr, Charles W.: *See*—
Harwood, James, Hoerr, and Reck
Ohlson, John L., and Hoerr. 2,697,729.
- Hoewisch, Martin L. 2,693,367, Cl. 280—97.
- Hofer, Hans, to H. Hofer, Jr. 2,681,040, Cl. 219—19.
- Hofer, Hans, Jr.: *See*—
Hofer, Hans. 2,681,404.
- Hoff, Adam F. 2,695,237, Cl. 99—137.
- Hoff, Jean M. 2,689,422, Cl. 40—133.
- Hoff, John M., and E. L. Warner, to The Tappan Stove Co. 2,693,232, Cl. 161—9.
- Hoffacker, Theodore, Jr., Hagerstown, Md., assignor to Fairchild Engine and Airplane Corporation. Automatic valve means. 2,667,887, Feb. 2.
- Hoffer, Henry S., to The Cleveland Pneumatic Tool Co. 2,688,718, Cl. 318—267.
- Hoffer, Leon E.: *See*—
Bertieff, William, and Hoffer. 2,691,797.
- Hoffer, Temple P., assignor to Otis Pressure Control, Inc., Dallas, Tex. Two-zone pump. 2,668,500, Feb. 9.
- Hofferberth, Oscar E., assignor to The National Cash Register Company, Dayton, Ohio. Record member. 2,672,354, Mar. 16.
- Hofferth, Frederick P. 2,693,356, Cl. 270—57.
- Hoffhine, Charles E., Jr.: *See*—
Peck, Robert L., Hoffhine, and Folkers. 2,691,675.
- Hoffman, Alfred E.: *See*—
Bloch, Herman S., Hoffman, and Mammen. 2,677,702.
- Hoffman, Alfred E., J. A. Chenicek, and H. E. Whitmore, to Universal Oil Products Co. 2,683,694, Cl. 252—404.
- Hoffman, Allan C.: *See*—
Vernet, Sergius, and Hoffman.
- Hoffman, Allan C., W. H. Geddes, and J. D. Olcott, to United Aircraft Products, Inc. 2,695,679, Cl. 183—25.
- Hoffman, Cedric E., Jr., assignor to Spangler, Inc. 2,677,133, Cl. 2—206.
- Hoffman, Charles, Salisbury, Md. Adjustable hanger for electric outlet boxes. 2,670,917, Mar. 2.
- Hoffman, Dorothea H., Rahway, C. H. Shunk, Scotch Plains, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Benzimidazole phosphate. 2,667,479, Jan. 26.
- Hoffman, Dorothea H., S. A. Harris, and K. Folkers, to Merck & Co., Inc. 2,695,297, Cl. 260—296.
- Hoffman, Edward J. 2,674,053, Cl. 38—66.
- Hoffman Engineering Corp.: *See*—
Horn, Charles L., and De Jarlais. 2,683,515.
- Hoffman, Frank D., Jr., to General Steel Products Co., Inc. 2,693,845, Cl. 155—105.
- Hoffman, Frederick C., North Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Die assembly for utilizing hydrostatic pressure in a deep body of water for forming sheets. 2,669,209, Feb. 16.
- Hoffman, Herbert E., to Nylonge Corp. 2,682,073, Cl. 15—244.
- Hoffman, Heman L., to Hoffman Radio Corp. 2,691,724, Cl. 250—16.
- Hoffman, Herman S. 2,686,550, Cl. 152—233.
- Hoffman, Howard D.: *See*—
Hoffman, James I., to the United States of America as represented by the United States Atomic Energy Commission. 2,690,376, Cl. 23—145.
- Hoffman, Joseph D., and E. E. Holke, assignors to James R. Kearney Corporation. 2,680,774, Cl. 174—94.
- Hoffman, Leo, assignor to Hydropress, Incorporated, New York, N. Y. Testing machine clamping device. 2,665,603, Jan. 12.
- Hoffman, Martin, assignor to Martin Hoffman Company. 2,676,481, Cl. 72—19.
- Hoffman, Martin, Company, assignee: *See*—
Hoffman, Martin. 2,676,481.
- Hoffman, Max. 2,689,757, Cl. 292—96.
- Hoffman, Norman E., to Aircraft-Marine Products, Inc. 2,685,076, Cl. 339—276.
- Hoffman Radio Corp.: *See*—
Hoffman, Heman L. 2,691,724.
- Willyard, Leslie A., and Daniels. 2,684,142.
- Hoffman, Richard Y., Jr.: *See*—
Dyke, Edwin, and Hoffman. 2,679,003.
- Dyke, Edwin, and Hoffman. 2,679,004.
- Hoffman, Robert C.: *See*—
Heidenreich, Albert E., and Hoffman.
- Hoffman, Saul J., and F. W. Burwen. 2,696,746, Cl. 81—15.
- Hoffman, Stanley G., and O. K. Schmidt, to Hat Corp. of America. 2,696,618, Cl. 2—175.
- Hoffmann, Edward J.: *See*—
Baumgarten, Peter K., Hoffmann, and Wadley. 2,694,671.
- Hoffmann, Elmer L., Park Ridge, and R. A. Nelson, assignors to Admiral Corporation, Chicago, Ill. Phonograph record changer. 2,665,917, Jan. 12.
- Hoffmann, Franz J. 2,679,063, Cl. 15—186.
- Hoffmann, Henry L. 2,674,243, Cl. 128—103.
- Gallo, Elia A., and Hoffman. 2,675,818.
- Hoffmann, Karl: *See*—
Sury, Ernst, and Hoffmann.
- Hoffmann, Karl, Binningen, and E. Tagmann, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. 3-disubstituted dioxipiperidines and the manufacture thereof. 2,673,205, Mar. 23.
- Hoffmann-La Roche Inc.: *See*—
Aeschlimann, John A., and Stempel.
Bergel, Franz, Cohen, Atherton, Heath-Brown, and Hughes. 2,693,470.
- Berger, Leo. 2,694,058.
- Finkelstein, Jacob, and Lee. 2,686,784.
- Finkelstein, Jacob, and Lee. 2,695,290.
- Fox, Herman H.
Fox, Herman H. 2,676,178.
- Fox, Herman H. 2,685,580.
- Fox, Herman H. 2,685,585.
- Fox, Herman H. 2,689,852.
- Frick, Heinrich, and Lutz. 2,680,116.
- Gardner, Thomas S., and Wenis. 2,685,584.
- Goldberg, Moses W., and Jampolsky.
Goldberg, Moses W., and Rachlin.
Harris, Sidney E., and Engel.
Isler, Otto, and Doebel. 2,683,176.
- Lindlar, Herbert. 2,681,938.
- Morrison, Alexander L., and Atherton. 2,677,680.
- Morrison, Alexander L., Atherton, and Andrews. 2,686,783.
- Plati, John T., and Wenner. 2,676,967.
- Rey-Bellet, Gerald. 2,677,689.
- Scheibel, Edward G., and Karr. 2,676,903.
- Schmidt, Robert A., and Wenner. 2,693,465.
- Schneider, Otto. 2,677,692.
- Schneider, Otto. 2,678,313.
- Schneider, Otto, and Grussner. 2,676,177.
- Steiger, Norbert. 2,677,691.
- Steiger, Norbert. 2,692,881.
- Steiger, Norbert, and Keller. 2,676,970.
- Surmatis, Joseph D., and Juliano. 2,677,701.
- Wenner, Wilhelm. 2,679,501.
- Hoffmann, Leo: *See*—
Krause, Gerhard P., and Hoffmann.
- Hoffmann, Ludwig. 2,690,317, Cl. 248—42.
- Hoffmann, Walter, to Aktiebolaget Separator. 2,690,764, Cl. 137—563.
- Hoffmann, Walter W., assignor to Durant Manufacturing Co., Milwaukee, Wis. Intermittent counter drive. 2,673,685, Mar. 30.
- Hoffmann, Walter W., Waukesha County, assignor to Durant Manufacturing Co., Milwaukee, Wis. Predetermining counter having magnetically held control means. 2,673,686, Mar. 30.
- Hoffmann, William. 2,694,875, Cl. 43—15.
- Hoffmann, William F., and H. E. Skillman, assignors to Eli Lilly and Company, Indianapolis, Ind. Ticket printing machine. 2,672,809, Mar. 23.
- Hoffmaster, George R., Esterly, assignor to Willson Products, Inc., Reading, Pa. Ventilated goggles. 2,667,640, Feb. 2.
- Hoffmeister, Erich, and K. Röhm. 2,678,494, Cl. 32—27.
- Hoffmeister, Robert L., to The Singer Mfg. Co. 2,681,628, Cl. 112—210.
- Hoffmeister, Robert L., to The Singer Mfg. Co. 2,686,485, Cl. 112—248.
- Hoffmeister, William S., to Standard Oil Development Co. 2,686,108, Cl. 23—230.
- Hoffpauir, Carroll L.: *See*—
Guthrie, John D., Chance, and Hoffpauir. 2,681,846.
- Hofgaard, Rolf. 2,688,739, Cl. 340—173.
- Hofmann, Alfred, & Co.: *See*—
Hepp, Carlos A.
Schoenster, Peter J. 2,690,066.
- Hofmann, Corris M.: *See*—
Crossley, Moses L., Hofmann, and Dreisbach. 2,677,685.
- Hofmann, Rudolf, Dusseldorf, Germany. Adjusting strap for trouser waists. 2,668,958, Feb. 16.
- Hofstetter, Jack H., and P. R. Wiewandt, to Purex Corp., Ltd. 2,689,647, Cl. 209—90.
- Hoftiezer, Henry W.: *See*—
Kolka, Alfred J., Burt, and Hoftiezer. 2,692,899.
- Hogan, Alsede W. 2,692,300, Cl. 178—68.
- Hogan, Claude A., Cedartown, Ga., assignor, by mesne assignments, to The Goodyear Tire & Rubber Company. Web guiding apparatus. 2,672,300, Mar. 16.
- Hogan, Clifford W. 2,690,177, Cl. 128—84.
- Hogan Co., The: *See*—
Hogan, Eric E. 2,688,174.
- Hogan, Eric E., to The Hogan Co. 2,688,174, Cl. 25—118.
- Hogan, John C. 2,687,182, Cl. 170—159.
- Hogan, John W.: *See*—
Daniels, Howard L., and Hogan.
Daniels, Howard L., and Hogan. 2,679,035.
Daniels, Howard L., and Hogan. 2,680,239.
- Hogan, Robert J.: *See*—
Cines, Martin R., and Hogan. 2,696,497.
- Hogan, Walter H. 2,694,675, Cl. 202—153.
- Hogan, William J., to Stapling Machines Co. 2,695,998, Cl. 1—8.1.
- Hogan, William J., and A. M. Sylvester, to Stapling Machines Co. 2,698,109, Cl. 217—3.
- Hoge, Harold J., to Leeds and Northrup Co. 2,687,510, Cl. 324—57.
- Hoge, Philip B. 2,681,030, Cl. 116—63.
- Hogeberg, Bart A. 2,696,985, Cl. 273—201.
- Hogg, John A., to The Upjohn Co. 2,687,426, Cl. 260—473.
- Hogg, John A., and F. H. Lincoln, Jr., assignors to The Upjohn Company. 2,678,931, Cl. 260—346.6.

- Hogg, John A., and W. P. Schneider, to The Upjohn Co. 2,683,712, Cl. 260—239.55.
- Hogg, John A., A. H. Nathan, and F. H. Lincoln, Jr., to The Upjohn Co. 2,683,722, Cl. 260—397.1.
- Hogg, John A., and W. P. Schneider, to The Upjohn Co. 2,683,723, Cl. 260—397.1.
- Hogg, John A., and A. H. Nathan, to The Upjohn Co. 2,683,724, Cl. 260—397.1.
- Hogg, John A., P. F. Beal, and F. H. Lincoln, Jr., to The Upjohn Co. 2,695,906, Cl. 260—397.45.
- Hogin, David R., Scarsdale, N. Y., assignor to Standard Oil Development Company. Apparatus for determining densities of finely divided solid materials in a fluidized body of such materials. 2,668,365, Feb. 9.
- Hoglan, Forest A., to International Minerals & Chemical Corp. 2,688,037, Cl. 260—527.
- Hogsed, Milton J.: *See—*
- Albisetti, Charles J., Jr., and Hogsed.
- Hohenemser, Kurt H., Pattonville, Mo. Aircraft lifting rotor and pitch control mechanism therefor. 2,670,051, Feb. 23.
- Hohenemser, Kurt H., assignor to McDonnell Aircraft Corporation. 2,680,579, Cl. 244—17.13.
- Hohing, Conrad, Jr.: *See—*
- Fortess, Fred, and Hohing. 2,676,924.
- Fortess, Fred, Hohing, and Rio. 2,676,975.
- Hohl, Ethel, trustee, assignee: *See—*
- Carson, Russell M. 2,679,253.
- Hohl, John, Toledo, and A. F. Trendel, Huron, Ohio, assignors to Owens-Illinois Glass Company. Article spraying means and screw-type article-conveying mechanism. 2,665,697, Jan. 12.
- Hohloch, Kurt S., assignor of $\frac{1}{2}$ to Süddeutsche Spindelwerke Zinser, and $\frac{1}{2}$ to Vereinigte Kugellagerfabriken Aktiengesellschaft. 2,675,586, Cl. 19—135.
- Hohmann, Albert: *See—*
- Cooper, Benjamin, and Hohmann. 2,687,691.
- Cooper, Benjamin, and Hohmann. 2,687,849.
- Cooper, Benjamin, and Hohmann. 2,687,936.
- Cooper, Benjamin, and Hohmann. 2,687,937.
- Hohmann, Albert F.: *See—*
- Cooper, Benjamin, and Hohmann. 2,683,870.
- Hohmann, Frederick R., to Pittsburgh Plate Glass Co. 2,688,469, Cl. 259—6.
- Hohmes, William A., Baltimore, Md. Safety crash handle. 2,672,103, Mar. 16.
- Hohmeyer, William H.: *See—*
- Millerwise, Carl H., and Hohmeyer. 2,695,054.
- Hohner, Walter, Esslingen, assignor to Georg Reicherter, Esslingen (Neckar), Germany. Measuring device for forces, including calibrating attachments. 2,672,755, Mar. 23.
- Hohner, Walter, to G. Reicherter. 2,682,169, Cl. 73—83.
- Hohnl, Kurt E.: *See—*
- Omon, Gene L., and Hohnl.
- Hohnstein, Paul J., and V. D. Bruckman; said Bruckman assignor to said Hohnstein. 2,684,827, Cl. 251—145.
- Hohwart, Ernest F.: *See—*
- Hohwart, George and E. F. 2,684,854.
- Hohwart, George and E. F., to N. A. Woodworth Co. 2,684,854, Cl. 279—2.
- Hoiby, James C.: *See—*
- Dahl, Karl E., and Hoiby. 2,674,643.
- Hojnacki, Louis J., assignee: *See—*
- Zimdars, Clarence. 2,678,524.
- Hokanson, Arthur C. 2,687,932, Cl. 311—38.
- Hoke, Charles V.: *See—*
- Berstler, Francis E. 2,685,872.
- Hoke, Harry H., Jr. 2,681,645, Cl. 123—119.
- Hoke, Russell C. 2,676,406, Cl. 30—320.
- Hoker Electrochemical Co.: *See—*
- Wojcik, Bruno H. 2,692,264.
- Holaday, Harold O.: *See—*
- Krause, Raymond S., and Holaday. 2,694,925.
- Holan, J. H., Corporation, assignee: *See—*
- Troche, Herman J., and Holan.
- Holan, James H.: *See—*
- Troche, Herman J., and Holan.
- Holben, Martin M., assignor to Curtiss-Wright Corporation. 2,680,601, Cl. 257—261.
- Holbrook, Bernard D., W. A. Malthaner, and H. E. Vaughan, to Bell Telephone Laboratories, Inc. 2,696,599, Cl. 340—147.
- Holbrook, Darrel W.: *See—*
- Bateman, George H., Freeman, and Holbrook. 2,676,084.
- Holbrook, Darwin L., M. E. Andersen, and W. M. Fairfield, to The Fafnir Bearing Co. 2,695,202, Cl. 308—72.
- Holbrook, Nathan W. 2,691,467, Cl. 222—330.
- Holby, Worrell H., to The General Power Plant Corp. 2,691,737, Cl. 250—218.
- Holcomb, Arthur L., assignor, by mesne assignments, to Westrex Corporation. 2,677,096, Cl. 321—58.
- Holcombe, Homer H. 2,696,224, Cl. 139—267.
- Holcombe, Ralph L. 2,679,116, Cl. 35—29.
- Holcombe, Samuel M. 2,690,934, Cl. 308—4.
- Holcroft & Company, assignee: *See—*
- Holcroft, Walter H.
- Holcroft, Walter H. 2,680,011.
- Holcroft, Walter H., assignor to Holcroft & Company, Detroit, Mich. Heat-treating apparatus. 2,669,445, Feb. 16.
- Holcroft, Walter H., assignor to Holcroft & Company. 2,680,011, Cl. 263—7.
- Holdaway, George H., and E. C. Wallace, Mountain View, Calif. Propeller ice-prevention heating unit. 2,665,090, Jan. 5.
- Holdeman, John W., to Borg-Warner Corp. 2,682,787, Cl. 74—732.
- Holdeman, John W., to Borg-Warner Corp. 2,689,490, Cl. 74—761.
- Holden, Alfred T., and G. L. Wallis, assignors to The Decca Record Company, Limited. 2,678,633, Cl. 120—42.
- Holden, William H. T., Pasadena, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Channel testing circuit. 2,672,521, Mar. 16.
- Holden, William H. T., assignor to Bell Telephone Laboratories, Incorporated. 2,678,409, Cl. 315—166.
- Holden, William H. T., Woodside, and E. L. Vibbard, Jackson Heights, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Station identifier. 2,672,518, Mar. 16.
- Holden, William H. T., and E. R. Morton, to Bell Telephone Laboratories, Inc. 2,685,683, Cl. 340—253.
- Holdenline Co.: *See—*
- Wise, Gary E. 2,694,877.
- Holdenried, Joseph G., to Daniel Orifice Fitting Co. 2,688,985, Cl. 138—37.
- Holder, Clinton H., C. C. Nelson, and R. C. Morbeck, to the United States of America as represented by the United States Atomic Energy Commission. 2,682,453, Cl. 23—270.5.
- Hole, Gilbert F., to General Motors Corp. 2,683,183, Cl. 136—26.
- Hole, Lowell O.: *See—*
- Horsch, Stanley J., and Hole.
- Holgersson, Sigbjörn P. H. E., M. S. Rudberg, and D. R. Rydeberg, to Störviks Sulfit Aktiebolag. 2,694,632, Cl. 92—19.
- Holick, Frank A. 2,690,210, Cl. 155—123.
- Holin, William, Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Journal box end thrust construction. 2,672,381, Mar. 16.
- Holke, Eugene E.: *See—*
- Hoffman, Joseph D., and Holke. 2,680,774.
- Holladay, William L.: *See—*
- Hieatt, Forrest H., Holladay, and Gelineau. 2,684,578.
- Hieatt, Forrest H., Holladay, and Gelineau. 2,684,579.
- Holland, Arnold J., G. E. Boxer, and J. C. Rickards, to Merck & Co., Inc. 2,694,679, Cl. 204—159.
- Holland, Arthur A. 2,688,406, Cl. 210—198.
- Holland, Charles R., assignor to General Electric Company. 2,679,586, Cl. 250—27.
- Holland Co.: *See—*
- Wulff, Cal W.
- Wulff, Cal W. 2,682,232.
- Holland, Cropper W., Jr.: *See—*
- Patton, John W., and Holland. 2,676,333.
- Holland, Ernest O.: *See—*
- Cope, John E., and Holland. 2,693,531.
- Holland, Jack W. 2,696,243, Cl. 154—17.
- Holland, James W., Valdosta, Ga. Aircraft wing mounting assembly. 2,666,602, Jan. 19.
- Holland, Jesse H., Redondo Beach, Calif. Device for adjustably mounting packs of indicator cards or plates. 2,664,657, Jan. 5.
- Holland, Jesse H. 2,681,972, Cl. 219—19.
- Holland, Lawrence E. 2,693,227, Cl. 155—191.
- Holland, Louis E., Lee's Summit, Mo. Therapeutic machine for stimulating blood circulation of the skin and immediately underlying tissue. 2,671,443, Mar. 9.
- Holland, Roy P., to Allis-Chalmers Mfg. Co. 2,688,109, Cl. 317—122.
- Holland, William W., Baltimore, Md., assignor to The Gyro Process Company, Detroit, Mich. Control of gas production in the vapor phase conversion of liquid hydrocarbons. 2,668,791, Feb. 9.
- Holland, William W., Baltimore, Md., assignor to The Gyro Process Company, Detroit, Mich. Suppressing gas production in the vapor phase conversion of hydrocarbons. 2,668,792, Feb. 9.
- Holland, William W., Baltimore, Md., assignor to The Gyro Process Company, Detroit, Mich. Apparatus for vapor phase conversion of hydrocarbons at constant temperatures. 2,668,793, Feb. 9.
- Holland, William W., Baltimore, Md., assignor to The Gyro Process Company, Detroit, Mich. Pyrolysis of gaseous hydrocarbons for the production of unsaturated compounds. 2,672,489, Mar. 16.
- Hollander, Julius, Yeadon, and B. S. Sabreen, Philadelphia, Pa. Cushion for artificial dentures. 2,664,631, Jan. 5.
- Hollander, William L.: *See—*
- Hubbard, David C., and Hollander. 2,692,315.
- Holleran, Dominic J., to Hardwick Hindle, Inc. 2,691,087, Cl. 201—48.
- Hollerith, Charles, assignor to Lake State Products, Inc. 2,675,010, Cl. 134—58.
- Holley Carburetor Co.: *See—*
- Goodwin, Richard R. 2,696,980.
- Hartman, Frank W., Jr.
- Hartman, Frank W., Jr., and Johnson. 2,698,010.

- Holley, Earl, assignee: *See*—
Orr, Andrew W., Jr. 2,682,836.
Smitley, Marion L.
- Holley, George M.: *See*—
Orr, Andrew W., Jr. 2,682,836.
Smitley, Marion L.
- Holley, Thomas I. 2,690,821, Cl. 189—34.
- Hollibaugh, William C., Springfield, assignor to Sun Oil Company, Philadelphia, Pa. Mineral oil containing 1,2-dialkoxy benzene as an oxidation inhibitor. 2,665,253, Jan. 5.
- Holliday, Jim B., Jamesville, N. C. Tobacco harvester. 2,672,248, Mar. 16.
- Hollifield, Roy G., Brooklyn, N. Y. Swivel connection for vehicle units. 2,667,365, Jan. 26.
- Hollinger Corp., The: *See*—
Comploier, Frank C. 2,690,283.
- Hollinger, Richard, assignor to Central Iron & Steel Company. 2,680,607, Cl. 266—23.
- Hollingshead, R. M., Corp.: *See*—
Howard, Robert R., and Wilcox. 2,675,363.
Jones, Lerroy V., Willis, and Perry. 2,685,565.
- Hollingsworth, Douglas T., and J. A. McCleery, assignors to W. T. Glover & Co. Limited. 2,680,086, Cl. 154—25.
- Hollingsworth, Lowell M., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Variable frequency multivibrator. 2,666,852, Jan. 19.
- Hollingsworth, Lowell M., to the United States of America as represented by the Secretary of the Navy. 2,693,528, Cl. 250—17.
- Hollingsworth, Raphael. 2,676,580, Cl. 123—191.
- Hollingsworth, Vern C. 2,686,049, Cl. 270—45.
- Hollins, Jesse R., Brooklyn, N. Y. Vehicle directional and emergency parking signal control system. 2,667,603, Jan. 26.
- Hollins, Jesse R., Brooklyn, N. Y. Vehicle directional and emergency parking signal control system. 2,667,627, Jan. 26.
- Hollins, Jesse R., Brooklyn, N. Y. Vehicle signaling circuit. 2,669,704, Feb. 16.
- Hollins, Jesse R., Brooklyn, N. Y. Contact device. 2,671,151, Mar. 2.
- Hollins, Jesse R., Brooklyn, N. Y. Flasher device. 2,673,937, Mar. 30.
- Hollins, Jesse R. 2,681,394, Cl. 200—88.
- Hollins, Jesse R. 2,692,981, Cl. 340—81.
- Hollis, Clinton R., assignor to Chemical Packaging Corporation. 2,674,978, Cl. 118—315.
- Hollis, Clinton R., to Chemical Packaging Corp. 2,684,049, Cl. 118—315.
- Hollis, Frank, Jr.: *See*—
Campbell, Harold A., and Hollis. 2,696,156.
Campbell, Harold A., and Hollis. 2,696,157.
- Hollis, James L., to Collins Radio Co. 2,691,141, Cl. 336—139.
- Hollis, Robert F., to F. X. Hooper Co., Inc. 2,687,165, Cl. 154—30.
- Hollis, Robert F., to Alton Box Board Co. 2,697,661, Cl. 92—14.
- Hollister, Edwin S., to General Electric Co. 2,696,018, Cl. 16—128.
- Hollman, Peter I., to Geo. D. Roper Corp. 2,696,877, Cl. 158—130.
- Hollmann, Josef: *See*—
Opitz, Herward, and Hollmann. 2,679,089.
- Hollmig, Felix H., Hondo, Tex. Fence wire stretching and anchoring tool. 2,673,579, Mar. 30.
- Hollopetre, John H.: *See*—
Russell, Arthur P., and Hollopetre. 2,676,437.
- Holloway, Charles G., Elmira, N. Y. Cow barn gutter cleaner. 2,667,264, Jan. 26.
- Holloway, James P., to Armstrong Cork Co. 2,692,118, Cl. 257—95.
- Hollway, David L., Gordon, New South Wales, and A. M. Thompson, Mosman, New South Wales, assignors to Commonwealth Scientific and Industrial Research Organization, East Melbourne, Victoria, Australia. Electronic counting device. 2,666,162, Jan. 12.
- Holly, Frederick W.: *See*—
Johnston, Eileen L., and Holly.
- Holly, Harry H., of $\frac{1}{2}$ to Hollymatic Corp. 2,684,501, Cl. 17—32.
- Holly Sugar Corporation, assignee: *See*—
Cotton, Robert H., Rorabaugh, and Harris. 2,678,288.
- Hollymade Hardware Mfg. Co.: *See*—
Cerf, Robert C., Jr. 2,694,309.
- Hollymatic Corp.: *See*—
Holly, Harry H. 2,684,501.
- Hollywood, John M., to Columbia Broadcasting System, Inc. 2,689,880, Cl. 178—54.
- Holm, Bent, assignor to Hartford National Bank and Trust Company as trustee. 2,676,252, Cl. 250—27.
- Holm, Carl B. 2,685,302, Cl. 137—395.
- Holm, Carl E., assignor to V. E. Kossian, Berwyn, Ill. Supporting apparatus. 2,666,608, Jan. 19.
- Holm, Hans F., and N. F. Hoppe, to Smallpeice Ltd. 2,688,314, Cl. 121—38.
- Holm, Hans F., and N. F. Hoppe, to Smallpeice Ltd. 2,689,548, Cl. 121—38.
- Holm-Hansen, Dagfrid: *See*—
Kaiser, Donald W., and Holm-Hansen. 2,690,455.
- Holm, Sven, to The Air Preheater Corp. 2,692,763, Cl. 257—246.
- Holm, Sven, and A. Jensen, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Sinuous wire element as extended surface on undulated heat exchanger plate wall. 2,670,936, Mar. 2.
- Holmberg, Tor F., to Osakeyhtio Vuoksenniska Aktiebolag. 2,681,855, Cl. 75—113.
- Holme-Shaw, Norman M., assignor to Visilite Corporation, Saginaw, Mich. Glare shield and clip therefor. 2,667,378, Jan. 26.
- Holme-Shaw, Norman M. 2,686,051, Cl. 271—217.
- Holmen, Reynold E., to Minnesota Mining & Mfg. Co. 2,692,253, Cl. 260—67.
- Holmes, David D., to Radio Corp. of America. 2,692,333, Cl. 250—27.
- Holmes, Davis F. 2,677,156, Cl. 20—52.2.
- Holmes, Davis F., and M. R. Stork, Atlanta, Ga. Combined sash guide and weather stripping for removable windows. 2,668,990, Feb. 16.
- Holmes, Elbridge R., to Crompton & Knowles Loom Works. 2,685,896, Cl. 139—304.
- Holmes, Ernest, Co.: *See*—
Holmes, Ernest W., and E. W. Holmes, Jr. 2,697,948.
- Holmes, Ernest W., deceased, by S. B. Strang, administrator, and E. W. Holmes, Jr., to Ernest Holmes Company. 2,697,948, Cl. 74—333.
- Holmes, Ernest W., Jr.: *See*—
Holmes, Ernest W., and E. W. Holmes, Jr. 2,697,948.
- Holmes, Eugene A., III, to the United States of America as represented by the Secretary of the Navy. 2,697,797, Cl. 315—24.
- Holmes, George D. 2,678,795, Cl. 248—353.
- Holmes, Gifford I., assignor to Milwaukee Gas Specialty Company. 2,674,641, Cl. 136—5.
- Holmes, Gordon F., assignor to United States Steel Corporation. 2,676,381, Cl. 24—263.
- Holmes, John S., assignee: *See*—
Kirk, Alva M. 2,674,097.
- Holmes, Mark N., Burlington, assignor to Burlington Mills Corporation, Greensboro, N. C. Hosiery length measuring device. 2,669,866, Feb. 23.
- Holmes, Mark N., Burlington, assignor to Burlington Mills Corporation, Greensboro, N. C. Hosiery length measuring device. 2,669,867, Feb. 23.
- Holmes, Roland A., J. F. Murphy, and R. L. Werkheiser, to Monsanto Chemical Co. 2,681,900, Cl. 260—45.75.
- Holmes, Simeon R.: *See*—
Trosset, Stanley W., Jr., Fisher, and Holmes. 2,698,259.
- Holmes, Tracy S., to Motion Picture Research Council, Inc. 2,682,957, Cl. 212—8.
- Holmes, Tunis L., assignor to The M. W. Kellogg Company, Jersey City, N. J. Metal treating flux. 2,671,040, Mar. 2.
- Holmqvist, Allan, Aktiebolag, assignee: *See*—
Ekman, Lars G. 2,674,180.
- Holmsten, Neil O., New Rochelle, N. Y. Locking device. 2,664,737, Jan. 5.
- Holmstrom, Henry W., J. A. Isaacson, and R. A. Joss. 2,682,236, Cl. 108—17.
- Holmstrom, Mauritz C., St. Paul, Minn. Elevator door safety lock. 2,671,531, Mar. 9.
- Holmwood, Richard H.: *See*—
Wagner, John L., and Holmwood. 2,693,277.
- Holophane Company, Inc., assignee: *See*—
Harrison, Ward.
- Holpfer, Marcus. 2,681,646, Cl. 123—119.
- Holsing, Robert H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Rotary percussion drill. 2,667,373, Jan. 26.
- Holst, Albert W. 2,689,341, Cl. 340—213.
- Holst, Paul F. G., to Avo Mfg. Corp. 2,694,161, Cl. 315—27.
- Holstebro, Kaye, to Emhart Mfg. Co. 2,684,147, Cl. 198—30.
- Holstebro, Kaye B., Gildersleeve, and L. Wimmer, Middletown, Conn., assignors, by mesne assignments, to Emhart Manufacturing Company. Bottle arranging machine. 2,669,341, Feb. 16.
- Holstein, Alvin W., to Knapp-Monarch Co. 2,685,625, Cl. 200—35.
- Holstein, John H. 2,684,799, Cl. 226—14.
- Holt, Fred E. 2,678,144, Cl. 222—102.
- Holt, Frederick W., Jr., assignor to The Brown-Bridge Mills, Inc. 2,678,284, Cl. 117—33.
- Holt, Harold P., to H. A. Hadley Associates Inc. 2,692,771, Cl. 265—49.
- Holt, Herman D. 2,683,615, Cl. 287—58.
- Holt, Lawrence C., to The Chemstrand Corp. 2,686,339, Cl. 19—66.
- Holt, Leo G., Merrimac, Mass., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand tension control mechanism. 2,668,019, Feb. 2.
- Holt, Raymond B., Alhambra, Calif. Balance indicator. 2,666,635, Jan. 19.
- Holt, Robert G., Johnston, R. I., assignor to MCA Sales Corporation. Valve. 2,670,171, Feb. 23.
- Holt, Roy F. 2,683,947, Cl. 42—42.
- Holte, Paul C., Canton, assignor to Pullman Vacuum Cleaner Corporation, Boston, Mass. Coupling for conduit parts. 2,667,371, Jan. 26.
- Holte, Paul C., to Pullman Vacuum Cleaner Corp. 2,690,918, Cl. 285—97.3.
- Holton, Francis C. 2,695,415, Cl. 5—345.

- Holton, George E., to Kent-Moore Organization, Inc. 2,688,193, Cl. 33—181.
- Holtrichter, Hubert: *See*—
Beraer, Heinz, and Holtrichter.
- Holtz, Abe: *See*—
Sadinoff, Max, and Holtz. 2,680,482.
- Holtz, Frederick C., Jr., Wadsworth, Ill., assignor to Pfanzichtl Chemical Company. Phonograph needle. 2,670,962, Mar. 2.
- Holtz, Frederick C., to Sangamo Electric Co. 2,693,991, Cl. 346—34.
- Holtz, Louis M. 2,688,688, Cl. 240—7.1.
- Holtz, Raymond F., to Voss Engineering Co. 2,684,000, Cl. 80—31.1.
- Holtz, Raymond F., to Voss Engineering Co. 2,698,043, Cl. 153—102.
- Holtzapple, Clyde N., to Aircraft-Marine Products, Inc. 2,684,004, Cl. 81—15.
- Holtzclaw, Grover B., to Parks-Cramer Co. 2,695,039, Cl. 139—1.
- Holub, Edward M., D. T. Kelley, and R. O. Wyland, Jr., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. 2,674,210, Cl. 110—22.
- Holvenstot, Clyde E.: *See*—
Worster, Arthur R., and Holvenstot.
- Holwick, Fred H., Meredosia, Ill. Skirt plate and skirt seal construction for conveyor belts. 2,665,795, Jan. 12.
- Holycross, Frank R., Jr., and D. E. Gulick, to Eljer Co. 2,689,959, Cl. 4—203.
- Holysz, Roman P., to The Upjohn Co. 2,694,079, Cl. 260—397.45.
- Holz, Charles. 2,684,815, Cl. 242—74.
- Holzinger, Alfred S., and R. Peth., to Motorola, Inc. 2,688,059, Cl. 200—91.
- Holzinger, Rudolph J.: *See*—
Pabst, Arthur C., Holzinger, and Gavin. 2,695,277.
- Holzinger, Rudolph J., and A. E. Traver, to Secony-Vacuum Oil Co., Inc. 2,688,246, Cl. 73—1.
- Holzman, George: *See*—
Good, George M., and Holzman. 2,678,337.
- Holzmann, Hermann, and G. Reinacher, to Deutsche Gold-und Silber-Scheideanstalt vormals Roessler. 2,685,547, Cl. 148—32.
- Holzrichter, Robert F., and E. E. Overbey, assignors to The James Knights Company, Sandwich, Ill. Method and apparatus for correcting crystal blanks. 2,668,397, Feb. 9.
- Holzwarth, Hans T., Westfield, assignor to The M. W. Kellogg Company, Jersey City, N. J. Turbine structure. 2,669,420, Feb. 16.
- Holzwarth, Hans T., assignor to the United States of America as represented by the Secretary of the Air Force. 2,676,456, Cl. 60—35.6.
- Homann, Hugo. 2,678,694, Cl. 164—86.
- Homasote Company, assignee: *See*—
Becher, Hubert L. 2,680,102.
- Home Curtain Corp., assignee: *See*—
Lepow, Edward.
- Homeier, Otto F.: *See*—
Howe, Everett W., Cooper, and Homeier.
- Homer, Horace H.: *See*—
Butler, Keith H., and Homer. 2,691,601.
- Homer, Jacob: *See*—
Fleisher, Harry, and Homer. 2,676,644.
- Homer Laughlin China Co., The: *See*—
Conkle, Charles J. 2,692,552.
- Emerson, Walter H. 2,691,937.
- Homer, Ronald F.: *See*—
Hendry, James A., Homer, and Rose. 2,675,386.
- Homestead Valve Mfg. Co.: *See*—
Force, John W. 2,694,413.
- Griffith, Walter L., Jr. 2,681,657.
- Homewood, Robert W.: *See*—
Pearce, Herbert, and Homewood. 2,692,935.
- Homeyer, August H., Webster Groves, G. B. De La Mater, St. Louis County, and A. A. Cochran, Ferguson, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Monobasic morphine phosphate hemihydrate and preparing same. 2,665,277, Jan. 5.
- Hommel, H., G. m. b. H.: *See*—
Luce, Hans. 2,692,538.
- Hommel, Maurice C., and C. C. Currie, assignors to Dow Corning Corporation, Midland, Mich. Mold release emulsion. 2,666,685, Jan. 19.
- Hommel, O., Co., The: *See*—
Matejczyk, John F. 2,698,306.
- Hommel, Theodore, assignor to Universal Match Corporation. 2,679,198, Cl. 95—76.
- Hommel, William B., to American Can Co. 2,692,966, Cl. 318—443.
- Honan-Crane Corp.: *See*—
Conley, Charles C. 2,696,914.
- Dudchik, Nicholas. 2,689,690.
- Gardes, Alfred W.
- Gardes, Alfred W. 2,694,229.
- Hawkins, Leslie J.
- Hawkins, Leslie J., and Zimmerman. 2,681,746.
- Hondeville, August I., assignor to W. A. Hondeville. 2,678,844, Cl. 299—47.
- Hondeville, Walter A., assignee: *See*—
Hondeville, August I. 2,678,844.
- Honegger, Willy. 2,691,965, Cl. 121—124.
- Honerkamp, Friedrich, to Anemostat Corp. of America. 2,684,023, Cl. 98—40.
- Honeychurch, Robert W., to Merco Centrifugal Co. 2,681,180, Cl. 233—1.
- Honeycomb Co. of America, Inc.: *See*—
Beamish, Bernard D. 2,687,150.
- Honig, Michael. 2,682,418, Cl. 280—304.
- Honing, Wilhelm, H. B. Siebelink, and S. Wijnberg, to Hartford National Bank and Trust Co. 2,689,924, Cl. 314—113.
- Honiss, William T., assignor to Emhart Manufacturing Company. 2,678,518, Cl. 49—14.
- Honiss, William T., assignor to Emhart Manufacturing Company. 2,678,519, Cl. 49—14.
- Honn, Henry F. 2,687,807, Cl. 211—119.15.
- Honnert, George E. 2,682,143, Cl. 56—293.
- Honningford, Victor B. 2,683,913, Cl. 25—131.
- Honorary Advisory Council for Scientific and Industrial Research, The: *See*—
Baird, Kenneth M. 2,687,062.
- Leblond, Charles P., and Albert. 2,684,051.
- Siranni, Aurelio F., and Puddington. 2,689,224.
- Wright, George F., and Chute. 2,678,927.
- Honorat, Georges: *See*—
Bataille, Roger, and Honorat. 2,679,005.
- Hood, Arthur J. 2,691,368, Cl. 126—25.
- Hood, E. Elliott: *See*—
Dickey, John W., and Hood. 2,691,891.
- Hood, George J. 2,691,377, Cl. 128—305.
- Hood, Glay M., to Eastman Kodak Co. 2,685,499, Cl. 23—122.
- Hood, Henry G., assignor to R. H. Hood Co. 2,679,070, Cl. 19—37.
- Hood, Myron E., 16% to J. M. Federika, 8% to R. B. Guck, 2% to E. L. Sims, 2% to F. J. Kathman, Jr., 1% to D. Delany, 1% to E. G. Fromme, 1% to J. A. Meinberg, 1% to R. Bigner, 1% to C. Lemperle, Jr., 1% to J. W. Mathews, and 1% to C. C. Brown. 2,696,217, Cl. 137—12.5.
- Hood, R. H., Co., assignee: *See*—
Hood, Henry G. 2,679,070.
- Hood, Robert C. 2,697,531, Cl. 215—11.
- Hood, Robert J., assignee: *See*—
Clark, Frank W., and Stolze.
- Hood, Robert T. 2,696,685, Cl. 38—118.
- Hoodswing Corporation, assignee: *See*—
Damasko, Frederick G. 2,676,803.
- Hooper, Charles F. 2,679,121, Cl. 40—10.
- Hoog, Han: *See*—
Engel, Willem F., and Hoog. 2,690,433.
- Engel, Willem F., and Hoog. 2,697,683.
- Hoogendoorn, Johannes: *See*—
Hugenholtz, Eduard H., and Hoogendoorn. 2,676,263.
- Hoogerheide, Johannes C.: *See*—
Frieden, Alexander, Hoogerheide, and Stern. 2,694,011.
- Hoogstraaten, Jacques P. G., to Shell Development Co. 2,697,667, Cl. 106—279.
- Hook, Benton A., and R. B. Nawman, assignors to Benner-Nawman, Inc. 2,676,632, Cl. 146—47.
- Hook, Donald E.: *See*—
Barry, Arthur J., and Hook. 2,676,091.
- Hook, Edwin O.: *See*—
Loughran, Gerard A., and Hook. 2,675,150.
- Hook, Edwin O., and E. W. Cook, to American Cyanamid Co. 2,683,166, Cl. 260—470.
- Hook, Edwin O., and D. W. Jayne, Jr., to American Cyanamid Co. 2,689,827, Cl. 252—32.7.
- Hook, Edwin O., and W. D. Thomas, Jr., to American Cyanamid Co. 2,695,273, Cl. 252—33.4.
- Hook-Flex Corp.: *See*—
Brayton, Ellery M. 2,697,221.
- Hooker, Donald E., to R. T. Moloney. 2,689,129, Cl. 273—88.
- Hooker, Donald E., to R. T. Moloney. 2,689,281, Cl. 200—105.
- Hooker, Donald E., Skokie, and F. G. Nicolaus, assignors to R. T. Moloney, Chicago, Ill. Modulated light projector with scrambling drive. 2,668,230, Feb. 2.
- Hooker, Donald E., Skokie, and F. G. Nicolaus, assignors to R. T. Moloney, Chicago, Ill. Follower and homing switch control means. 2,668,261, Feb. 2.
- Hooker Electrochemical Co.: *See*—
Loverde, Anthony. 2,695,873.
- Rucker, John T. 2,687,417.
- Rucker, John T. 2,694,738.
- Sonia, Joseph A., and Scremin. 2,674,620.
- Spence, Harry R., Johnson, and Osborne. 2,676,900.
- Hooker, Howard H., to The Cullen-Freistadt Co. 2,695,809, Cl. 294—67.
- Hooker, Leland W.: *See*—
Yeadon, Donald J., Hooker, and Garland. 2,691,395.
- Hooker, Samuel A. 2,680,664, Cl. 312—218.
- Hooker, Stanley G.: *See*—
Marchant, Francis C. I., Bell, and Hooker. 2,696,346.
- Hooper, Bernard B. 2,697,291, Cl. 37—126.
- Hooper, C. E., Inc., assignee: *See*—
Bogert, John L., and Chedister. 2,674,512.
- Hooper, Charles K., to Westinghouse Electric Corp. 2,693,566, Cl. 321—12.
- Hooper, F. X., Co., Inc.: *See*—
Fitchett, Thomas, and Rockstrom. 2,693,755.
- Hollis, Robert F. 2,687,165.
- Rockstrom, Leonard. 2,674,942.
- Hooper, Gilman S., and T. S. Solomon, to Industrial Rayon Corp. 2,692,185, Cl. 18—54.

- Hooper, Glenn E., Springfield, Mo. Finger mounted eraser. 2,665,666, Jan. 12.
- Hoopes, Ernest A. 2,691,232, Cl. 42—70.
- Hoopes, Raymond F., Sr.: *See*—
Bishop, Ray H., and Hoopes. 2,688,420.
- Hoos, Benjamin G., to Brown Co. 2,687,352, Cl. 92—13.
- Hoosac Mills Corporation, assignee: *See*—
Munroe, Philemon.
- Hoover, Charles D.: *See*—
Jauch, Robert J., and Hoover.
- Hoover Co., The: *See*—
Beach, Justice H., and Vance.
Binggely, Elmer C. 2,688,408.
Bixler, Milo E. 2,684,428.
Brace, George A. 2,674,341.
Brace, George A. 2,677,850.
Brace, George A. 2,684,127, 2,684,125, 2,684,128, 2,684,271.
Comprubi, Bartholomew.
Cropley, William D.
Cuddeback, Nelson C. 2,688,343.
Daiger, George P. 2,677,845.
Gerber, Dale C. 2,673,996.
Gerber, Dale C. 2,677,869.
Gerber, Dale C. 2,682,604.
Gerber, Dale C. 2,683,829.
Gerber, Dale C., and Binggely. 2,677,907.
Gerber, Dale C., and Binggely. 2,678,375.
Gerber, Dale C., Swann, and Seck. 2,687,284.
Gross, Alfred G. 2,684,427.
Horvath, Anthony G. 2,696,160.
Humphrey, Warren A. 2,686,331.
Humphrey, Warren A. 2,691,791.
Humphrey, Warren A. 2,691,792.
Humphrey, Warren A., and Gerber.
Kaufman, George E. 2,677,849.
Kirsch, Carl W. 2,678,245.
Kitto, William H. 2,677,848.
Kohl, Erhard O. 2,683,884.
La Briere, Nelson W.
Reid, Carl R. 2,683,860.
Ripple, Melvin H. 2,683,888, 2,684,413.
Ripple, Melvin H. 2,690,330.
Ripple, Melvin H. 2,693,211.
Seck, Werner G. 2,689,969.
Seck, Werner G. 2,695,631.
Segesman, Louis E. 2,677,846.
Segesman, Louis E. 2,688,671.
Sirvis, Genrik S. 2,681,465.
Smellie, Donald G. 2,677,847.
Swann, Edward R. 2,686,962.
Tamm, Emil S. 2,690,513.
Vance, John E. 2,674,340.
Vance, John E. 2,688,148.
Vance, John E. 2,693,001.
Vance, John E. 2,693,542.
White, Harry B. 2,674,002.
White, Harry B. 2,695,798.
Wilson, Herbert W.
- Hoover, John D. 2,684,526, Cl. 29—401.
- Hoover, Keith S., and B. E. Anderson, to A. B. Dick Co. 2,693,426, Cl. 117—35.5.
- Hoover, Merle V., Mountville, Pa., assignor to Radio Corporation of America. Decoupling system. 2,673,952, Mar. 30.
- Hoover, Vaino A., Los Angeles, Calif. Torque limiting clutch. 2,668,426, Feb. 9.
- Hoover (Washing Machines) Limited, assignee: *See*—
Bell, William C., and Curry.
- Hope, Ernest, to United Shoe Machinery Corp. 2,687,826, Cl. 221—209.
- Hope, William D., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Coupling for coaxial cables. 2,671,127, Mar. 2.
- Hopff, Heinrich, and H. Spaenig, assignors to Badische Anilin- & Soda-Fabrik Aktiengesellschaft, Ludwigshafen (Rhine), Germany. Nonhygroscopic choline salts. 2,666,784, Jan. 19.
- Hopff, Heinrich, and O. von Schiekh, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,681,361, Cl. 260—500.
- Hopff, Heinrich, and H. Spaenig, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,686,182, Cl. 260—287.
- Hopfield, John J., Bethesda, Md. Deformable microleak valve. 2,665,876, Jan. 12.
- Hopfield, John J., Bethesda, Md., assignor to the United States of America as represented by the Secretary of the Navy. Container having a distortable flow control means. 2,666,545, Jan. 19.
- Hopkes, Henry, Jr., to No-Sag Spring Co. 2,685,328, Cl. 155—179.
- Hopkin, Donald E.: *See*—
Gwinn, Myron B., and Hopkin. 2,674,974.
- Hopkins Agricultural Chemical Co.: *See*—
Hopkins, James D. 2,683,953.
- Hopkins, Boyd R., and W. H. Hickok, to National Cylinder Gas Co. 2,684,432, Cl. 219—10.49.
- Hopkins, Clarence N. 2,682,312, Cl. 181—47.
- Hopkins, Cyril J.: *See*—
Smith, Arthur R., Lee, and Hopkins. 2,679,375.
- Hopkins, Durward K., to Peoria Steel and Wire Co. 2,683,790, Cl. 219—4.
- Hopkins, Edwin F., and K. W. Loucks. 2,674,537, Cl. 99—222.
- Hopkins, Ellis W., assignor of $\frac{1}{2}$ to A. C. Buck. 2,674,253, Cl. 135—50.
- Hopkins, Fay R. 2,688,836, Cl. 56—251.
- Hopkins, Frank L.: *See*—
Kindseth, Harold V., and Hopkins. 2,674,366.
Kindseth, Harold V., and Hopkins. 2,681,133.
Kindseth, Harold V., and Hopkins. 2,683,435.
- Hopkins, George M., assignee: *See*—
Bell, William B.
- Hopkins, George W., San Leandro, E. A. Davis, and G. Zickler, Castro Valley, Calif., assignors to Friden Calculating Machine Co., Inc. Dividend-divisor aligning mechanism. 2,666,580, Jan. 19.
- Hopkins, George W., and A. J. Malavazos, to Friden Calculating Machine Co., Inc. 2,681,765, Cl. 235—63.
- Hopkins, George W., and D. L. Rolph, to Friden Calculating Machine Co., Inc. 2,681,766, Cl. 235—79.
- Hopkins, George W., A. J. Malavazos, and D. L. Rolph, to Friden Calculating Machine Co., Inc. 2,681,767, Cl. 235—79.
- Hopkins, George W., and J. E. Grobl, to Friden Calculating Machine Co., Inc. 2,687,254, Cl. 235—63.
- Hopkins, Herbert S.: *See*—
Willis, Hilary B., and Hopkins. 2,686,155.
- Hopkins, James D., to Hopkins Agricultural Chemical Co. 2,683,953, Cl. 43—131.
- Hopkins, Lionel P., to the United States of America as represented by the Secretary of the Army. 2,681,393, Cl. 200—8.
- Hopkins, Marion D.: *See*—
Moore, Arthur J., Hopkins, and Johnson. 2,693,842.
- Hopkins, Robert K., to The M. W. Kellogg Co. 2,694,023, Cl. 148—26.
- Hopkins, Robert M.: *See*—
Diehl, Gordon H., and Hopkins. 2,676,649.
- Hopkins, Ruth H., and R. E. Reed, to The Gillette Co. 2,682,272, Cl. 132—41.
- Hopkins, Thomas H. M., Sea Island, Vancouver, and G. Bauernfeind, Richmond, Vancouver, assignors to And-hop Patents Limited, Victoria, British Columbia, Canada. Baiting machine. 2,670,556, Mar. 2.
- Hopkins, William C. N. 2,693,589, Cl. 340—98.
- Hopkinson, Mark L., assignor to Pneumatic Loom Development Corp. 2,677,933, Cl. 60—57.
- Hopley, Horace E.: *See*—
Beale, Charles E., and Hopley.
- Hopmann, Arthur E. 2,691,909, Cl. 81—3.46.
- Hoppe, Nils F.: *See*—
Holm, Hans F., and Hoppe. 2,688,314.
Holm, Hans F., and Hoppe. 2,689,548.
- Hoppe, Rudolf H.: *See*—
Gleason, Gus M., Jr., and Hoppe. 2,693,030.
- Hoppenjans, Bernard J. 2,686,577, Cl. 189—7.
- Hopper, Philip S., to United Aircraft Corp. 2,696,345, Cl. 230—115.
- Hoppes, Lloyd G.: *See*—
Waldorf, Samuel E., and Hoppes. 2,684,785.
- Hopton, Alan: *See*—
Russell, Alexander, Hopton, and Carter.
- Hopton, Alan, and A. Russell, to The Forgrove Machinery Co. Ltd. 2,683,520, Cl. 198—30.
- Hopwood, Charles E., and R. L. Winkler, assignors to Bethlehem Steel Company. 2,674,941, Cl. 101—212.
- Horahan, John F.: *See*—
Falk, Joseph, and Horahan. 2,685,363.
- Horbach, Stephen. 2,686,883, Cl. 310—39.
- Horbach, William B., Irvington, F. Berardinelli, Newark, and W. D. Paist, Berkeley Heights, N. J., assignors to Celanese Corporation of America, New York, N. Y. Thermoplastic composition plasticized with monopropyl dixylyl phosphate. 2,668,119, Feb. 2.
- Horbach, William B., Irvington, F. Berardinelli, South Orange, and W. D. Paist, Berkeley Heights, N. J., assignors to Celanese Corporation of America, New York, N. Y. Monopropyl dixylyl phosphate and process. 2,668,174, Feb. 2.
- Horbach, William B., and G. M. Moelter, to Celanese Corp. of America. 2,689,800, Cl. 106—186.
- Horch, George F. 2,676,411, Cl. 33—140.
- Hord, Joseph B., Maxton, N. C. Hose attachment. 2,670,475, Mar. 2.
- Hord, Paul E., Tebbetts, Mo. Vending machine. 2,665,184, Jan. 5.
- Horeczy, Joseph T., and H. G. Boynton, to Standard Oil Development Co. 2,690,460, Cl. 260—676.
- Horgan, George D., to American Machine & Foundry Co. 2,692,022, Cl. 164—68.
- Horizons Titanium Corp.: *See*—
Cardon, Samuel Z., and Wainer. 2,694,617.
Sibert, Merle E., and Carlton. 2,681,849.
Sibert, Merle E., and Carlton. 2,681,850.
Sibert, Merle E., and Carlton. 2,681,851.
Wainer, Eugene. 2,694,616.
Wainer, Eugene, and Cardon.
Wainer, Eugene, Steinberg, and Sibert. 2,698,221.
Wainer, Eugene, Steinberg, and Topinka. 2,681,847.
Wainer, Eugene, Steinberg, and Topinka. 2,681,848.
- Horky, Edward J., Rolling Hills, Calif., assignor to North American Aviation, Inc. Balanced control surface. 2,666,603, Jan. 19.

- Horiacher, Herman, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Overarm deflection compensator. 2,665,613, Jan. 12.
- Horiacher, Herman, to The Cincinnati Milling Machine Co. 2,696,145, Cl. 90—21.
- Horiack, Erich. 2,693,597, Cl. 2—8.
- Hörlein, Hans U., H. Andersag, and H. Timmler, to Schenley Industries, Inc. 2,691,023, Cl. 260—288.
- Hörlein, Hans U., H. Andersag, and H. Timmler, to Schenley Industries, Inc. 2,691,024, Cl. 260—288.
- Hormann, Frank R., Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Producing rubber covered valve stem with compensating bushing. 2,669,753, Feb. 23.
- Horn, Charles L., and P. De Jarlais, to Hoffman Engineering Corp. 2,683,515, Cl. 192—134.
- Horn, Clarence F.: *See*—
- Cramer, William J., Jr., Horn, and Lizer. 2,684,586.
- Horn, Fordyce H., and R. L. Neubauer, to General Electric Co. 2,686,212, Cl. 13—27.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel cover. 2,669,487, Feb. 16.
- Horn, Harry J., assignor to Motor Wheel Corporation. 2,679,304, Cl. 188—218.
- Horn, Harry J., and F. A. Frederick, to Motor Wheel Corp. 2,684,879, Cl. 308—46.
- Horn, Joseph G.: *See*—
- Eckman, Donald P., and Horn. 2,675,819.
- Horn, Otto: *See*—
- Hahn, Hans-Joachim, and Horn. 2,676,939.
- Horn, Thurman W. 2,697,323, Cl. 56—295.
- Horn, Walter J., Fort Dodge, Iowa, assignor, by mesne assignments, to The Brunswick-Balke-Collender Company, Chicago, Ill. Foldable platform stage. 2,668,331, Feb. 9.
- Horn, Willi, to Ernst Leitz, G. m. b. H. 2,694,340, Cl. 88—39.
- Horn, William D., and J. R. Ragazzini, said Ragazzini assignor to said Horn. 2,678,382, Cl. 250—2.
- Hornaday, James R.: *See*—
- Tenney, Raymond M., Hornaday, and Reeves.
- Hornaday, James R., North Muskegon, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Condenser for refrigerating systems. 2,667,762, Feb. 2.
- Hornback, Frederick T. 2,689,357, Cl. 9—17.
- Hornbostel, Lloyd: *See*—
- Goodwillie, John E., and Hornbostel.
- Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Suction press assembly. 2,672,078, Mar. 16.
- Hornbostel, Lloyd, assignor to Beloit Iron Works. 2,677,992, Cl. 92—44.
- Hornbostel, Lloyd, to Beloit Iron Works. 2,686,463, Cl. 92—49.
- Hornbostel, Lloyd, to Beloit Iron Works. 2,688,905, Cl. 92—44.
- Hornbostel, Lloyd, to Beloit Iron Works. 2,694,345, Cl. 92—44.
- Hornbostel, Lloyd, to Beloit Iron Works. 2,694,347, Cl. 92—49.
- Hornbostel, Lloyd, to Beloit Iron Works. 2,696,148, Cl. 92—49.
- Hornbostel, Lloyd, to Beloit Iron Works. 2,696,149, Cl. 92—49.
- Hornbruch, Frederick W.: *See*—
- Osterman, Philip C., and Hornbruch.
- Hornbruch, Frederick W., Roselle Park, and F. C. Schaefer, Westfield, assignors to American Gas Furnace Company, Elizabeth, N. J. Movable hearth muffle furnace. 2,671,654, Mar. 9.
- Horne, Ian M.: *See*—
- Titus, Elwin S., and Horne. 2,687,269.
- Horne, James Q., Jr., Winsted, Conn. Drying basket for silverware. 2,666,549, Jan. 19.
- Horner, John F., to Pan American Refining Corp. 2,688,866, Cl. 73—17.
- Horney, Fredrik, and W. P. S. Persson, assignors, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. 2,678,194, Cl. 257—6.
- Hornfeck, Anthony J.: *See*—
- Markow, George R., and Hornfeck. 2,696,604.
- McEvoy, James E., and Hornfeck. 2,685,203.
- Hornfeck, Anthony J., Lyndhurst, Ohio, assignor to Bailey Meter Company. Electric calculating circuits. 2,665,066, Jan. 5.
- Hornfeck, Anthony J., to Bailey Meter Co. 2,689,088, Cl. 236—15.
- Hornfeck, Anthony J., to Bailey Meter Co. 2,689,339, Cl. 340—187.
- Hornfeck, Anthony J., to Bailey Meter Co. 2,689,477, Cl. 73—190.
- Hornfeck, Anthony J., to Bailey Meter Co. 2,689,932, Cl. 318—28.
- Hornfeck, Anthony J., Lyndhurst, Ohio, J. F. Luhrs, Colonie, N. Y., and J. P. Smith, Birmingham, Mich., assignors to Bailey Meter Company. Telemetering system. 2,672,598, Mar. 16.
- Hornish, Mars M., to The Curtiss Candy Co. 2,695,729, Cl. 221—79.
- Hornreich, Samuel. 2,676,378, Cl. 24—178.
- Hornreich, Samuel. 2,676,379, Cl. 24—178.
- Hornsby, Grover J., ½ to B. H. Staats. 2,687,276, Cl. 251—113.
- Hornschurch, Hanns, assignor to Ingersoll-Rand Company. 2,679,414, Cl. 287—117.
- Horowitz, Alexandre, and H. H. L. Strijbos, Amersfoort, assignors to N. V. Ontwikkelingsmaatschappij "Polynorm," Amsterdam, Netherlands. Wall structure. 2,671,538, Mar. 9.
- Horrell, Maurice W., to the United States of America as represented by the United States Atomic Energy Commission. 2,685,670, Cl. 322—32.
- Horrocks, Walter E., Lakewood, Ohio. Container. 2,665,029, Jan. 5.
- Horrocks, Walter E. 2,680,384, Cl. 74—560.
- Horrocks, Walter E. 2,687,828, Cl. 222—83.
- Horrocks, Walter E. 2,687,829, Cl. 222—83.
- Horsch, Stanley J., and L. O. Hole, Detroit, Mich. Vending machine. 2,673,135, Mar. 23.
- Horsdal, Paul. 2,689,651, Cl. 210—155.
- Horst, Russel J.: *See*—
- Hixson, Arthur N., and Horst. 2,697,650.
- Horste, Joseph E. 2,686,571, Cl. 180—74.
- Horstmann, Roy J., to Jefferson Electric Co. 2,683,242, Cl. 315—126.
- Hortenstine, Albert W. 2,685,816, Cl. 88—14.
- Hortman, Harvey E., Jr., and C. R. Turner, to Proctor Electric Co. 2,697,156, Cl. 200—153.
- Horton, Clifford W.: *See*—
- Smith, Harry P., Jr., and Horton. 2,696,987.
- Horton, Erwin C., to Trico Products Corp. 2,684,632, Cl. 103—50.
- Horton, Erwin C., to Trico Products Corp. 2,691,789, Cl. 15—253.
- Horton, Horace M., Gravette, Ark. Mailbox signal. 2,668,657, Feb. 9.
- Horton, Paul V., Chevy Chase, Md., assignor to Plax Corporation, Hartford, Conn. Treating polyethylene and coated product. 2,668,134, Feb. 2.
- Horton, Ralph, Groton, Conn., and N. E. Spiess, Jr., Oakdale, and K. R. Weaver, Bellport, assignors to National Dairy Research Laboratories, Inc., Oakdale, N. Y. Pumping mechanism. 2,664,829, Jan. 5.
- Horton, Roger F., Hempstead, N. Y., assignor to United Aircraft Corporation, East Hartford, Conn. Support ring mounting for rotary radial piston pumps or motors. 2,673,526, Mar. 30.
- Horvat, Joseph E. 2,686,638, Cl. 242—56.
- Horvath, Alexander. 2,684,002, Cl. 81—3.5.
- Horvath, Anthony G., to The Hoover Co. 2,696,160, Cl. 99—329.
- Horvath, Lad G., to Acme Steel Co. 2,695,139, Cl. 242—68.
- Horvay, Julius B.: *See*—
- Janos, Alfred G., and Horvay.
- Horwich, Theodore, assignor to General Felt Products Co., Chicago, Ill. Floor-covering cushion. 2,669,527, Feb. 16.
- Horwitz, David R.: *See*—
- Bruesewitz, Arnold T., and Horwitz. 2,678,670.
- Horwitz, Leo, Chicago, Ill. Luggage and making same. 2,672,224, Mar. 16.
- Horwitz, Tolly. 2,682,383, Cl. 248—31.
- Hory, Albert J., Detroit, Mich. Sheet delivering apparatus. 2,669,455, Feb. 16.
- Hosack, Gerald C., to W. S. Cloud. 2,697,901, Cl. 53—89.5.
- Hosbein, Louis H., assignor to M. H. Detrick Company. 2,674,871, Cl. 72—101.
- Hoschle, Adolf, and F. Dietrich. 2,686,477, Cl. 103—44.
- Hosemann, Rolf, to Licentia Patent-Verwaltungs-G. m. b. H. 2,683,223, Cl. 250—99.
- Hosemaster Machine Company Limited, assignee: *See*—
- Wickardt, Kurt W. 2,674,865.
- Wickardt, Kurt W., and Stoekel. 2,680,364.
- Hosey, Harry A. 2,686,346, Cl. 24—102.
- Hosfield, Lee C., Parma, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for making heat sealed ruffled articles. 2,666,472, Jan. 19.
- Hosford, William F.: *See*—
- Odum, William H., and Hosford. 2,678,071.
- Odum, William H., and Hosford. 2,686,582.
- Hosking, L. K., Inc., assignee: *See*—
- Hosking, Oakley W. 2,679,654.
- Hosking, Oakley W., assignor to L. K. Hosking, Inc. 2,679,654, Cl. 7—1.
- Hosking, Thomas W., assignor to Briggs Manufacturing Co. 2,680,647, Cl. 296—137.
- Hospe, Paul R. 2,695,486, Cl. 56—26.
- Hospers, John J., assignor, by mesne assignments, to Chance Vought Aircraft, Incorporated. 2,675,197, Cl. 244—110.
- Hospital Picture Service Corporation, assignee: *See*—
- Clark, Robert B. 2,679,790.
- Hoss, Robert L. 2,685,038, Cl. 250—83.6.
- Host, Vera, Cambridge, Mass. Fastener and holder therefor. 2,673,351, Mar. 30.
- Hosterman, Frederick O.: *See*—
- Gerwig, Harvey F., Jameson, Franklin, and Hosterman. 2,684,764.
- Hostettler, Ernst, Zurich, Switzerland. Mudguard indicator for vehicles, particularly automobiles. 2,665,095, Jan. 5.
- Hotson, Dale V., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Power factor regulator with undervoltage protection. 2,672,585, Mar. 16.
- Hott, Ion V. K., and R. J. Haddix, to The Joyce-Cridland Co. 2,681,077, Cl. 137—636.

- Hott, Ion V. K., and K. E. Berk, to The Joyce-Cridland Co. 2,690,235, Cl. 187—8.75.
- Hotten, Bruce W., to California Research Corp. 2,698,300, Cl. 252—47.5.
- Hotten, Bruce W., and R. J. Houston, assignors to California Research Corporation. 2,680,095, Cl. 252—42.1.
- Houck, Gladden B., Jr., Port Chester, N. Y., assignor to General Precision Laboratory Incorporated. Monocyclic square discriminator. 2,671,851, Mar. 9.
- Houck, Gladden B., Jr., assignor to General Precision Laboratory Incorporated. 2,679,621, Cl. 318—29.
- Houck, Gordon H., and M. Hansen, assignors to Deere Manufacturing Co. 2,676,849, Cl. 301—1.
- Houdaille-Hershey Corp.: *See—*
- Buchanan, Hugh.
- Chisholm, Harry L., Jr.
- De Lancey, Warren H., Pond, and Chisholm.
- Fuente, Benjamin. 2,693,003.
- Hempe, Arthur R., Jr. 2,680,472.
- Hufford, George H., and O'Connor. 2,678,607.
- Jandus, Herbert S. 2,694,945.
- Moore, Arthur J., Hopkins, and Johnson. 2,693,842.
- O'Connor, Bernard E. 2,687,047.
- Powell, Burnet J. 2,682,178.
- Rapp, George M. 2,681,796.
- Sandberg, Ray A. 2,691,608.
- Schatzman, George W. 2,686,062.
- Schwarz, Richard J.
- Sebok, Frank. 2,681,123.
- Sebok, Joseph B. 2,681,120.
- Sebok, Joseph B. 2,691,424.
- Sebok, Joseph B. and F. 2,680,899.
- Sebok, Joseph B. and F. 2,691,426.
- Strauss, John N. 2,685,888.
- Strauss, John N. 2,691,387.
- Strauss, John N., and Cuffe. 2,676,614.
- Houdek, Robert J., to Western Electric Co., Inc. 2,693,749, Cl. 98—115.
- Houdry, Eugene J., assignor to Oxy-Catalyst, Inc. 2,674,521, Cl. 23—288.
- Houdry, Eugene J. 2,695,893, Cl. 252—451.
- Houdry Process Corp.: *See—*
- Burtis, Theodore A. 2,695,197.
- Burtis, Theodore A., and Shabaker. 2,675,275.
- Daniel, Richard M. 2,690,955.
- Evans, James E. 2,697,654.
- Heinemann, Heinz. 2,692,224.
- Heinemann, Heinz. 2,692,293.
- King, Alfred S., and Cross.
- Kirkbride, Chalmer G. 2,676,852.
- Lebeis, Edward H., Jr.
- Milliken, Thomas H., Jr. 2,688,002.
- Mills, George A. 2,683,683.
- Myers, George D. 2,694,036.
- Newman, Julian. 2,697,640.
- Norris, David E. 2,683,109.
- Oblad, Alex G., Milliken, and Heinemann. 2,676,907.
- Oblad, Alex G., and Heinemann. 2,692,846.
- Parker, Charles S., and Shirk. 2,678,874.
- Shabaker, Hubert A.
- Shirk, Robert M. 2,677,602.
- Weinrich, William W.
- Hough, Frank G., Co., The: *See—*
- Beyerstedt, Ralph L. 2,690,848.
- Hough, George H., and T. M. Jackson, to International Standard Electric Corp. 2,686,273, Cl. 313—190.
- Hought, James E., Eugene, Oreg. Combined hoist and pouring stand for containers. 2,670,864, Mar. 2.
- Houghton, Daniel E.: *See—*
- Shaffer, Thomas N., and Houghton. 2,675,952.
- Houghton, Edward W., to Bell Telephone Laboratories, Inc. 2,697,208, Cl. 333—33.
- Houghton, George E., to The Garlock Packing Co. 2,688,895, Cl. 87—6.
- Houghton, William D., assignor to Radio Corporation of America. 2,674,650, Cl. 178—5.4.
- Houghton, William D., to Radio Corp. of America. 2,681,992, Cl. 250—36.
- Houghton, William M.: *See—*
- Linderoth, Lambert S., Houghton, and Edgar. 2,679,699.
- Houghton, William M., to United Shoe Machinery Corp. 2,686,976, Cl. 34—41.
- Houghton, William M., to United Shoe Machinery Corp. 2,692,539, Cl. 93—88.
- Houlton, Harold G.: *See—*
- Andrews, Herbert W., Carpenter, and Houlton.
- Hounsell, James R. 2,696,063, Cl. 43—87.
- Hourrutiner, Ramon. 2,689,604, Cl. 155—189.
- House, Allston L.: *See—*
- Diehl, Walter H., and House. 2,697,307.
- House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake shoe return spring. 2,671,535, Mar. 9.
- House, R. L., assignee: *See—*
- Winn, Welton B. 2,677,717.
- House, Ralph: *See—*
- Darragh, John L., and House. 2,679,533.
- House, William C. 2,690,151, Cl. 113—116.
- Housekeeper, Earl J., R. H. Hunter, and C. J. Braun, Wooster, assignors, by mesne assignments, to The Fyfe-Fyter Company, Dayton, Ohio. Control valve for fire hose lines. 2,665,879, Jan. 12.
- Housh, C. N., assignee: *See—*
- Housh, Cecil N., Robishaw, Fair, and Mansfield. 2,676,033.
- Housh, Cecil N., A. P. Robishaw, O. F. Fair, and N. H. Mansfield, said Robishaw, said Fair and said Mansfield, assignors to C. N. Housh. 2,676,033, Cl. 280—438.
- Houston Engineers, Inc.: *See—*
- Carothers, William F., and Clark. 2,694,451.
- Houston-Fearless Corp., The: *See—*
- Dalton, Bruce H.
- Marco, Earl C., and Boardman. 2,681,991.
- Houston, James C. 2,680,596, Cl. 255—52.
- Houston Oil Field Material Co., Inc.: *See—*
- Bender, John C. 2,686,039.
- Brock, Maurice C. 2,695,632.
- Claypool, Robbins M., and Best.
- Medders, Weldon L. 2,681,821.
- Shelton, Leonard L.
- Storm, Lynn W. 2,680,005.
- Houston, Robert J.: *See—*
- Hotten, Bruce W., and Houston. 2,680,095.
- Houston, Wesley M.: *See—*
- Duke, James B., and Houston. 2,676,705.
- Houston, Wesley M., Lakeland, Fla., assignor to Attapul-gus Minerals & Chemicals Corporation. Production of phosphate furnace feed. 2,668,617, Feb. 9.
- Houtz, Ray C.: *See—*
- Wittbecker, Emerson L., and Houtz. 2,685,573.
- Houvenner, Russell W.: *See—*
- Zenner, George H., and Houvenner.
- Hovde, Arne J., Fairview Park, and W. E. Brill, Cleveland, Ohio, assignors to General Motors Corporation, Detroit, Mich. Engine cooling system. 2,669,978, Feb. 23.
- Hövel, Josef: *See—*
- Flatz, Emil, and Hövel. 2,691,366.
- Flatz, Emil, Hövel, and Cordier. 2,687,714.
- Hoven, Alfred C., and W. E. Nordmark, assignors to Amer-ican Seating Company, Grand Rapids, Mich. Cushion construction. 2,669,291, Feb. 16.
- Hoven, Alfred C., W. E. Nordmark, N. C. Poel, and D. N. Humphries, to American Seating Co. 2,681,100, Cl. 155—124.
- Hovey, C. Earl: *See—*
- Manley, Warren O. 2,688,242.
- Hovey, Frank T., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making curing bags. 2,666,007, Jan. 12.
- Hovgard, Paul E. 2,698,147, Cl. 244—7.
- Hovis, Bill B. 2,694,427, Cl. 150—28.
- Hovis, Ray. 2,697,004, Cl. 296—97.
- Hovland, Roger M., Colfax, Wis., assignor to Swift & Company, Chicago, Ill. Sausage stuffing and molding device. 2,669,749, Feb. 23.
- Hovnanian, Hrair P. 2,690,076, Cl. 73—170.
- How, Harlan: *See—*
- Armstrong, Lowell, Willoughby, Morton, and How.
- Howald, Arthur M., Perrysburg, Ohio, assignor, by mesne assignments, to Allied Chemical & Dye Corporation, New York, N. Y. Preparation of improved polymerizable unsaturated polyester compositions and polymerized material therefrom. 2,665,263, Jan. 5.
- Howard, Ben O. 2,681,776, Cl. 244—45.
- Howard, Charles W.: *See—*
- Ford, Jesse A., and Howard. 2,695,414.
- Howard, Donald A. 2,694,431, Cl. 152—225.
- Howard, Edson J.: *See—*
- Boeck, Gunther A., and Howard.
- Boeck, Gunther A., and Howard. 2,684,602.
- Howard, Edward G., Jr., assignor to E. I. du Pont de Nemours and Company. 2,675,400, Cl. 260—431.
- Howard, Edward G., Jr., to E. I. du Pont de Nemours and Co. 2,683,140, Cl. 260—88.7.
- Howard, Edward G., Jr., to E. I. du Pont de Nemours and Co. 2,686,775, Cl. 260—88.7.
- Howard, Elaine G. 2,682,932, Cl. 188—5.
- Howard, Everett W., to The M. W. Kellogg Co. 2,696,461, Cl. 196—52.
- Howard, Everett W., Glen Rock, and J. B. Osborne, South Orange, N. J., and H. P. Wickham, Upper Brookville, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Refining catalyst laden hydrocarbons. 2,665,239, Jan. 5.
- Howard Forrest H. 2,682,437, Cl. 311—6.
- Howard, Frank A., to Standard Oil Development Co. 2,688,534, Cl. 48—190.
- Howard, Frank L., N. E. Caroselli, and A. W. Feldman; said Caroselli assignor to F. A. Bartlett Tree Expert Company, and said Howard and said Feldman assignors to The Board of Trustees of Rhode Island State Colleges. 2,677,636, Cl. 167—14.
- Howard, Frank L., N. E. Caroselli, and A. W. Feldman; said Caroselli assignor to F. A. Bartlett Tree Expert Company, and said Howard and said Feldman assignors to The Board of Trustees of Rhode Island State Colleges. 2,677,637, Cl. 167—14.
- Howard, Frank L., N. E. Caroselli, and A. W. Feldman; said Caroselli assignor to F. A. Bartlett Tree Expert Company, and said Howard and said Feldman assignors to The Board of Trustees of Rhode Island State Colleges. 2,677,638, Cl. 167—14.

- Howard, Frank L., N. E. Caroselli, and A. W. Feldman: said Caroselli assignor to F. A. Bartlett Tree Expert Company, and said Howard and said Feldman assignors to The Board of Trustees of Rhode Island State Colleges. 2,677,639, Cl. 167—14.
- Howard, Frank S., Chicago, Ill., assignor to Birtman Electric Company. Fiber cutter for suction cleaners. 2,666,570, Jan. 19.
- Howard, George C.: *See*—
Brainerd, Harold W., Jr., Fast, and Howard. 2,689,009.
- Howard, George C., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Well completion process. 2,667,224, Jan. 26.
- Howard, Hartley: *See*—
Stuart, Gerald H., Howard, Watson, Clickner, and Sommer. 2,682,469.
- Howard, Hartley W., Hastings-on-Hudson, and R. J. Block, Scarsdale, N. Y., and H. E. Sevall, Elgin, Ill., assignors to The Borden Company, New York, N. Y. Milk protein food product and process. 2,665,989, Jan. 12.
- Howard, Jack E., 2,676,784, Cl. 254—17.
- Howard, James H., and P. R. Mills, assignors to Camco, Incorporated, Houston, Tex. Flow valve. 2,668,553, Feb. 9.
- Howard, Janette A., Bronxville, N. Y. Filter for cigarette holders. 2,670,742, Mar. 2.
- Howard, Jesse C.: *See*—
Fahnestock, Frank C., Shambaugh, and Howard. 2,697,685.
- Howard, John G., and R. H. Thomas, assignors to The Pyle-National Company, Chicago, Ill. Corrosion-resisting flexible connector. 2,666,657, Jan. 19.
- Howard, Kenneth C. 2,696,960, Cl. 244—153.
- Howard, Kenneth C., H. E. McGowen, Jr., and H. H. Moore, Jr., assignors to Sid W. Richardson Inc. 2,679,904, Cl. 166—1.
- Howard, Leonard, assignor to Hardware Products Company. 2,680,334, Cl. 51—187.
- Howard, Lewis S. 2,688,292, Cl. 112—102.
- Howard, Marion E., and D. Winebaugh. 2,679,403, Cl. 280—154.5.
- Howard, Oliver W., assignor of twenty-five per cent to W. L. Byrd, Abilene, Tex. Variable-speed control motor mount. 2,669,404, Feb. 16.
- Howard, Paul L.: *See*—
Denison, Irving A., and Howard. 2,681,376.
- Howard, Posy A. 2,694,130, Cl. 219—8.
- Howard, Robert E.: *See*—
Alt, Arthur, and Howard. 2,674,628.
- Howard, Robert R., and H. M. Wilcox, assignors to R. M. Hollingshead Corporation. 2,675,363, Cl. 260—30.4.
- Howard, Russell B., Putney, Vt. Pipe expander. 2,672,175, Mar. 16.
- Howard, Stanley R., assignor to Pneumatic Scale Corporation, Limited. 2,676,009, Cl. 265—6.
- Howard, Stanley R., assignor to Pneumatic Scale Corporation, Limited. 2,678,185, Cl. 249—17.
- Howard, Thomas P., to Pneumatic Scale Corp., Ltd. 2,697,580, Cl. 249—2.
- Howard, Thyra G. 2,695,343, Cl. 200—61.29.
- Howard, Walter F. 2,679,125, Cl. 43—102.
- Howard, Wilford, to Central Fibre Products Co., Inc. 2,686,555, Cl. 154—31.
- Howarth, Arthur A.: *See*—
Massey, Bernard S., Bush, and Howarth. 2,696,975.
- Howarth, Harry A. S., to the United States of America as represented by the Secretary of the Army. 2,682,934, Cl. 188—77.
- Howarth, Peter F. W., assignor to The Colonial Sugar Refining Company Limited. 2,677,667, Cl. 252—420.
- Howarth, Stanley W. 2,683,976, Cl. 69—26.
- Howden, James, & Co., Ltd.: *See*—
Ramsay, Alexander.
- Ulander, Per H. N. 2,683,023.
- Howden, James W.: *See*—
Chavannes, Marc A., and Howden.
- Howle, Frederic E., and T. B. Jochem, to Cutler-Hammer, Inc. 2,683,195, Cl. 200—61.18.
- Howe-Baker Corp.: *See*—
Hanson, Gordon B. 2,692,764.
- Howe, Blanche L., South Bend, Ind. Dressmaker's foundation and guide. 2,666,558, Jan. 19.
- Howe, Charles P. 2,674,198, Cl. 103—204.
- Howe, Charles P. 2,674,200, Cl. 103—221.
- Howe, Donald J., to Eastman Kodak Co. 2,691,580, Cl. 95—5.
- Howe, Earl E. Re. 23,826, Cl. 10—86.
- Howe, Elra F. 2,675,023, Cl. 137—614.11.
- Howe, Elra F., assignor to J. P. Graf. 2,676,666, Cl. 182—1.
- Howe, Eugene E., and I. Putter, assignors to Merck & Co., Inc. 2,680,744, Cl. 260—309.
- Howe, Everett W., Cranston, R. I., H. E. Cooper, Pelham, and O. F. Homeier, Baldwin, assignors to United States Rubber Company, New York, N. Y. Molding apparatus. 2,672,652, Mar. 23.
- Howe, Frank D., Cuyahoga Falls, Ohio. Gas valve. 2,669,255, Feb. 16.
- Howe, Herbert E.: *See*—
Smith, Albert A., Jr., and Howe. 2,695,845.
- Howe, Spencer D., to The Atlantic Refining Co. 2,696,972, Cl. 255—19.
- Howe Twister Corporation, assignee: *See*—
Ublig, Henry C.
- Howell, Alleyne C., Jr., 23% to J. Redington, 20% to T. J. L. Redmond, and 8% to G. A. Helmer. 2,685,985, Cl. 222—134.
- Howell, Charles A., to The Pharma-Craft Corp. 2,693,983, Cl. 299—95.
- Howell, F. M., & Co., assignee: *See*—
Taylor, Harwood S., Jr.
- Howell, Hugh A., to Oak Mfg. Co. 2,698,366, Cl. 200—90.
- Howell, Richard B., assignor to The Kendall Corporation, Milwaukee, Wis. Child's dish holder. 2,666,612, Jan. 19.
- Howell, Richard G., and E. E. Hawley, said Howell assignor to said Hawley. 2,677,954, Cl. 70—456.
- Howell, Robert J.: *See*—
Jacob, Mark I., and Howell. 2,679,581.
- Howell, Robert V., assignor to Tok, Inc. 2,680,393, Cl. 80—27.
- Howell, Robert V. 2,684,695, Cl. 143—43.
- Howell, Roy E., assignor to United States Steel Corporation. 2,677,652, Cl. 204—28.
- Howell, Vernon W., Albany, Calif. Tide-operated power plant. 2,668,918, Feb. 9.
- Howell, William C., Jr.: *See*—
Jennings, Louis A., Schlaer, and Howell. 2,683,120.
- Howell, William D.: *See*—
Moody, Norman F., and Howell. 2,691,100.
- Howell, William F., assignor of 1/2 to D. B. McGregor. 2,679,071, Cl. 19—58.
- Howell, William N.: *See*—
Rudge, Alfred J., Hill, and Howell. 2,684,940.
- Howell, William N., and H. Hill, to Imperial Chemical Industries Ltd. 2,693,445, Cl. 204—60.
- Howell, William R., Middletown, assignor, by mesne assignments, to Eastern Metals Research Co., Inc., New York, N. Y. Self-winding reel. 2,673,694, Mar. 30.
- Howell, William S., Minneapolis, Minn., and J. V. Irwin, Madison, Wis., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Apparatus for speech instruction. 2,664,649, Jan. 5.
- Hower, Paul A., to the United States of America as represented by the Secretary of the Navy. 2,686,294, Cl. 324—79.
- Hower, Russell E., and A. Kuntz, assignors of one-third to J. N. Fisher, Dubois, Wyo. Cable connector. 2,669,761, Feb. 23.
- Howerton, Emery E. 2,678,444, Cl. 2—1.
- Howerton, Murlin T., assignor to University of Notre Dame du Lac, Notre Dame, Ind. Polymerization of isobutene with anhydrous sulfur trioxide catalyst. 2,670,393, Feb. 23.
- Howes, Douglas E., to the United States of America as represented by the Secretary of War. 2,697,780, Cl. 250—8.
- Howes, Irving C., and D. J. Grieco, to Davis & Furber Machine Co. 2,695,429, Cl. 19—159.
- Howie, Kenneth, to Wildman Mfg. Co. 2,692,487, Cl. 66—110.
- Howie, Kenneth, to Wildman Mfg. Co. 2,692,488, Cl. 66—110.
- Howland, Louis H., assignor to United States Rubber Company. 2,675,361, Cl. 260—17.4.
- Howland, Louis H., and V. S. Chambers, to United States Rubber Co. 2,681,331, Cl. 260—80.7.
- Howland, William H.: *See*—
Epstein, Leo F., Howland, and Powers. 2,680,071.
- Howlett, John W., assignor of one-half to Wellworthring Piston Rings Limited, Lymington, England. Grinding or honing machine. 2,664,711, Jan. 5.
- Howlett, John W., and H. E. James. 2,683,295, Cl. 22—82.
- Howarth, Sydney A., and T. Scott, Mansfield, England. Fish disgorging. 2,670,561, Mar. 2.
- Howse, Samuel E., to Technicolor Motion Picture Corp. 2,682,478, Cl. 117—17.
- Hoxie, Howard M.: *See*—
Chaney, David W., and Hoxie. 2,687,938.
- Chaney, David W., and Hoxie. 2,688,008.
- Chaney, David W., and Hoxie. 2,688,012.
- Hoxie, Howard M., to American Viscose Corp. 2,681,265, Cl. 18—54.
- Hoxie, Isaac R., Jr., assignor to The Sperry Corporation. 2,680,788, Cl. 179—171.
- Hoya, Wallace K., to Pittsburgh Plate Glass Co. 2,689,233, Cl. 260—23.7.
- Hoyal, Glade D.: *See*—
Broadie, Alfred D., and Hoyal.
- Hoyet, Eugene, and F. F. Painter, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company. Method and apparatus for surfacing glass. 2,673,423, Mar. 30.
- Hoyler, W. Roy, assignee: *See*—
Brown, Tracey E. 2,679,232.
- Hoynes, Dagfin S., Silver Spring, Md. Method and device for interconnecting battery cells. 2,666,800, Jan. 19.
- Hoyt, Clayton R.: *See*—
Kuns, Robert J., and Hoyt. 2,677,170.
- Hoyt, Clyde W., to Radio Corp. of America. 2,698,357, Cl. 178—7.3.
- Hoyt, Clyde W., to Radio Corp. of America. 2,698,358, Cl. 178—7.5.
- Hoyt, Ernest W. 2,687,719, Cl. 128—38.

- Hoyt, Frederick A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector. 2,670,830, Mar. 2.
- Hoyt, Frederick A., to Bell Telephone Laboratories, Inc. 2,691,484, Cl. 232—57.5.
- Hoyt, Herbert L.: *See*—
Schaeffer, Joseph M., and Hoyt. 2,689,361.
- Hoyt, Richard W., and J. H. Smith, to Double Seal Ring Co. 2,688,522, Cl. 309—46.
- Hrebner, Andrew: *See*—
Veschio, Anthony P. 2,681,779.
- Hrebicek, James. 2,696,108, Cl. 73—66.
- Hren, Joseph A. 2,679,327, Cl. 214—140.
- Hrinsin, Nicholas M. 2,681,659, Cl. 135—7.1.
- Hruby, John O., Jr.: *See*—
Harness, Wayne E., and Hruby. 2,688,847.
- Hruby, Marie A. (Heldberg), Sunland, Calif. Personal belt. 2,669,990, Feb. 23.
- Hrushow, Wecheslav K. 2,677,446, Cl. 192—3.
- Hruza, Francis E., Peetz, Colo. Two-level load-platform transporting vehicle. 2,670,217, Feb. 23.
- Hsu, Harry L.: *See*—
Shea, Frederick L., Jr., and Hsu. 2,698,251.
Shea, Frederick L., Jr., and Hsu. 2,698,256.
- Huard, Georges G., Paris, and R. J. E. Roger, Suresnes, France. Motor-driven wheeled toy. 2,668,391, Feb. 9.
- Hubacker, Earl F., and F. L. Tarleton, Muskegon, Mich., assignors to Borg-Warner Corporation, Chicago, Ill. Electrical hinge. 2,665,414, Jan. 5.
- Hubbard, Addison W., M. W. Hill, and R. L. Zapp, to Standard Oil Development Co. 2,684,958, Cl. 260—41.5.
- Hubbard, Albert B., Caldwell, N. J., assignor to General Electric Company. Fluid cooling system. 2,665,560, Jan. 12.
- Hubbard, Arthur R., to United Shoe Machinery Corp. 2,697,237, Cl. 12—14.5.
- Hubbard, Cecil G.: *See*—
Chaplin, Hubert O., Hubbard, and James. 2,681,037.
- Hubbard, David C., to A. B. Chance Co. Re. 23,885, Cl. 174—205.
- Hubbard, David C., and W. L. Hollander, to A. B. Chance Co. 2,692,315, Cl. 200—114.
- Hubbard, Lex W., Jr.: *See*—
Straub, Joseph E., and Hubbard. 2,686,241.
- Hubbard, Stephen S.: *See*—
Veltman, Preston L., and Hubbard. 2,698,062.
- Hubbell, Dean S., assignor to H. H. Robertson Company, Pittsburgh, Pa. Protected metal article. 2,668,348, Feb. 9.
- Hubbell, Dean S., to H. H. Robertson Co. 2,690,399, Cl. 106—290.
- Hubbell, Dean S., to H. H. Robertson Co. 2,690,400, Cl. 106—290.
- Hubbell, Harvey, Long Hill, Conn. Wiring device with rubber compression wire clamp. 2,671,204, Mar. 2.
- Hubbell, Harvey. 2,682,646, Cl. 339—14.
- Hubbell, Harvey. 2,688,735, Cl. 339—61.
- Hubbell, Harvey. 2,690,545, Cl. 339—246.
- Hubbell, Harvey, Long Hill, and H. J. Modrey, Stamford, Conn., assignors to Interlock Corporation, New York, N. Y. Electric switch. 2,671,149, Mar. 2.
- Hubbell, Harvey, and J. F. Healy, assignors to Harvey Hubbell, Incorporated. 2,674,722, Cl. 339—14.
- Hubbell, Harvey, and J. F. Healy, to Harvey Hubbell, Inc. 2,683,864, Cl. 339—14.
- Hubbell, Harvey, Inc.: *See*—
Hubbell, Harvey, and Healy. 2,674,722.
Hubbell, Harvey, and Healy. 2,683,864.
- Hubbell, John P., and H. J. Reinig, to the United States of America as represented by the United States Atomic Energy Commission. 2,697,529, Cl. 214—147.
- Hubbell, Leslie W., to The Ball & Socket Mfg. Co. 2,695,589, Cl. 116—150.
- Hubelmeyer, Edward J., assignor to Nu Label Machine Corporation of New Jersey. 2,680,612, Cl. 270—61.
- Huber, Alfred A., to Industrial Rayon Corp. 2,681,189, Cl. 242—130.
- Huber, Clyde L., to Johnston Testers, Inc. 2,690,227, Cl. 166—165.
- Huber, Dudley A. 2,680,997, Cl. 92—50.
- Huber, J. M., Corp.: *See*—
Lister, Roscoe C. 2,674,474.
Takewell, Robert B., and Selfridge. 2,674,522.
Voet, Andries. 2,690,973.
- Huber, Jennie, administratrix: *See*—
Huber, Ralph L. 2,688,965.
Huber, Ralph L. 2,688,966.
Huber, Ralph L. 2,688,967.
- Huber, Ludwig, and W. Dürr, to Swingfire (Bahamas) Ltd. 2,695,053, Cl. 158—4.
- Huber Manufacturing Company, The, assignee: *See*—
Keeler, Raymond W.
- Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Actuating means for hydraulic motors. 2,673,521, Mar. 30.
- Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Locking means. 2,673,624, Mar. 30.
- Huber, Matthew W., assignor to The New York Air Brake Company. 2,679,206, Cl. 103—5.
- Huber, Matthew W., to The New York Air Brake Co. 2,687,743, Cl. 137—116.5.
- Huber, Ralph L., deceased, by J. Huber, administratrix. 2,688,965, Cl. 128—218.
- Huber, Ralph L., deceased, by J. Huber, administratrix. 2,688,966, Cl. 128—218.
- Huber, Ralph L., to Becton, Dickinson and Co. 2,689,563, Cl. 128—214.
- Huber, Robert, Bellevue, France, assignor to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A., Geneva, Switzerland. Free piston machine the compressor portion of which includes at least two stages. 2,667,300, Jan. 26.
- Huber, Robert, to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. 2,695,497, Cl. 60—39.16.
- Huber, Robert, to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. 2,695,601, Cl. 123—46.
- Huber, Ronald F.: *See*—
Yonkers, Edward H., and Huber.
- Huber, William A., to the United States of America as represented by the Secretary of the Army. 2,692,381, Cl. 343—5.
- Hübert, Björn, Kristiansand, assignor to Elektrokemisk A/S, Oslo, Norway. Electrode holder with fluid control. 2,673,227, Mar. 23.
- Hubmann, Otto, Bad Homburg vor der Hoehe, Germany. Gas producer. 2,667,409, Jan. 26.
- Hubmann, Otto. 2,689,786, Cl. 48—196.
- Hubmann, Otto. 2,689,976, Cl. 18—9.
- Hubmann, Otto. 2,689,977, Cl. 18—9.
- Hübner, Kamill. 2,677,968, Cl. 74—112.
- Hübscher, Hermann. 2,693,770, Cl. 104—128.
- Huch, William F., St. Paul, Minn., assignor to General Mills, Inc. Constant altitude balloon. 2,666,601, Jan. 19.
- Huch, William F., St. Paul, and R. I. Hakomaki, Minneapolis, Minn., assignors to General Mills, Inc. Balloon and making. 2,666,600, Jan. 19.
- Huck, Alfred J., assignor to Knapp-Monarch Company. 2,675,754, Cl. 99—292.
- Huck, Alfred J., to Knapp-Monarch Co. 2,682,602, Cl. 219—43.
- Huck, Alfred J., to Knapp-Monarch Co. 2,691,717, Cl. 219—43.
- Huck, Alfred J., and C. D. Visos, assignors to Knapp-Monarch Company, St. Louis, Mo. Lower bowl construction for vacuum type coffee makers and switch therefor. 2,667,566, Jan. 26.
- Huck, Alfred J., and I. Pass, to Knapp-Monarch Co. 2,694,769, Cl. 219—44.
- Huck Co.: *See*—
Huck, William F.
Huck, William F. 2,688,803.
Huck, William F. 2,689,411.
Huck, William F. 2,694,976.
Huck, William F. 2,695,518.
Huck, William F. 2,695,561.
- Huck, M. O., & Co.: *See*—
Huck, Marion O. 2,691,923.
- Huck, Marion O., to M. O. Huck & Co. 2,691,923, Cl. 94—44.
- Huck, William F., Forest Hills, N. Y., assignor to The Brunswick-Balke-Collender Company. Bowling ball retarder. 2,668,714, Feb. 9.
- Huck, William F., Forest Hills, assignor to Huck Co., New York, N. Y. Tensioning mechanism for moving webs. 2,670,907, Mar. 2.
- Huck, William F., to The Brunswick-Balke-Collender Co. 2,682,405, Cl. 273—49.
- Huck, William F., to The Brunswick-Balke-Collender Co. 2,682,407, Cl. 273—49.
- Huck, William F., to Huck Co. 2,688,803, Cl. 33—184.5.
- Huck, William F., to Huck Co. 2,689,411, Cl. 33—184.5.
- Huck, William F., to Huck Co. 2,694,976, Cl. 101—415.1.
- Huck, William F., to Huck Co. 2,695,518, Cl. 73—141.
- Huck, William F., to Huck Co. 2,695,561, Cl. 101—366.
- Huckfeldt, Gebhard J., to Huckfeldt & Thorlichen. 2,688,154, Cl. 18—14.
- Huckfeldt, Gebhard J. 2,688,766, Cl. 18—1.
- Huckfeldt & Thorlichen: *See*—
Huckfeldt, Gebhard J. 2,688,154.
- Huddle, Edwin F., Elmwood Park, and E. C. Carlson, Chicago, Ill., assignors to International Harvester Company. Double sickle type mower. 2,664,690, Jan. 5.
- Huddleson, Irwin F., to Research Corp. 2,682,492, Cl. 167—78.
- Hudes, Henry N., and M. Marquardt, to Marquardt-Hudes, Inc. 2,684,682, Cl. 135—47.
- Hudson, Charles H. 2,694,403, Cl. 135—5.1.
- Hudson, Edwin B., to Armco Steel Corp. 2,685,807, Cl. 80—38.
- Hudson Engineering Corp.: *See*—
Baird, John B., and Turner.
Goldsmith, John L. 2,680,975.
Turner, Nelson C.
Turner, Nelson C. 2,693,948.
- Hudson, Herbert E., Jr.: *See*—
Price, Charles C., Bullitt, Hudson, and Buswell. 2,691,626.
- Hudson, James L., and P. F. Bender, assignors to Kenneth Hudson Foundation Inc. 2,675,018, Cl. 137—381.
- Hudson, John H., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Phosphate fertilizers. 2,673,795, Mar. 30.

- Hudson, Kenneth, Foundation Inc., assignee: *See*—
Hudson, James L., and Bender. 2,675,018.
- Hudson, L. P.: *See*—
Smith, Harold D. 2,691,844.
- Hudson Motor Car Company, assignee: *See*—
Toncray, Millard H., and Badertscher.
- Hudson, William E., Jr., Vicksburg, Miss. Key case. 2,669,859, Feb. 23.
- Hudson, William L., to Tokheim Corp. 2,687,693, Cl. 103—25.
- Huebner, Charles F., Morristown, assignor to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. S-carboxyethyl-thioisosemicarbazones. 2,672,463, Mar. 16.
- Huebner, Charles F., to Ciba Pharmaceutical Products, Inc. 2,697,728, Cl. 260—567.6.
- Huebner, Charles F., and C. R. Scholz, to Ciba Pharmaceutical Products, Inc. 2,686,806, Cl. 260—552.
- Huebner, Charles F., and C. R. Scholz, to Ciba Pharmaceutical Products, Inc. 2,688,039, Cl. 260—552.
- Huebner Co., The: *See*—
Huebner, William C. 2,676,100.
Huebner, William C. 2,680,079.
Huebner, William C. 2,691,343.
Huebner, William C. 2,691,345.
- Huebner, George J., Jr., and D. M. Borden, to Chrysler Corp. 2,683,583, Cl. 253—39.
- Huebner, Herbert A.: *See*—
Henle, John. 2,695,826.
- Huebner, William C., Mamaroneck, N. Y., assignor to The Huebner Company, Dayton, Ohio. Printing method and apparatus. 2,667,121, Jan. 26.
- Huebner, William C., assignor to The Huebner Company. 2,676,100, Cl. 95—1.9.
- Huebner, William C., assignor to The Huebner Company. 2,680,079, Cl. 117—93.
- Huebner, William C. 2,687,672, Cl. 88—57.
- Huebner, William C., to The Huebner Co. 2,691,343, Cl. 101—116.
- Huebner, William C., to The Huebner Co. 2,691,345, Cl. 101—126.
- Huebsch Mfg. Co.: *See*—
Watson, Thomas S. 2,685,189.
- Huebsch, Monte F., assignor to The American Laundry Machinery Company, Norwood, Ohio. Laundry drying apparatus. 2,670,548, Mar. 2.
- Huelsdonk, Lewis L. 2,693,710, Cl. 74—230.17.
- Huemer, Hans, and H. Schulz, K. Baden, and W. Pohl, assignors to Deutsche Gold- und Silber-Scheideanstalt vormals Roeseler, Frankfurt am Main, Germany. Production of cyanogen chloride. 2,672,398, Mar. 16.
- Huet, André, Paris, France. Heat exchanger. 2,665,889, Jan. 12.
- Huet, André, Paris, France. Furnace wall with finned wall tubes. 2,670,722, Mar. 2.
- Huet, André, Paris, France, assignor to Combustion Engineering, Inc., New York, N. Y. Tube and header joint. 2,670,972, Mar. 2.
- Huet, André. 2,677,532, Cl. 257—262.19.
- Huet, André, to Combustion Engineering, Inc. 2,689,596, Cl. 153—48.
- Huetten, Clarence, to P. R. Mallory & Co., Inc. 2,682,594, Cl. 200—166.
- Huff, James H., West Los Angeles, Calif. Gyroscopic aerial top. 2,666,276, Jan. 19.
- Huff, Lyman C., assignor to Universal Oil Products Company. 2,678,203, Cl. 262—2.
- Huff, Merlin L. 2,696,375, Cl. 262—9.
- Huff, Norman M., to Harper-Wyman Co. 2,687,275, Cl. 251—96.
- Huffaker, Norman L. 2,690,182, Cl. 129—23.
- Hufferd, George H. 2,685,842, Cl. 103—120.
- Hufferd, George H., and B. E. O'Connor, assignors to Houdaille-Hershey Corporation. 2,678,607, Cl. 103—120.
- Huffman, Charles E., Upper Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Clifton, N. J. Integrating circuit. 2,673,929, Mar. 30.
- Huffman, Charles E., assignor to Allen B. Du Mont Laboratories, Inc. 2,677,073, Cl. 315—13.
- Huffman, Charles E., to Allen B. Du Mont Laboratories, Inc. 2,684,454, Cl. 315—21.
- Huffman, Harold W., assignor to The Hamilton Tool Company, Hamilton, Ohio. Method of and means for varying the circumference of printing cylinders. 2,664,821, Jan. 5.
- Huffman, Max N., to G. D. Searle & Co. 2,682,548, Cl. 260—397.4.
- Huffman, Russell I.: *See*—
Dafforn, Kenneth B., and Huffman.
- Hufford Machine Works, Inc.: *See*—
Smith, Harry P., Jr., and Horton. 2,696,987.
- Hufnagel, Andrew, assignor to Westinghouse Air Brake Company. 2,678,411, Cl. 317—141.
- Huge, Henry M., to Lorain Products Corp. 2,693,540, Cl. 307—57.
- Hugenoltz, Eduard H., assignor to Hartford National Bank and Trust Company as trustee. 2,676,262, Cl. 250—36.
- Hugenoltz, Eduard H., to Hartford National Bank and Trust Co., as trustee. 2,691,139, Cl. 332—19.
- Hugenoltz, Eduard H., to Hartford National Bank and Trust Co., trustee. 2,697,815, Cl. 332—19.
- Hugenoltz, Eduard H., and J. Hoogendoorn, assignors to Hartford National Bank and Trust Company, as trustee. 2,676,263, Cl. 250—36.
- Hugger, Richard H., to United States Rubber Co. 2,689,375, Cl. 18—26.
- Huggins, Clifford A., to Koch Engineering Co., Inc. 2,693,949, Cl. 261—114.
- Huggler, Niles A., assignor to The Standard Oil Company, Cleveland, Ohio. Auxiliary alcohol-water fuel. 2,673,144, Mar. 23.
- Hughes Aircraft Co.: *See*—
Deming, Charles R. 2,697,811.
Forbes, Charles T., and Hatch. 2,683,105.
Hansen, Siegfried. 2,695,165.
Miller, Frank G., and Telle. 2,683,201.
North, Harper Q., Barnes, and Roach. 2,693,555.
North, Harper Q., and Carman. 2,694,168.
Roach, Jack F. 2,683,204.
Scarborough, Alfred D., and Bolles. 2,685,039.
Szerlip, Alexander. 2,697,172.
- Hughes, Arthur V., to the United States of America as represented by the Secretary of the Navy. 2,688,945, Cl. 114—20.
- Hughes, Claude Q., St. Louis, Mo. Trestle. 2,666,673, Jan. 19.
- Hughes, Edward G.: *See*—
Bergel, Franz, Cohen, Atherton, Heath-Brown, and Hughes. 2,693,470.
- Hughes, Edward J. 2,698,213, Cl. 312—239.
- Hughes, Everett C., Shaker Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Cracking of dewaxed wax slops. 2,673,831, Mar. 30.
- Hughes, Everett C., to The Standard Oil Co. 2,698,008, Cl. 123—1.
- Hughes, Everett C., Shaker Heights, and H. M. Stine, East Cleveland, assignors to The Standard Oil Company, Cleveland, Ohio. Treating asphalt to improve its adhesion. 2,673,164, Mar. 23.
- Hughes, Everett C., Shaker Heights, and D. Frazier, Bay Village, assignor to The Standard Oil Company, Cleveland, Ohio. Metal cutting oil derived from oxidized petroleum oil. 2,673,183, Mar. 23.
- Hughes, Everett C., Shaker Heights, and J. D. Bartleson, Beachwood Village, assignors to The Standard Oil Company, Cleveland, Ohio. Treating phosphorus sulfide-organic compound-metal derivative lubricant additives. 2,673,196, Mar. 23.
- Hughes, Everett C., and S. M. Darling, to The Standard Oil Co. 2,684,893, Cl. 44—52.
- Hughes, Everett C., H. F. Hardman, J. D. Bartleson, and M. L. Sunday, to The Standard Oil Co. 2,690,977, Cl. 106—273.
- Hughes, Everett C., H. E. Alford, and J. D. Bartleson, to The Standard Oil Co. 2,695,271, Cl. 252—32.7.
- Hughes, George C., to Reynolds Gas Regulator Co. 2,690,760, Cl. 137—484.2.
- Hughes, George E. 2,675,079, Cl. 164—123.5.
- Hughes, Harry E., to Servel, Inc. 2,684,043, Cl. 113—110.
- Hughes, Henry C., deceased, by L. V. Hughes, administratrix. 2,698,096, Cl. 212—144.
- Hughes, John O. P., Rugby, assignor to The English Electric Company Limited, London, England. Splined clutch. 2,665,788, Jan. 12.
- Hughes, John O. P., assignor to The English Electric Company Limited. 2,678,611, Cl. 105—118.
- Hughes, Landrum L. 2,681,778, Cl. 244—135.
- Hughes, Landrum L. 2,696,714, Cl. 62—1.
- Hughes, Lehman E., to E. I. du Pont de Nemours and Co. 2,694,688, Cl. 260—29.6.
- Hughes, Lillie V.: *See*—
Hughes, Henry C. 2,698,096.
- Hughes, Peter J. 2,680,904, Cl. 30—16.
- Hughes, Richard D., and J. M. Kountzman, Sr., to Cupples Co. 2,684,116, Cl. 160—101.
- Hughes, Richard H.: *See*—
Williams, Bernard J., and Hughes. 2,686,390.
- Hughes, Robert C. 2,675,564, Cl. 5—82.
- Hughes, Thomas M., assignee: *See*—
Mitton, Horal, 2,678,817.
- Hughes Tool Co.: *See*—
Barnett, Wilford J., and Carlson.
Burbeck, Donald W.
Corbo, Robert L.
Dill, Herbert C., Lyne, and Schlumpf.
Evans, Seth.
Frady, William E., Jr.
Hebenstreit, William B. 2,676,257.
Morlan, Erwin A., Scott, and Woods. 2,687,875.
Ratzlaff, Darrell, and Fritz. 2,678,489.
Robbins, Howard M. 2,674,732.
Scarborough, Alfred D. 2,676,251.
Scott, Floyd L. 2,693,344.
- Hughes, Walter J., assignor to Inflico Incorporated, Tucson, Ariz. Slurry type liquid treating apparatus. 2,673,181, Mar. 23.
- Hughes, Walter J., assignor to Inflico Incorporated, Tucson, Ariz. Converter. 2,673,338, Mar. 23.
- Hughes, Walter J., assignor to Inflico Incorporated. 2,675,758, Cl. 103—38.
- Hughes, William B.: *See*—
Kleene, Richard D., and Hughes. 2,698,341.

- Hughey, George B.: *See*—
Briggs, Stanford W., Denkwalter, and Hughey.
Denkwalter, Robert G., Malcolmsen, and Hughey.
2,678,900.
- Hugman, Robert H. H. 2,678,593, Cl. 94—50.
Hugman, Robert H. H. 2,678,823, Cl. 273—35.
- Hugonnet, Henri, to Societe du Fibrociment et des Revete-
ments Elo. 2,685,119, Cl. 25—155.
- Hugos, Henry J.: *See*—
Kleiger, Sarah C., and Hugos.
- Huguenin, Julien: *See*—
Fluckiger, Willy, and Huguenin. 2,688,799.
- Huguenin, Marc, assignor to Montres Rolex S. A., Geneva,
Switzerland. Anchor escapement for timepieces.
2,664,695, Jan. 5.
- Huhn, Louis O., Detroit, Mich. Dispenser for coffee and
like material. 2,670,105, Feb. 23.
- Hujak, Karol L., and R. Mungen, assignors to Stanolind
Oil and Gas Company, Tulsa, Okla. Catalytic conver-
sion of oxygenated organic compound mixtures.
2,672,476, Mar. 16.
- Hukari, Ormand. 2,674,500, Cl. 304—29.
- Hukari, Ormand E. 2,685,352, Cl. 189—11.
- Hulf, Henry J.: *See*—
Withers, John G., Hulf, and Rubach.
- Hull, David C.: *See*—
Hagemeyer, Hugh J., Jr., and Hull. 2,694,734.
- Hull, David C., Longview, Tex., assignor to Eastman
Kodak Company, Rochester, N. Y. Selective oxidation
of substituted aromatic compounds using aldehyde-
activated catalysts. 2,673,217, Mar. 23.
- Hull, David C., and H. J. Hagemeyer, Jr., to Eastman
Kodak Co. 2,694,735, Cl. 260—604.
- Hull, Donald D., Jackson, Mich. Adjustable height gauge.
2,670,542, Mar. 2.
- Hull, Donald R., to E. I. du Pont de Nemours and Co.
2,694,447, Cl. 164—61.
- Hull, Edwin H., to the United States of America as rep-
resented by the Secretary of the Army. 2,692,475,
Cl. 60—35.54.
- Hull, Lloyd A., and T. M. Gantert. 2,677,564, Cl. 291—36.
- Hull, R. Dell. 2,675,192, Cl. 242—84.5.
- Hull, R. Dell. 2,675,193, Cl. 242—84.6.
- Hull, R. Dell, Tulsa, Okla. Fishing reel. 2,668,025,
Feb. 2.
- Hull Resurfacing Co.: *See*—
Hull, Stuart B. 2,684,662.
- Hull, Robert R., to Engineering Controls, Inc. 2,681,643,
Cl. 123—41.08.
- Hull, Robert R., to Sunkist Growers, Inc. 2,685,175, Cl.
62—7.
- Hull, Stuart B., to Hull Resurfacing Co. 2,684,662, Cl.
122—140.
- Hull, William F., Lomita, assignor to Western Precipita-
tion Corporation, Los Angeles, Calif. Electrode as-
sembly for electrical precipitators. 2,666,495, Jan. 19.
- Hullegård, Erik W., assignor to Telefonaktiebolaget L M
Ericsson. 2,680,807, Cl. 250—27.
- Hüller, Adolf, Ludwigsburg, Germany. Chip breaking
device. 2,669,889, Feb. 23.
- Hullinger, John H., San Francisco, Calif. Mechanical
transmission. 2,671,350, Mar. 9.
- Hulme, Joseph M.: *See*—
Hartley, Gilbert S., Pound, Heath, and Hulme.
2,678,334.
- Hulme, Philip M., to Air Reduction Co., Inc. 2,692,196,
Cl. 75—51.
- Hulberg, Herbert A., Clarendon Hills, assignor to Uni-
versal Oil Products Company, Chicago, Ill. Hydrogen
analyzer. 2,671,336, Mar. 9.
- Hulberg, Herbert A., Clarendon Hills, assignor to Uni-
versal Oil Products Company, Chicago, Ill. Hydrogen
analyzer. 2,671,337, Mar. 9.
- Hulse, Robert E., and D. S. Nantz, to National Distillers
Products Corp. 2,685,500, Cl. 23—184.
- Hulseberg, Paul J.: *See*—
Hagen, Clarence R., and Hulseberg. 2,688,223.
- Hulsey, James F., Hamlin, Tex. Pressure dissipating
manifold for bringing in wells. 2,665,760, Jan. 12.
- Hulsizer, Robert I.: *See*—
Ingalls, Clyde E., and Hulsizer. 2,687,472.
- Hulst, George D., to Allen B. Du Mont Laboratories, Inc.
2,689,913, Cl. 250—36.
- Hulst, George D., Jr.: *See*—
Mountjoy, Garrard, Schoenfeld, and Hulst. 2,695,997.
- Hulstede, George E., Belmont, Calif., and J. G. Stephen-
son, Mineola, N. Y., assignors to the United States of
America as represented by the Secretary of War. Tun-
ing plunger for a coaxial line type ultrahigh-frequency
circuit. 2,666,185, Jan. 12.
- Hulstedt, Emery S., ½ to W. A. Johnson. 2,697,618, Cl.
280—515.
- Hulswit, William H., Jr.: *See*—
Briscoe, William F. R., Bull, and Hulswit. 2,693,005.
- Hulswit, William H., Jr., Grosse Pointe, W. F. R. Briscoe,
and V. H. Berry, Detroit, Mich., assignors to United
States Rubber Company, New York, N. Y. Groove-
crack resistant tire and making same. 2,672,909,
Mar. 23.
- Hult, William A. E. 2,680,518, Cl. 209—464.
- Hultberg, Åke A. 2,680,859, Cl. 9—8.
- Hultberg, Rolf B. J.: *See*—
Bilde, Tord E. D., Hjeltn, and Hultberg. 2,676,088.
- Hultin, Clifford T.: *See*—
Peck, Joseph A., and Hultin. 2,679,756.
- Hultin, Clifford T. 2,694,316, Cl. 74—230.17.
- Hultquist, Martin E.: *See*—
Fahrenbach, Marvin J., Smith, and Hultquist.
2,677,682.
- Humason, Granville A., Houston, Tex. Combined well
head and Christmas tree structure. 2,673,615, Mar. 30.
- Humbarger, Frank F., assignor, by mesne assignments, to
Pyrofax Gas Corporation. 2,679,332, Cl. 220—85.
- Humber, John N., assignor to American Bosch Cor-
poration. 2,674,236, Cl. 123—139.
- Humber Limited, assignee: *See*—
Limon, Walter, Kamper, and Berry.
Miller, Andrew C.
- Hume, Tiery L.: *See*—
Meighan, William A., and Hume. 2,675,265.
Meighan, William A., and Hume. 2,685,848.
Meighan, William A., and Hume. 2,685,849.
- Humes, Norman S., to The Heald Machine Co. 2,680,939,
Cl. 51—103.
- Humfeld, Harry, to United States of America as repre-
sented by the Secretary of Agriculture. 2,693,665, Cl.
47—1.1.
- Hummel, August C., Cincinnati, Ohio. Metering device
for tape dispensers. 2,671,659, Mar. 9.
- Hummel, August C., Cincinnati, Ohio. Moistening device
for gummed tape and the like. 2,673,547, Mar. 30.
- Hummel, August C. 2,691,524, Cl. 271—2.4.
- Hummel, August C. 2,693,168, Cl. 118—264.
- Hummel, Charles D., Sr., assignee: *See*—
Roberts, Ray J. D., and Faulkner.
- Hummel, Frederick E., Chicago, Ill. Automatic toaster
with thermostatic delay means. 2,665,629, Jan. 12.
- Hummel, John C., to Robert R. Anderson Co. 2,693,628,
Cl. 25—131.
- Hummel, Louis A.: *See*—
Harris, Wilbur T., Pegram, Brazee, and Hummel.
- Hummert, Robert H., assignor to Standard-Thompson
Corporation. 2,674,452, Cl. 268—105.
- Hummert, Robert H., assignor to Standard-Thompson
Corporation. 2,674,453, Cl. 268—108.
- Humpal, Eugene G., assignor to Motor Products Corpora-
tion. 2,676,055, Cl. 296—44.
- Humphlett, Wilbert J.: *See*—
Cawley, John D., Robeson, and Humphlett. 2,676,989.
- Humphlett, Wilbert J., assignor to Eastman Kodak Com-
pany. 2,676,992, Cl. 260—598.
- Humphlett, Wilbert J., assignor to Eastman Kodak Com-
pany. 2,676,993, Cl. 260—611.
- Humphlett, Wilbert J., and D. M. Burness, assignors to
Eastman Kodak Company. 2,676,990, Cl. 260—598.
- Humphrey, Bingham J., Mount Carmel, and H. H. Wasser-
man, Hamden, assignors to The Connecticut Hard
Rubber Company, New Haven, Conn. Liquefaction of
silicone rubber gum and products thereof. 2,673,843,
Mar. 30.
- Humphrey, George A., assignor to General Gas Light Com-
pany, Kalamazoo, Mich. Work stop or positioning
means for forming and bending machines. 2,669,276,
Feb. 16.
- Humphrey, Harry G. 2,675,923, Cl. 211—96.
- Humphrey, Ralph. 2,675,071, Cl. 160—90.
- Humphrey, Warren A., to The Hoover Co. 2,686,331,
Cl. 15—333.
- Humphrey, Warren A., to The Hoover Co. 2,691,791, Cl.
15—324.
- Humphrey, Warren A., to The Hoover Co. 2,691,792, Cl.
15—333.
- Humphrey, Warren A., Canton, and D. C. Gerber, assignors
to The Hoover Company, North Canton, Ohio. Vacuum
cleaner end closure and dusting tool converter coupling
therefor. 2,665,148, Jan. 5.
- Humphreys, David D., to Sharples Chemicals Inc.
2,685,604, Cl. 260—563.
- Humphreys, Ellis, to Mississippi Glass Co. 2,688,398,
Cl. 206—62.
- Humphreys & Glasgow Ltd.: *See*—
Hawkes, Charles T. 2,689,164.
Phillipps, Ian H. 2,682,444.
- Williams, Norman H.
- Humphreys, John W., to Johnson Products, Inc. 2,688,319,
Cl. 123—90.
- Humphreys, Marion W. 2,685,256, Cl. 103—129.
- Humphreys, William P., Jr., to Celanese Corp. of America.
2,682,486, Cl. 117—139.5.
- Humphries, Douglas N.: *See*—
Hoven, Alfred C., Nordmark, Poel, and Humphries.
2,681,100.
- Hundley, Frank G., to Neptune Meter Co. 2,693,196, Cl.
137—195.
- Hungerford, Robert K., West Hartford, Conn. System for
maintaining the oil level in the crankcase of internal-
combustion engines. 2,671,529, Mar. 9.
- Hunsinger, Johnathon W., Burlington, Vt., assignor to
Bell Aircraft Corporation, Wheatfield, N. Y. Coin con-
trolled mechanism. 2,669,336, Feb. 16.
- Hunt, Benjamin H., Sr., and C. B. Hunt, Jr. 2,680,544,
Cl. 224—42.45.
- Hunt, Charles B., Jr.: *See*—
Hunt, Benjamin H., Sr., and C. B. Hunt, Jr.
2,680,544.

- Hunt, Clayton E., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Tape facsimile apparatus. 2,666,807, Jan. 19.
- Hunt, Clayton E., Jr., to Eastman Kodak Co. 2,682,573, Cl. 178—23.
- Hunt, Donovan D. 2,676,207, Cl. 179—1.
- Hunt, Edward M., to The Champion Rivet Co. 2,696,781, Cl. 101—40.
- Hunt, Ernest O.: *See*—
Smith, Daniel L. 2,684,727.
- Hunt, Fred L., Jr., to The Studebaker Corp. 2,687,684, Cl. 98—2.
- Hunt, Frederick V., and O. H. Schuck, Belmont, C. R. Rutherford, and J. L. Hathaway, Cambridge, Mass., and A. N. Butz, Jr., Maplewood, N. J. Apparatus for determining the direction of underwater targets. 2,666,192, Jan. 12.
- Hunt, Gerald R., Long Beach, Calif. Wiper for members operating in wells. 2,666,621, Jan. 19.
- Hunt, Gerald R., Long Beach, Calif. Wiper for strings engaged in wells. 2,667,929, Feb. 2.
- Hunt, Jack W., Trenton, Tenn. Valve tappet silencer. 2,672,134, Mar. 16.
- Hunt, Kenneth W., assignor to Hunt-Wilde Corp., Dayton, Ohio. Handgrip. 2,666,340, Jan. 19.
- Hunt Manpoh and Company, assignee: *See*—
Manpoh, Masaaki.
- Hunt, Myron C., to Perfect Circle Corp. 2,696,038, Cl. 29—156.63.
- Hunt, Rodney, Machine Co.: *See*—
Harris, Carl C., and Cadwell. 2,684,031.
Kuniholm, David A.
- Hunt, Scott F., Meriden, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Control apparatus for internal-combustion engines. 2,670,940, Mar. 2.
- Hunt, Scott F., Meriden, and S. W. Gilbert, Middletown, assignors to Niles-Bement-Pond Company, West Hartford, Conn. Dehydrator plug. 2,671,526, Mar. 9.
- Hunt-Wilde Corp., assignee: *See*—
Hunt, Kenneth W.
- Hunt, William H., to Fish Machinery Corp. 2,697,849, Cl. 17—4.
- Hunt, William T., Jr.: *See*—
Allbert, Eugene F., and Hunt. 2,677,082.
Mathias, Gerald E., and Hunt. 2,683,842.
Mathias, Gerald E., and Hunt. 2,693,560.
- Hunt, William T., Jr., to Westinghouse Electric Corp. 2,693,563, Cl. 318—308.
- Huntar, Felix, and W. Pechy, to American Can Co. 2,684,804, Cl. 226—96.
- Hunter, Byron A., Oxford, Conn., assignor to United States Rubber Company, New York, N. Y. p,p'-methylene bis (benzene sulfonyl hydrazide). 2,673,220, Mar. 23.
- Hunter, Clyde W. 2,693,314, Cl. 232—35.
- Hunter Douglas Corporation, assignee: *See*—
Hunter, Joseph L.
Rutledge, Melvin C.
- Hunter, Edward A., and C. N. Kimberlin, Jr., to Standard Oil Development Co. 2,692,239, Cl. 252—313.
- Hunter, Edwin J., Riverside, Calif., assignor to B. Walker. Venetian blind slat. 2,670,037, Feb. 23.
- Hunter, Edwin J. 2,687,329, Cl. 299—104.
- Hunter, Eldred T. 2,685,118, Cl. 25—128.
- Hunter, Fred L.: *See*—
De Santis, Vincent J., Hunter, and Majkrzak. 2,681,876.
- Hunter, George A., to E. I. du Pont de Nemours and Co. 2,689,694, Cl. 242—157.
- Hunter, Henry G. 2,692,142, Cl. 275—2.
- Hunter, Henry M.: *See*—
Peterson, C. Lynn, and C. J. Peterson, and Hunter. 2,696,916.
- Hunter, Herbert T., and B. W. Wilson, assignors to Doughnut Corporation of America. 2,676,552, Cl. 107—54.
- Hunter, James, Machine Co.: *See*—
Abrants, Steve. 2,689,983.
Ringie, Donald F. 2,690,679.
- Hunter, Joseph L., assignor to Hunter Douglas Corporation, Riverside, Calif. Continuous casting. 2,664,607, Jan. 5.
- Hunter, Lee, Jr. 2,680,974, Cl. 73—66.
- Hunter, Levi C., and H. B. Wilson. 2,686,692, Cl. 298—20.
- Hunter, Lloyd P.: *See*—
Mason, Ruric C., Coltman, Hunter, and Longini. 2,681,868.
- Hunter, Lloyd P., Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Semiconductor amplifier. 2,666,816, Jan. 19.
- Hunter, Malcolm S. 2,683,196, Cl. 200—61.44.
- Hunter, Melvin V., Richmond, and J. R. Segesser, El Cerrito, assignors to California Research Corporation, San Francisco, Calif. Low melting paraffin wax. 2,670,323, Feb. 23.
- Hunter, Percival G., and L. V. Chandler. 2,678,195, Cl. 259—1.
- Hunter, Richard B., Cuernavaca, Morelos, Mexico, E. Pell, Shorewood, and N. L. Schmitz, Madison, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Load relay circuit for induction motors. 2,668,266, Feb. 2.
- Hunter, Richard B., Cuernavaca Morelos, Mexico, E. Pell, Shorewood, and N. L. Schmitz, Madison, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Load relay circuit for induction motors. 2,668,268, Feb. 2.
- Hunter, Richard G.: *See*—
Headlee, Alvah J. W., and Hunter. 2,689,718.
- Hunter, Richard S., to Henry A. Gardner Laboratory, Inc. 2,696,750, Cl. 88—14.
- Hunter, Robert H.: *See*—
Brandner, John D., and Hunter. 2,687,970.
Brandner, John D., and Hunter. 2,687,971.
- Hunter, Rutherford H.: *See*—
Housekeeper, Earl J., Hunter, and Braun.
- Hunter, Scott L.: *See*—
Foss, Burdette W., and Hunter.
- Hunter, Walker F., Jr., to Eastman Kodak Co. 2,694,662, Cl. 154—121.
- Hunter, William A., assignor to T. M. M. (Research) Limited, Helmsshore, Rossendale, England. Machine for the intensive opening of fibrous materials. 2,666,957, Jan. 26.
- Hunter, William A., and F. Singleton, assignors to T. M. M. (Research) Limited, Helmsshore, Rossendale, England. Apparatus for use in conveying and opening textile fibrous materials. 2,666,956, Jan. 26.
- Hunter, William A., and W. P. Cousino, to Chrysler Corp. 2,684,692, Cl. 138—26.
- Hunting, Melvin J., New Brunswick, and G. L. Mack, Somerville, assignors, by mesne assignments, to A. S. Dreier, North Plainfield, N. J. Luger conversion. 2,667,712, Feb. 2.
- Huntington, Ross D., Jr., and J. M. Williams. 2,696,524, Cl. 179—5.
- Huntington, William L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device and valve. 2,667,897, Feb. 2.
- Huntington, William L., to Minneapolis-Honeywell Regulator Co. 2,688,336, Cl. 137—494.
- Huntley Mfg. Co.: *See*—
Paul, Frederick J. 2,683,533.
- Huntzinger, Charles L., to Hewitt-Robins Inc. 2,685,375, Cl. 214—16.
- Hupert, Julius J., and R. Goldstein, to A. R. F. Products, Inc. 2,695,951, Cl. 250—17.
- Hupert, Julius J., and R. Goldstein, to A. R. F. Products, Inc. 2,695,977, Cl. 317—142.
- Hupp, Arleigh G., South Milwaukee, Wis. Spring for spring clutches. 2,673,730, Mar. 30.
- Hupp, Arleigh G., to The Midland Co. 2,687,075, Cl. 97—165.
- Hupp, Arleigh G. 2,695,071, Cl. 180—19.
- Hupp Corp.: *See*—
Barden, Earl M. 2,684,847.
Barden, Earl M., and Williams. 2,679,889.
Hamlin, Halley H., and Lawson. 2,685,952.
Pickles, Joseph. 2,682,780.
Rossmann, Peter F. 2,692,162.
- Hupp, Edward E., to Bendix Aviation Corp. 2,690,740, Cl. 121—41.
- Huppertz, George C., assignor to Raylee Engineering, Inc. 2,677,392, Cl. 137—635.
- Hurd, Charles O., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Fractionating column with removable trays. 2,666,737, Jan. 19.
- Hurd, Harry W., and F. H. James, to Hurd and James, Inc. 2,688,394, Cl. 198—184.
- Hurd and James, Inc.: *See*—
Hurd, Harry W., and James. 2,688,394.
- Hurd, Yorick G., and H. E. Bragg, to Twentieth Century Fox Film Corp. 2,683,679, Cl. 154—116.
- Hurford, Winslow L., North Syracuse, N. Y., assignor to General Electric Company. Amplifier for attenuating the higher frequency components of signals. 2,668,883, Feb. 9.
- Hurford, Winslow L., assignor to General Electric Company. 2,679,554, Cl. 179—171.
- Hurka, Victor R., assignor to E. I. du Pont de Nemours and Company. 2,674,516, Cl. 8—61.
- Hurka, Victor R., assignor to E. I. du Pont de Nemours & Company. 2,676,983, Cl. 260—544.
- Hurkamp, Charles H., and R. B. Tilney, to McDonnell Aircraft Corp. 2,680,952, Cl. 60—52.
- Hurlbut, John H. 2,674,723, Cl. 339—176.
- Hurley, Edward J., assignee: *See*—
Porter, Leslie F. 2,675,950.
- Huron Portland Cement Company, assignee: *See*—
Schemm, George A.
- Hursh, Charles M., to Westinghouse Air Brake Co. 2,697,778, Cl. 246—26.
- Hursh, Samuel R. 2,691,505, Cl. 254—18.
- Hurst, Alonzo. 2,696,141, Cl. 88—43.
- Hurst, Alvin L.: *See*—
McClintock, Thomas I., and Hurst.
- Hurst, Edward, assignor to United Cotton Products Company. 2,680,335, Cl. 51—193.
- Hurst, James E. 2,692,039, Cl. 198—52.
- Hurst, Justin, to Russell Constructions Ltd. 2,682,338, Cl. 209—332.
- Hurst, Mowatt M. 2,692,214, Cl. 134—6.
- Hurst, Norman F., to R. M. Osvoild and N. F. Hurst, a copartnership d. b. a. Hurst Truck Utilities. 2,678,811, Cl. 212—8.

- Hurst, Norman F., to R. M. Osvoid and N. F. Hurst, a copartnership d. b. a. Hurst Truck Utilities. 2,687,810, Cl. 212—8.
- Hurst Truck Utilities: *See*—
Hurst, Norman F. 2,687,810.
Hurst, Norman F. 2,687,811.
- Hurt, Eldon C., to Union Carbide and Carbon Corp. 2,688,168, Cl. 22—58.
- Hurt, Hansford D. 2,687,619, Cl. 62—1.
- Hurt, Victor H., to United States Rubber Co. 2,688,207, Cl. 46—87.
- Hurtado S., Ricardo, Bogota, Colombia. Spool for type-writer ribbons. 2,667,257, Jan. 26.
- Hurtig, Saul, and R. Janovsky. 2,686,007, Cl. 232—4.
- Hurtubise, May C. 2,687,765, Cl. 155—29.
- Hurwitz, Harvey L.: *See*—
Bienenfeld, Arthur, and Hurwitz. 2,677,990.
- Hurxthal, Alpheus O.: *See*—
Bogaty, Stanislaus, and Hurxthal. 2,679,115.
- Husaczka, Stephan, and H. M. Johansen, New York, N. Y., and N. E. Cardini, Jersey City, N. J. Heater. 2,668,896, Feb. 9.
- Huschka, E. W.: *See*—
Klein, William F. 2,684,619.
- Huse, Hiram N., Foster, R. I. Ball-winding machine. 2,668,016, Feb. 2.
- Huse, Hiram N., North Scituate, R. I. Refrigerating and ice disintegrating apparatus. 2,670,612, Mar. 2.
- Husemann, Elfriede, O. Westphal, and B. Kickhöfen, to Dr. A. Wander A. G. 2,689,848, Cl. 260—234.
- Hushley, Walter J., to Westinghouse Electric Corp. 2,681,861, Cl. 106—54.
- Hushley, Walter J., to Westinghouse Electric Corp. 2,689,188, Cl. 117—23.
- Hushley, Walter J., to Westinghouse Electric Corp. 2,689,189, Cl. 117—33.5.
- Hushley, Walter J., to Westinghouse Electric Corp. 2,689,190, Cl. 117—33.5.
- Husing, Albert J., to Air Associates, Inc. 2,696,828, Cl. 137—108.
- Husqvarna, Vapenfabriks Aktiebolag: *See*—
Asp, Ivar A.
Asp, Ivar A., and Berg.
Eriksson, Allan H. 2,687,104.
- Hussey, Russell B., assignor to American Bosch Corporation. 2,680,217, Cl. 317—198.
- Husted, Donald R., assignor to Minnesota Mining & Manufacturing Company. 2,676,985, Cl. 260—564.
- Husted, Donald R., St. Paul, and A. H. Ahlbrecht, White Bear Township, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Fluorinated alcohols and acetate esters. 2,666,797, Jan. 19.
- Husted, Donald R., and A. H. Ahlbrecht, to Minnesota Mining & Mfg. Co. 2,681,370, Cl. 260—615.
- Husted, Donald R., and A. H. Ahlbrecht, to Minnesota Mining & Mfg. Co. 2,691,043, Cl. 260—583.
- Husted, Hoyt L., assignor to Minneapolis-Honeywell Regulator Company. 2,674,708, Cl. 318—29.
- Husum, Charles W., and J. M. Wheaton, to Owens-Illinois Glass Co. 2,689,840, Cl. 260—41.5.
- Hutaff, George H., Jr. 2,697,532, Cl. 215—39.
- Hutcheson, Earl H. 2,689,962, Cl. 5—351.
- Hutchings, Joseph L.: *See*—
Rosenak, Stephen S., Saltzman, and Hutchings. 2,683,117.
- Hutchins, Charles C., and B. C. Seaman, to Hutchins Electric Co., Inc. 2,697,809, Cl. 318—220.
- Hutchins, Charles C., and B. C. Seaman, to Hutchins Electric Co., Inc. 2,697,810, Cl. 318—220.
- Hutchins Electric Co., Inc.: *See*—
Hutchins, Charles C., and Seaman. 2,697,809.
Hutchins, Charles C., and Seaman. 2,697,810.
- Hutchins, Harry P., Audubon, N. J. Simulated baseball game. 2,665,910, Jan. 12.
- Hutchins, James E., Jr., and G. T. Comeaux, Greenville, Miss. Cotton picker needle. 2,669,828, Feb. 23.
- Hutchins, Joseph W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recording system. 2,666,854, Jan. 19.
- Hutchins, Joseph W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recording infrared gas analyzer. 2,673,298, Mar. 23.
- Hutchins, Ralph P., to The French Oil Mill Machinery Co. 2,695,459, Cl. 34—17.
- Hutchinson, Alfred T., Hammond, Ind. Internal gear cutting machine and the like. 2,673,493, Mar. 30.
- Hutchinson, Archibald D. L. 2,675,268, Cl. 298—23.
- Hutchinson, Arthur J. L., R. C. Fish, and P. Hall, to The Fish Engineering Corp. 2,687,184, Cl. 183—22.
- Hutchinson, Clyde E., Venice, Calif. Aquarium cleaning device. 2,672,987, Mar. 23.
- Hutchinson, David W., to The Turbex Corp. 2,693,080, Cl. 60—39.28.
- Hutchinson, Franklin, New Haven, Conn., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Tunable magnetron oscillator. 2,666,165, Jan. 12.
- Hutchinson, Grady L., assignee: *See*—
Hutchison, Edward J., Sr. 2,677,209.
- Hutchinson, Lois I. 2,674,813, Cl. 35—41.
- Hutchinson, Morton C., assignor to Victaulic Company of America, New York, N. Y. Toggle type pipe coupling. 2,673,102, Mar. 23.
- Hutchinson, Robert B., assignor to Alexander Smith, Incorporated, Yonkers, N. Y. Photoelectric stop mechanism for looms. 2,670,014, Feb. 23.
- Hutchinson, William A. 2,676,029, Cl. 280—99.
- Hutchison, Alexander C., to Imperial Chemical Industries Ltd. 2,682,461, Cl. 52—5.
- Hutchison, Edward J., Sr., assignor of 1/2 to G. L. Hutchison. 2,677,209, Cl. 43—99.
- Hutchison, Thomas J., Jr., Nixon, Pa., assignor to American Wheelabrator & Equipment Corporation, Mishawaka, Ind. Steel shot for blast cleaning, blast peening, and the like. 2,670,281, Feb. 23.
- Hüter, Theodor F., Erlangen, Germany. Device for transmitting ultrasound energy. 2,668,529, Feb. 9.
- Huthsing, Charles K. 2,694,456, Cl. 169—31.
- Hutson, Alton W. 2,691,973, Cl. 124—20.
- Hutt, Milton H., Moorestown, N. J., assignor to Radio Corporation of America. Tape marker for magnetic tape recorders. 2,673,740, Mar. 30.
- Hutt, Philip, to General Electric Co. 2,686,297, Cl. 339—14.
- Hüttemann, Paul F., G. A. Klotzbach, O. K. Vorwerk, and M. Gallai-Hatchard, to Huttenwerk Rheinhausen Aktiengesellschaft. 2,693,666, Cl. 49—1.
- Hüttenwerk Oberhausen Aktiengesellschaft, assignee: *See*—
Graef, Rudolf F.
- Huttenwerk Rheinhausen Aktiengesellschaft: *See*—
Hüttemann, Paul F., Klotzbach, Vorwerk, and Gallai-Hatchard. 2,693,666.
Vorwerk, Otto K. 2,691,249.
- Hutter & Schrantz Aktiengesellschaft Siebwaren- und Filztuch-Fabriken, assignee: *See*—
Aigner, Herbert. 2,679,368.
- Huttman, Charles F., Bethpage, N. Y. Conveyor system. 2,670,835, Mar. 2.
- Hutton, James L. 2,678,160, Cl. 235—59.
- Hutton, James L. 2,678,162, Cl. 235—60.27.
- Hutton, Paul C. 2,686,495, Cl. 120—36.
- Hutton, Philip C., to Silentbloc Ltd. 2,683,380, Cl. 74—443.
- Hutton, Robert W., to International Telephone and Telegraph Corp. 2,682,577, Cl. 179—18.
- Huwood Mining Machinery Ltd.: *See*—
Bainbridge, Featherstone. 2,689,716.
Bainbridge, Featherstone. 2,689,717.
Bainbridge, Featherstone. 2,689,721.
- Huxtable, Robert W., to Millers Falls Co. 2,696,233, Cl. 145—108.
- Huyett, Daniel D., to Atlas Powder Co. 2,693,634, Cl. 29—286.
- Huyler's, assignee: *See*—
Baer, George N. 2,678,763.
Wilson, John B.
- Hvistendahl, Dale. 2,685,149, Cl. 47—1.
- Hwa, Jesse C. H., to Rohm & Haas Co. 2,689,832, Cl. 260—2.1.
- Hwa, Jesse C. H., to Rohm & Haas Co. 2,689,833, Cl. 260—2.1.
- Hyams, William, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Thrust bearing. 2,665,959, Jan. 12.
- Hyatt, William F.: *See*—
Scott, Henry L., Hyatt, and Carter. 2,688,546.
- Hyde, Elmer H. 2,692,849, Cl. 202—30.
- Hyde, Harold J., Jr.: *See*—
Stein, William R., and Hyde.
- Hyde, James F., to Dow Corning Corp. 2,692,844, Cl. 154—139.
- Hyde, James H., executor: *See*—
Rennie, Elwood, and Hyde.
- Hyde Mfg. Co.: *See*—
Bennett, Roger G. 2,684,250.
- Hyde, William W.: *See*—
Rennie, Elwood, and Hyde.
- Hydraulic Coupling Patents Ltd.: *See*—
Kiep, Johann N. 2,696,081.
- Hydrocarbon Research, Inc.: *See*—
Arnold, John H.
Fruit, Allen J.
Garbo, Paul W. 2,674,524.
Garbo, Paul W. 2,683,657.
Garbo, Paul W. 2,692,901.
Garbo, Paul W. 2,696,718.
Garbo, Paul W., and Kwauk. 2,674,525.
Kalbach, John C. 2,687,950.
Kwauk, Mooson.
Pichler, Helmut R., and Chervenak. 2,692,902.
- Hydrofoil Corp., The: *See*—
Amster, Warren H. 2,696,796.
- Hydro-Form Corp.: *See*—
Chyba, Joseph A. 2,678,663.
Chyba, Joseph A. 2,696,183.
- Hydrojet Corp., The: *See*—
Boeckeler, Benjamin C. 2,690,129.
Boeckeler, Benjamin C. 2,690,130.
- Hydro-Nitro S. A.: *See*—
Kudelski, Stefan. 2,681,432.

- Hydropress, Inc.: *See*—
 Bottenhorn, Hermann A. 2,679,900.
 Cozzo, Giuseppe. 2,692,421.
 Hoffman, Leo.
 Kent, Francis J., and Dussling. 2,679,748.
 Krause, Gerhard P., and Hoffmann.
 Reichl, Raymond M.
 Reichl, Raymond M. 2,686,444.
 Reichl, Raymond M., and Singer.
 Zeitlin, Alexander. 2,687,052.
- Hydrotator Company, assignee: *See*—
 Remick, Walter L. 2,679,934.
- Hyer, William F., to Phillips Petroleum Co. 2,688,195, Cl. 34—57.
 Hyer, William F., W. H. J. Kline, and J. D. Upham, to Phillips Petroleum Co. 2,681,904, Cl. 260—96.5.
- Hygienol Company, Inc., assignee: *See*—
 Levy-Hawes, Felix, and Castel.
- Hyland, Daniel F. 2,680,923, Cl. 43—18.
 Hyland, John J., to Burroughs Corp. Re. 23,847, Cl. 101—93.
- Hyland, William A., Horicon, Wis., assignor to John Deere Van Brunt Company. Grain drill. 2,668,737, Feb. 9.
- Hyman, Abraham, New York, N. Y. Converting from an unbalanced to a balanced circuit. 2,665,413, Jan. 5.
- Hyman, Benjamin M., East Moline, Ill., assignor to International Harvester Company. Tractor mounted harvester-thresher. 2,670,582, Mar. 2.
- Hyman, Benjamin M., assignor to International Harvester Company. 2,677,226, Cl. 56—29.
- Hyman, Benjamin M., East Moline, and L. P. Millard, Chicago, Ill., assignors to International Harvester Company. Lifting means for tractor-mounted equipment. 2,669,821, Feb. 23.
- Hyman, Henry: *See*—
 Asherman, Irving. 2,682,605.
- Hyman, Howard D., to The Alexander Fleck Ltd. 2,697,966, Cl. 92—22.
- Hyman, Howard D., Ottawa, Ontario, Canada, and E. M. Root, Decatur, Ga., assignors to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,667,106, Jan. 26.
- Hyman, Jerome, to The Rockmont Envelope Co. 2,686,005, Cl. 229—73.
- Hyman, Sidney, New York, N. Y. Lady's handbag or the like. 2,665,728, Jan. 12.
- Hyman, Sidney. 2,680,460, Cl. 150—28.
- Hynes, Lee P., to Turbine Equipment Co. 2,694,765, Cl. 219—19.
- Hyser, Charles L., Bronxville, and I. A. Lake, Mount Vernon, N. Y., said Lake assignor to said Hyser. Spray nozzle. 2,671,693, Mar. 9.
- Hysing, Erik G., assignor to Aktiebolaget Kontrollinstrument, Stockholm, Sweden. Apparatus for producing perspective drawings. 2,669,025, Feb. 16.
- Hysko, John L.: *See*—
 Gardner, Leland A., and Hysko.
- Hysko, John L., B. Ostendorf, Jr., W. T. Rea, and E. F. Watson, to Bell Telephone Laboratories, Inc. 2,683,189, Cl. 178—66.
- Hyslop, Mildred T., Del Rio, Tex. Sterile syringe and an adaptable needle. 2,665,688, Jan. 12.
- Hyster Co.: *See*—
 Ehmann, Leslie G. 2,674,387.
 Ehmann, Leslie G. 2,681,162.
 Shoemaker, Robert C.
- Hytron Radio & Electronics Co., assignee: *See*—
 Sokolov, David A.
- Hytte, Robert P. L., to Aktiebolaget Separator. 2,687,876, Cl. 257—245.
- I. D. Co.: *See*—
 Katzman, Abe. 2,689,060.
- I. D. Watch Case Co., Inc., assignee: *See*—
 Dinstman, Hyman.
- I. Q. Baseball Machine Corp.: *See*—
 Emilian, Albert L. 2,690,169.
- I-T-E Circuit Breaker Co.: *See*—
 Blackburn, Herbert K. 2,685,016.
 Bodenschatz, August. 2,689,893.
 Brumfield, John C.
 Brumfield, John C. 2,678,359.
 Caswell, Arthur S. 2,678,976.
 Diebold, Edward J. 2,693,569.
 Edmunds, William H.
 Foti, Arem. 2,688,667.
 Heberlein, Gustave E.
 Kast, Samuel H. 2,680,795.
 Kradel, Fred L. 2,679,567.
 Myers, Felix E.
 Scott, William M., Jr.
 Scott, William M., Jr. 2,695,345.
 Smith, Roy M. 2,693,514.
 Stratton, Robert L.
 Thumim, Carl. 2,694,759.
 Zeth, Arthur M. 2,676,216.
- ITEM Sociedad de Responsabilidad Limitada, assignee: *See*—
 List, Enrique.
- Iams, Harley A., Princeton, N. J., assignor to Radio Corporation of America. Radio viewing system. 2,668,869, Feb. 9.
- Iarussi, Mike V., and F. F. Fanelli. 2,687,731, Cl. 128—349.
- Iavelli, Teno, to Chrysler Corp. 2,695,696, Cl. 192—85.
- Ibbett Engineering Co. Ltd., The: *See*—
 Green, Maurice R. 2,681,811.
- Ibrahim, Ali: *See*—
 Fatoule, Halmar, and Ibrahim. 2,691,241.
- Icecrafter (Liquidating) Trust, assignee: *See*—
 McShan, Dormon B.
- Iddings, Charles D.: *See*—
 Woolslayer, Homer J., Jenkins, and Iddings. 2,695,081.
 Woolslayer, Homer J., Jenkins, Iddings, and Campbell.
- Iddings, Charles D., C. Jenkins, and E. A. Campbell, to Lee C. Moore Corp. 2,689,137, Cl. 280—425.
- Ide, Whitman D., assignor to Scott & Williams, Incorporated, Laconia, N. H. Pattern means for circular knitting machines and operating same. 2,667,769, Feb. 2.
- Ideal Capsules Limited, assignee: *See*—
 Raliton, Denis E.
- Ideal Electric and Mfg. Co., The: *See*—
 Weaver, Stuart M. 2,692,172.
- Ideal Toy Corporation, assignee: *See*—
 Baggott, Edmund W. 2,675,641.
- Ideal Wrapping Machine Co.: *See*—
 Sergeant, Walter H. 2,681,624.
- Idema, Katrinus: *See*—
 Klijzing, Daniël, and Idema. 2,694,989.
 Klijzing, Daniël, and Idema. 2,694,990.
 Klijzing, Daniël, and Idema. 2,695,010.
- Idler, David G., Kirk, Colo. Device for moving field sprinkler systems. 2,665,941, Jan. 12.
- Idziak, Vincent M., assignee: *See*—
 Hermann, Raymond J. 2,679,434.
- Iffland, Frederick C., Blissfield, Mich. Motor-driven envelope opener. 2,672,930, Mar. 23.
- Ifield, Richard J., Elouera Exeter, New South Wales, Australia, assignor to Joseph Lucas Limited, Birmingham, England. Means for effecting and controlling the supply of liquid fuel to prime movers. 2,667,918, Feb. 2.
- Ifield, Richard J., assignor to Joseph Lucas Limited. 2,674,191, Cl. 103—11.
- Ifield, Richard J., assignor to Joseph Lucas Limited. 2,678,057, Cl. 137—95.
- Ifield, Richard J., to Joseph Lucas Ltd. 2,686,498, Cl. 121—38.
- Ifield, Richard J., to Joseph Lucas (Industries) Ltd. 2,687,291, Cl. 264—14.
- Ifield, Richard J., Dural, New South Wales, Australia, and J. J. Righton, assignors to Joseph Lucas Limited, Birmingham, England. Means for regulating the supply of liquid fuel to internal-combustion prime movers, furnaces, and the like. 2,673,447, Mar. 30.
- Iggesunds Bruks Aktiebolaget: *See*—
 Wahlberg, Nils R. 2,682,566.
- Iglesias, Pedro Q. 2,675,037, Cl. 144—281.
- Iglowski, Rudolph: *See*—
 White, Joseph, and Iglowski. 2,673,992.
- Ihle Mfg. Co.: *See*—
 Ihle, Orden E., and Norman. 2,682,161.
- Ihle, Orden E., and T. Norman, to O. E. Ihle, d. b. a. Ihle Mfg. Co. 2,682,161, Cl. 62—141.
- Ihle, Ludwig A., Philadelphia, Pa. Curb finder for motor vehicles. 2,667,854, Feb. 2.
- Ihrke, Mervin C., to General Electric Co. 2,687,078, Cl. 99—328.
- Ikeda, Mike S. 2,683,479, Cl. 150—37.
- Ikert, George H., to Chicago Metal Hose Corp. 2,683,468, Cl. 138—61.
- Ikse, Janis-Indrikis. 2,696,669, Cl. 32—28.
- Iler, Ralph K.: *See*—
 Alexander, Guy B., and Iler. 2,679,463.
 Armstrong, Thomas J., and Iler. 2,679,483.
 Broge, Edward C., and Iler. 2,680,677.
 Broge, Edward C., and Iler. 2,680,721.
- Iler, Ralph K., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Stabilization of silica sols with lithium hydroxide and product. 2,668,149, Feb. 2.
- Iler, Ralph K., assignor to E. I. du Pont de Nemours and Company. 2,676,148, Cl. 252—28.
- Iler, Ralph K., to E. I. du Pont de Nemours and Co. 2,683,156, Cl. 260—438.
- Iler, Ralph K., to E. I. du Pont de Nemours and Co. 2,692,863, Cl. 252—309.
- Ilford Ltd.: *See*—
 Hercock, Robert J. 2,680,200.
 Kendall, John D., Duffin, and Axford. 2,688,024.
 Kendall, John D., and Sugate. 2,693,472.
 Kendall, John D., Sugate, and Mayo. 2,697,707.
 Kendall, John D., Wood, and Welford.
- Illian, Douglas F., Oak Park, Ill., assignor to General Electric Company. Cyclic control program system. 2,668,589, Feb. 9.
- Illingworth, John E.: *See*—
 Zunick, Michael J., and Illingworth. 2,694,958.
- Illinois Clay Products Co.: *See*—
 West, Howard F., and Veale. 2,688,562.
- Illinois Development Laboratories: *See*—
 Graham, Seymour C. 2,688,551.
- Illinois Development Laboratories, Inc.: *See*—
 Washburn, Ernest L. 2,694,012.
- Illinois Railway Equipment Company, assignee: *See*—
 Johnson, Malcolm S. 2,675,766.
- Illinois Stamping & Mfg. Co., assignee: *See*—
 Palm, George H.

- Illinois Testing Laboratories, Inc.: *See*—
Donath, Edwin W. 2,680,371.
Donath, Edwin W. 2,697,933.
- Illinois Tool Works: *See*—
Burdick, Hugh T. *Re.* 23,878.
Crowther, Edmond C. 2,684,703.
Crowther, Edmond C. 2,684,704.
Crowther, Edmond C. 2,687,862.
Eves, Charles E. 2,685,721.
Knohl, Friedrich K. 2,675,844.
Poupitch, Ougljesa J.
Poupitch, Ougljesa J. *Re.* 23,876.
Poupitch, Ougljesa J. 2,679,880.
Poupitch, Ougljesa J. 2,681,487.
Poupitch, Ougljesa J. 2,681,679.
Poupitch, Ougljesa J. 2,682,693.
Poupitch, Ougljesa J. 2,682,906.
Poupitch, Ougljesa J. 2,692,414.
Poupitch, Ougljesa J. 2,694,188.
Poupitch, Ougljesa J. 2,698,204.
Rees, Clarence A., and Cloutier. 2,695,690.
Saari, Oliver E. 2,696,125.
Seegers, Glen A. 2,696,855.
Stern, William.
Stern, William. 2,685,697.
- Illinois Watch Case Co.: *See*—
Ireland, Ellison S. 2,688,814.
- Ilisley, Ralph W., assignor to The Allbright-Nell Company, Chicago, Ill. Rendering cooker. 2,673,790, Mar. 30.
- Ilune, Georges, Paris, France. Drier for reels of textile fibers. 2,671,276, Mar. 9.
- Imber, Alfred G., to Aladdin Industries Ltd. 2,680,964, Cl. 67—47.
- Imbert, Roger J.: *See*—
Anxionnaz, René, and Imbert. 2,683,964.
- Imberti, Mario R. 2,695,471, Cl. 43—53.5.
- Imblum, Allen J. 2,682,399, Cl. 267—47.
- Imbriaco, Joseph B.: *See*—
Benson, Howard H. J., Jr., and Imbriaco. 2,686,979.
- Imersheim, Mathias, to Graceform-Camlin Corset Co., Inc. 2,696,614, Cl. 2—36.
- Imhausen & Co. G. m. b. H.: *See*—
Imhausen, Karl H., and Krieghoff. 2,684,970.
- Imhausen, Karl H., and P. Krieghoff, to Imhausen & Co. G. m. b. H., and K. H. Imhausen. 2,684,970, Cl. 260—409.
- Imhof, Arthur, La Chaux-de-Fonds, Switzerland. Calendar indicator mechanism. 2,671,307, Mar. 9.
- Imhoff, Donald H., R. P. Vaell, and C. H. O. Berg., to Union Oil Co. of California. 2,689,821, Cl. 196—49.
- Imm, Lewis W.: *See*—
Opocensky, Willard J., and Imm. 2,684,280.
- Imm, Lewis W., Pacoima, assignor to Librascope, Incorporated, Burbank, Calif. Equation solving mechanism. 2,665,069, Jan. 5.
- Imm, Lewis W., assignor to Librascope, Incorporated. 2,678,772, Cl. 235—61.
- Imm, Lewis W., to Librascope, Inc. 2,684,279, Cl. 346—123.
- Imman, William D., and M. E. J. Fuller. 2,695,537, Cl. 81—9.5.
- Immel, Ralph B., and L. Pierce, Williamsville, N. Y., and S. Kmonk, Jr., Wilmerding, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Limit switch operating mechanism. 2,673,468, Mar. 30.
- Immel, Ralph B., and R. T. Kintzing, assignors to Westinghouse Electric Corporation. 2,679,077, Cl. 20—69.
- Immel, Ralph B., and L. Pierce, to Westinghouse Electric Corp. 2,683,506, Cl. 189—36.
- Immermann, Milton: *See*—
Teague, Walter D., Peltz, and Immermann. 2,690,003.
- Immesoete, Arthur J.: *See*—
Oehler, William P., and Immesoete.
Oehler, William P., and Immesoete. 2,687,682.
- Imperial Brass Mfg. Co., The: *See*—
Franck, George E. 2,680,980.
- Imperial Chemical Industries Ltd.: *See*—
Adams, Dennis A. W., and Wilson.
Allberry, Edward C., and Hawkins. 2,687,358.
Ashcroft, Donald G. 2,682,983.
Ashcroft, Donald G., and Pitcairn.
Baird, William, Jones, and Macarthur.
Barnes, Ronald S., and Smith. 2,689,247.
Barton, Edmund. 2,692,657.
Barton, James. 2,684,898.
Boon, William R., and Vasey.
Bowden, Cyril H., and Cooke. 2,698,287.
Browning, John. 2,678,285.
Buckley, Gerard D., and Ray.
Buist, Jack M., and Jamin.
Bulst, Jack M., and Jamin. 2,677,187.
Burgess, Arthur R.
Burrage, Leslie J., and Beveridge. 2,674,569.
Chadwick, Richard, and Hobbs. 2,692,410.
Challis, Anthony A. L. 2,691,624.
Challis, Anthony A. L. 2,695,267.
Charlton, William, and Rutter. 2,676,164.
Coffey, Samuel, Fairweather, and Hathway. 2,685,582.
Davidson, Samuel H. 2,680,067.
Davidson, Samuel H., and Rigby. 2,680,068.
Dobson, Leslie. 2,675,682.
Edgar, Owen B., and Jacob. 2,683,100.
- Imperial Chemical Industries Ltd.: *See*—Continued.
Elleman, Albert J.
Fielden, Richard J., and Wilkinson. 2,675,380.
Foxon, Gordon H.
France, Harold. 2,681,344.
France, Harold, and Jones. 2,681,345.
France, Harold, and Jones. 2,681,346.
Ganguin, Karl O., and Macdonald. 2,688,538.
Ganguin, Karl O., and Macdonald. 2,688,540.
Ganguin, Karl O., and Macdonald. 2,688,541.
Garrett, Donald A. 2,698,418.
Gay, Peter F. 2,682,903.
Harrison, Francis R., and Twitchett. 2,681,338.
Harvey, Bernard G. 2,689,165.
Harvey, Philip G. 2,688,042.
Harvey, Phillip G., and Ackroyd. 2,694,091.
Hendry, James A., Homer, and Rose. 2,675,386.
Howell, William N., and Hill. 2,693,445.
Hudson, John H.
Hutchison, Alexander C. 2,682,461.
Jarvis, Frank W. 2,688,920.
Johnstone, Cecil, and Marke. 2,695,258.
Jones, David G. 2,686,814.
Kopsch, Ulrich. 2,693,998.
Levy, Norman, and Greenhalgh. 2,683,753.
Lindgren, Hans O.
Lofthouse, Eric. 2,687,995.
Manning, John, and MacLennan. 2,687,946.
Manning, John, and MacLennan. 2,687,947.
Mawer, Frank C. 2,684,980.
Morley, Ronald J.
Morris, George.
Percy, Nathaniel.
Ray, Nell H.
Reed, Hugh W. B. 2,686,208.
Reed, Hugh W. B. 2,686,209.
Reynolds, Peter W., Dowden, and Mackenzie.
Reynolds, Peter W., and Pittwell. 2,694,049.
Rigby, Charles H.
Rose, Francis L., and Swain. 2,684,924.
Rudge, Alfred J., Hill, and Howell. 2,684,940.
Seed, John B.
Shaw, Harry, Thompson, and Wood. 2,680,093.
Sowie, Charles T. Y. 2,681,271.
Taylor, Henry. 2,684,960.
Taylor, James, and Gregg.
Taylor, James, Lowe, and Cooke. 2,677,605.
Thomson, Robin H. K.
Vasey, Charles H. 2,676,176.
Whitworth, Edward.
Wood, Harold B. 2,686,933.
Zenftman, Henryk. 2,674,590.
Zenftman, Henryk. 2,675,339.
- Imperial Knife Co., Inc.: *See*—
Mirando, Michael A. 2,689,400.
- Imperial Talc Company, Inc., assignee: *See*—
Cohen, Herman.
- Imperial Typewriter Company Limited, The, assignee: *See*—
Bumhill, Claude W., and Pateman.
- Imper, Charles E.: *See*—
Burgess, Everett H., and Imper. 2,697,177.
- Improta, Joseph. 2,677,396, Cl. 139—370.
- Imshaugh, Arnold L. 2,685,136, Cl. 33—147.
- Incedon, Arthur E., St. Albans, N. Y. Two-film camera. 2,672,796, Mar. 23.
- Incro, Inc., assignee: *See*—
Schmid, Herman, and Hobush. 2,678,739.
- Independent Eastern Torpedo Co., The: *See*—
Kingston, Benson M. 2,695,671.
- Independent Lock Co.: *See*—
Erkkila, Andrew. 2,690,347.
Erkkila, Andrew. 2,693,692.
- Indge, Herbert S., to Norton Co. 2,695,479, Cl. 51—131.
- Indian Archery & Toy Corporation, assignee: *See*—
Koch, William H.
- Indiana Steel & Wire Co.: *See*—
Burns, Richard H. 2,685,123.
- India-Rubber, Gutta Percha & Telegraph Works Company Limited, The, assignee: *See*—
Webb, John and D.
- Indoor Golf Co.: *See*—
Warns, Jerome L., and H. J. 2,682,408.
- Industriaktiebolaget Luxor: *See*—
Wennerho, Erik, and Svensson. 2,689,734.
- Industrial Clutch Corp.: *See*—
Eason, Clarence M. 2,674,356.
Eason, Clarence M. 2,684,742.
- Industrial Development Engineering Associates, Inc., assignee: *See*—
Fathauer, George H. 2,677,769.
- Industrial Electronics, Inc.: *See*—
Scothorn, Thomas R. 2,687,499.
- Industrial and Financial Assn., Inc.: *See*—
Beetz, Pierre.
Delruelle, Andre. 2,684,158.
- Industrial Machine and Tool Inc.: *See*—
Baber, Glen. 2,691,267.
- Industrial Machinery Co. Ltd.: *See*—
Policansky, Hyman. 2,695,618.
- Industrial Patent Corp.: *See*—
Wales, Nathaniel B. 2,686,330.

- Industrial Rayon Corp.: *See*—
Hooper, Gilman S., and Solomon. 2,692,185.
Huber, Alfred A. 2,681,189.
Malm, Lawrence L. 2,684,728.
Mayner, Thomas S. 2,681,140.
McLellan, Kenneth M. 2,684,584.
- Industrial Research, Inc.: *See*—
Gulick, Harold M., and Stedman. 2,687,448.
Gulick, Harold M., and Stedman. 2,687,449.
- Industrial Research Institute of the University of Chattanooga, assignee: *See*—
Coulliette, James H.
- Industrial Synthetic Corp.: *See*—
Kaufman, Albert A. 2,686,337.
- Industrial Wire Cloth Products Corp.: *See*—
Kaestner, Thankmar W. 2,686,489.
Storms, Edgar C. 2,686,596.
- Ine, Frank H., Milwaukee, Wis. Fowl tendon pulling machine. 2,669,748, Feb. 23.
- Ine, Frank H. 2,691,956, Cl. 118—1.
- Infanger, Arthur W., to The Cowles Co. 2,682,811, Cl. 92—34.
- Infilco Incorporated, assignee: *See*—
Hughes, Walter J. 2,675,758.
Kalinske, Anton A. 2,678,913.
Kalinske, Anton A. 2,678,914.
Kalinske, Anton A. 2,678,915.
Kalinske, Anton A. 2,678,916.
Kalinske, Anton A., and Gillard. 2,678,912.
- Ingalls, Clyde E., and R. I. Hulsizer, to the United States of America as represented by the Secretary of the Navy. 2,687,472, Cl. 250—20.
- Ingalls Shipbuilding Corporation, The, assignee: *See*—
Williamson, Boyce.
- Ingels, James J. 2,680,466, Cl. 153—2.
- Ingersoll, Homer H., to The Meyercoed Co. 2,687,005, Cl. 60—23.
- Ingersoll, Horton H.: *See*—
Hammer, Thomas R., Ingersoll, and Hodges.
- Ingersoll Milling Machine Co., The: *See*—
Bowen, Earl M.
Kaiser, Karl B. 2,680,391.
Kaiser, Karl B. 2,685,823.
Strachan, John M.
- Ingersoll-Rand Co.: *See*—
Anderson, James H. 2,675,172.
Bancel, Paul A.
Dick, George M. 2,684,092.
Ditson, J. D. 2,678,056.
Hornschuch, Hanns. 2,679,414.
Jimerson, Francis A. 2,691,434.
Lincoln, Paul A. 2,692,756.
Ostwald, Richard.
Worster, Arthur R., and Holvenstot.
- Ingersoll, Roy C., Winnetka, assignor to Borg-Warner Corporation, Chicago, Ill. Automatic receiving and ejecting means for presses. 2,667,853, Feb. 2.
- Ingersoll, Ward H.: *See*—
Sullivan, John J., Martell, and Ingersoll.
- Ingersoll, Ward H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Magnetic clutch. 2,665,789, Jan. 12.
- Ingersoll, Ward H., to Minneapolis-Honeywell Regulator Co. 2,691,130, Cl. 323—75.
- Ingham, Robert M., Jr., Spartanburg, assignor to Deering Milliken Research Trust, near Pendleton, Oconee County, S. C. Filling grate for looms. 2,672,895, Mar. 23.
- Ingle, Donald P., to All Star Products, Inc. 2,694,782, Cl. 313—75.
- Inglesby, Joseph, Brooklyn, N. Y. Carburetor air cleaner and humidifier. 2,669,319, Feb. 16.
- Ingraham, E., Company, The, assignee: *See*—
Kohlhagen, Walter. 2,677,776.
Kohlhagen, Walter. 2,679,722.
Tetro, Roland C.
- Ingraham, Elmer C., to the United States of America as represented by the Secretary of the Navy. 2,685,069, Cl. 333—98.
- Ingraham, Harold O. C., Sharon, Conn., and J. D. Sundry, Savannah, Ga., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Conveyor. 2,664,592, Jan. 5.
- Ingraham, Robert C., to Sylvania Electric Products Inc. 2,697,268, Cl. 29—25.1.
- Ingraito, Francesco, to Società Rhodiatoce S. p. A. 2,697,009, Cl. 300—2.
- Ingram, James R., Dallas, Tex. Roller bracket for lawn mowers. 2,667,026, Jan. 26.
- Ingram, John T., to Ford Motor Co. 2,685,474, Cl. 296—97.
- Ingram, Orville, assignor to Unitcast Corporation. Re. 23,814, Cl. 105—406.
- Ingram, Orville. 2,682,233, Cl. 105—311.
- Ingram, Orville, Alexandria, Va., and N. T. Anderson, Washington, D. C. Pintle type hinge for floor racks and the like. 2,672,645, Mar. 23.
- Incrassia, Angelo P., assignor to Masonite Corporation, Laurel, Miss. Reducing-sugar modified aniline-phenol-formaldehyde resins. 2,666,037, Jan. 12.
- Ingre, Rudolf W.: *See*—
Eilertsen, Aage, Ingre, Jørgensen, and Wikström. 2,692,304.
- Ingres, Jeannot G.: *See*—
Hill, Edward G., and Ingres. 2,680,349.
- Ingsinger, Thomas H., Jr., to Koppers Co., Inc. 2,692,234, Cl. 252—71.
- Ingwer, Carl H., assignor to The Ridge Tool Company, Elyria, Ohio. Tool supporting tray. 2,666,609, Jan. 19.
- Ingwer, Carl H., to The Ridge Tool Co. 2,680,984, Cl. 81—101.
- Ingwer, Carl H., and C. E. Wright, assignors to The Ridge Tool Company. 2,679,686, Cl. 30—97.
- Ingwer, Carl H., and C. E. Wright, assignors to The Ridge Tool Co. 2,680,256, Cl. 10—122.
- Ingwer, Carl H., and H. Beavis, to The Ridge Tool Co. 2,680,861, Cl. 10—120.5.
- Ingwersen, Richard C., assignor to Mechanical Products, Inc., Jackson, Mich. Electric circuit breaker. 2,665,347, Jan. 5.
- Ingwersen, Richard C., assignor to Mechanical Products, Inc., Jackson, Mich. Circuit breaker. 2,668,886, Feb. 9.
- Ingwersen, Richard C., to Mechanical Products, Inc. 2,689,895, Cl. 200—114.
- Ingwersen, Richard C., to Mechanical Products, Inc. 2,694,122, Cl. 200—116.
- Inhoffen, Hans H., and F. Bohlmann, Braunschweig, Germany. Manufacture of beta-carotene. 2,671,112, Mar. 2.
- Injection Molding Co.: *See*—
Barton, Murray M. 2,678,471.
Gray, Robert F. 2,681,097.
Marchant, Paul A. 2,684,789.
- Inland Steel Company, assignee: *See*—
Coffman, Alvin, and Marshall. 2,677,562.
Luellen, Leland B. 2,679,389.
Miller, Reginald M.
Pietsch, Leonard C.
- Inland Steel Products Company, assignee: *See*—
Tenenbaum, Michael.
Yates, James L. 2,679,914.
- Inman, Charles E.: *See*—
McCoy, George, and Inman. 2,686,202.
- Inman, Jack G., Carrollton, Ill. Holder for spools of wrapping cord. 2,672,305, Mar. 16.
- Inman, Walter A., assignor to Waukegan Baby Seat Co. 2,676,331, Cl. 4—239.
- Inman, Walter A., assignor to Waukegan Baby Seat Co. 2,676,332, Cl. 4—239.
- Inman, William H., to Bloomer Bros. Co. 2,686,002, Cl. 229—39.
- Inman, William H., to Bloomer Bros. Co. 2,686,629, Cl. 229—39.
- Innes, Robert H., to Perga Containers Ltd. 2,687,840, Cl. 229—51.
- Insley, Bert T., San Francisco, Calif., assignor, by mesne assignments, to The Edwin Corporation. Beating device for cleaning dust mops. 2,665,438, Jan. 12.
- Insley Mfg. Corp.: *See*—
Bushong, Robert J., and Montgomery. 2,688,411.
- Institut International Financier of Eschen: *See*—
Müller, Hans F. 2,683,706.
- Institute of Gas Technology, The: *See*—
Pettyjohn, Elmore S. 2,676,913.
- Riesz, Charles H., and Lurie. 2,692,193.
- Institute of Inventive Research, The, assignee: *See*—
Poulter, Thomas C.
Slick, Thomas B., Brown, and Metcalf.
- Institute of Paper Chemistry, The: *See*—
Pearl, Irwin A. 2,675,404.
Wolfe, Dexter L., and Ruddy. 2,686,748.
- Instrument Development Laboratories, Inc.: *See*—
Bentley, Edward P. 2,686,452.
- Instruments, Inc., assignee: *See*—
Graham, Ollie W. 2,674,363.
- Insul, Jack, Chicago, Ill. Warning signal. 2,673,545, Mar. 30.
- Intagliata, Dominic T., St. Louis, Mo. Reverse cycle heating and cooling system. 2,664,721, Jan. 5.
- Interchemical Corp.: *See*—
Booth, Arthur. 2,691,005.
Carlick, Daniel J.
Euverard, Maynard R. 2,679,208.
Euverard, Maynard R. 2,679,236.
Euverard, Maynard R. 2,679,237.
Kumins, Charles A. 2,683,154.
Lee, Samuel, and Siepert. 2,689,162.
Nichols, Joseph. Re. 23,893.
Nichols, Joseph. 2,683,126.
Rolle, Clifford J., and Van Kirk.
Schneid, Alfred F., and Resnick. 2,695,302.
Smith, William T., Euverard, and Callahan. 2,682,769.
Yuska, Henry, and Hanle. 2,684,345.
Yuska, Henry, Tringali, and Hanle. 2,677,671.
- Inter-City Mfg. Co., Inc.: *See*—
Pisano, Albert J. 2,687,313.
- Interior, United States of America as represented by the Secretary of the: *See*—
Parry, Vernon F.
Wender, Irving, and Orchin. 2,682,562.
- Interior, United States of America as represented by the Solicitor of the Department of the: assignee: *See*—
Buehl, Russell C., and Royer. 2,687,952.
Cotter, Perry G. 2,679,452.
Runke, Sidney M.
Schack, Carl H., and Dean.

- Interlake Iron Corporation, assignee: *See*—
Campbell, Henry W., and Johnson.
- Interlock Corp.: *See*—
Hubbell, Harvey, and Modrey.
Modrey, Henry J. 2,671,774.
Modrey, Henry J. 2,676,822.
Modrey, Henry J., and Healy. 2,698,423.
- Interlocking Fence Company, assignee: *See*—
Getz, John B.
- International Basic Economy Corporation, assignee: *See*—
Russell, Robert P. 2,680,416.
- International Business Machines Corp.: *See*—
Bakelaar, John H., Oldenboom, and Bleuer. 2,684,746.
Beattie, Horace S. 2,698,136.
Beattie, Horace S., Page, and Kerbin. 2,687,086.
Beiderbecke, Charles H., and Palmer. 2,675,113.
Benson, Alfred B., and Henry. 2,693,316.
Bergfors, Carl A.
Blakely, Robert T. 2,689,508.
Blodgett, Edwin O. 2,684,745.
Brand, Samuel, and Hancy. 2,690,221.
Carroll, Fred M. 2,687,090.
Chapman, Bert. 2,678,095.
Coonradt, Teall, and Freunderfer. 2,690,550.
Crowell, Arnold B. 2,687,087.
Dayger, Jonas E., and Miller. 2,681,615.
Dickinson, Arthur H.
Doty, Charles R. 2,675,231.
Femmer, Max E. 2,675,473.
Femmer, Max E. 2,693,533.
Fitch, Clyde J. 2,682,043.
Furman, Frank J., Kistner, and Read. 2,687,250.
Gardiner, Elliott W., and Jones. 2,682,833.
Goodale, Kenneth S., and Kilcrease. 2,687,199.
Havens, Byron L.
Haynes, Munro K. 2,695,993.
Hendrich, Henry A.
Johnson, Reynold B., Jurgens, and Moneagle. 2,684,719.
Koehler, Robert B. 2,690,525.
Kropp, Willis A. 2,695,491.
Larrabee, Clinton E., and Young. 2,695,492.
Leathers, Ward. 2,686,235.
Luhn, Hans P. 2,684,718.
Luhn, Hans P. 2,690,298.
Luhn, Hans P. 2,693,144.
Luhn, Hans P. 2,698,075.
McCoy, Ralph E. 2,696,848.
McMillan, Wilbur M. 2,687,253.
Morris, George F. 2,678,098.
Orshansky, Elias, Jr. 2,689,532.
Paris, Robert E. 2,695,558.
Pheips, Byron E. 2,678,173.
Rabenda, Edward J.
Read, Harold L. 2,690,297.
Reitfort, Henry A.
Roth, Robert I. 2,690,549.
Roth, Robert I. 2,695,668.
Roth, Robert I. 2,696,420.
Roth, Robert I. 2,697,649.
Sebesta, Alfred C. 2,675,170.
Sponsler, John B. 2,690,523.
Stauss, Karl R.
Steinberg, Richard K. 2,685,049.
Steinberg, Richard K. 2,693,552.
Tholstrup, Henry L. 2,689,686.
Wagner, John L., and Holmwood. 2,693,277.
Wales, Nathaniel B., Jr. 2,675,504.
Wales, Nathaniel B., Jr. 2,687,496.
Wilson, Lawrence A. 2,690,300.
Wilson, Lawrence A. 2,690,301.
Wilson, Lawrence A., Dayger, Babel, and Stanton. 2,690,222.
Winger, Wayne D., and Femmer. 2,695,992.
Woods-Hill, William, and Davis. 2,690,507.
- International Business Services Ltd., assignee: *See*—
Keller, Bernhard. 2,679,998.
- International Cellucotton Products Co.: *See*—
Bletzinger, John C., and Sager. 2,690,598.
Burger, William H., Collins, and Ruth. 2,688,163.
Caston, Ralph H., and Zabel. 2,675,916.
Graef, John M., Harwood, and Sabee.
Greiner, Charles J., Graef, Collins, Burger, and Sabee. 2,690,597.
Greiner, Charles J., and Sabee. 2,675,747.
- International Cigar Machinery Co., assignee: *See*—
Clausen, Sigurd, and Neumair.
Wheeler, Henry H. 2,675,810.
- International Combustion (Holdings) Limited, assignee: *See*—
Harlow, Walter F., and Edwards. 2,675,716.
- International Dairy Engineering Company, assignee: *See*—
Turnbow, Grover D.
- International Electronics Co., The: *See*—
Dashiell, Daniel H., and Bobb. 2,686,637.
Dashiell, Daniel H., and Bobb. 2,695,785.
Lang, Albert P. 2,698,183.
Reed, Frank J., and Bobb. 2,675,973.
Reed, Frank J., and Bobb. 2,686,845.
Roberts, Bruce. 2,694,110.
Roberts, Bruce. 2,698,359.
Stone, Burnham, E.
- International Harvester Co.: *See*—
Aasland, John L. 2,677,377.
Bauman, Jack L.
Beardsley, Gale R. 2,680,520.
Bechman, William O. 2,690,933.
Blaydes, Frederick T. 2,674,168.
Borgerd, William F. 2,682,757.
Borgerd, William F. 2,682,960.
Borgerd, William F. 2,688,460.
Borgerd, William F. 2,690,649.
Boyd, Roy W., Van Vooren, and Ruehl. 2,688,178.
Brantingham, Paul T.
Brink, Theodore R., Beaudry, and Longdon.
Calling, John. 2,674,101.
Calling, John, and Borgerd. 2,690,940.
Calling, John, and Borgerd. 2,694,607.
Clark, Adna R. 2,677,251.
Clark, Adna R., and Sulcek. 2,682,756.
Courtney, Joseph F. 2,686,018.
Courtney, Joseph F., and Radtke. 2,685,763.
Courtney, Joseph F., and Radtke. 2,690,628.
Cutliff, Norman J., and Brogan.
Derr, Elmer B.
Drummond, William D.
Fell, George W., Jr. 2,674,330.
Finne, Jacob Von Straten. 2,690,638.
Galazzi, Joseph A. 2,682,753.
Galazzi, Joseph A., and Harris. 2,674,430.
Gaul, Edward M. 2,682,856.
Haas, Clarence C. 2,694,356.
Hagen, Clarence R., and Hulseberg. 2,688,223.
Hagen, Clarence R., and Nickla. 2,697,005.
Harris, Arvel R. 2,682,758.
Harris, Charles D. 2,688,234.
Harris, Charles D., Eichhorn, Prosek, and McNamara.
Harris, Charles D., and Galazzi.
Harstick, William H. 2,694,380.
Harstick, William H., and Hodsdon.
Heckendorf, Howard A. 2,674,406.
Heckendorf, Howard A. 2,682,992.
Heckendorf, Howard A. 2,685,884.
Heckendorf, Howard A. 2,690,734.
Heim, Roy A. 2,694,298.
Hein, Harold W. 2,680,411.
Hein, Harold W. 2,680,553.
Hein, Harold W. 2,694,379.
Hintz, Otto E. 2,682,743.
Hintz, Otto E., Carlson, and Miner.
Huddle, Edwin F., and Carlson.
Hyman, Benjamin M. 2,677,226.
Hyman, Benjamin M., and Millard.
Johnson, Arnold E. W., and Orelind.
Johnson, Samuel G., and Hausmann. 2,686,061.
Koeber, Theodore H., and Smith. 2,680,642.
Knopp, Harold E., and Batson. 2,688,650.
Knopp, Harold E., and Majer. 2,694,773.
Kriegbaum, George M.
Kriegbaum, George M., and Haas. 2,690,860.
Land, Harry A. 2,683,064.
Lindblom, Carl A.
Marks, Edwin M. 2,696,716.
McDonald, Edwin P., and Conlogue.
McNamara, Gordon G., Jr.
Millard, Lee P., and Allen. 2,682,948.
Morkoski, James. 2,674,170.
Morkoski, James. 2,682,819.
Morkoski, James, and Walker. 2,688,225.
Mott, Carl W. 2,696,889.
Nickla, Louis E.
Oberley, Alton F., and Schrimshaw. 2,688,183.
Orendorff, John W., and Clark. 2,690,640.
Ozmina, Walter E. 2,682,880.
Pedersen, Holger. 2,674,066.
Penfold, Ronald E. 2,680,534.
Peterson, Walter R. 2,674,463.
Peterson, Walter R., and Radtke. 2,690,833.
Phillips, Fae C. 2,677,147.
Pool, Stuart D., and Karlsson.
Pool, Stuart D., and Melin.
Pool, Stuart D., and Shager. 2,680,624.
Poynor, Russell R. 2,682,729.
Prosek, John R. 2,674,105.
Prosek, John R., and Galazzi. 2,694,296.
Prosser, Clinton D. 2,694,280.
Radtke, Adelbert C. 2,680,272.
Radtke, Adelbert C., and Fletcher. 2,693,429.
Raney, Russell R.
Raney, Russell R., and Bornzin. 2,685,804.
Ruehl, Harold. 2,682,860.
Schwenker, Eric H. 2,688,235.
Simon, Ferdinand J. Re. 23,862.
Smith, Hiram P., and James. 2,682,818.
Suggs, Charles W. 2,677,554.
Sutch, George T. 2,696,777.
Swiderski, Steve S. 2,688,399.
Toland, Wayne G., and Pierson. 2,682,822.
Vogel, Hilmond O.
Voigt, August C.
Walker, Delos A., and Gross.
Wallenbrock, Ralph E., and Kightly. 2,680,350.
Walter, Leonard G., Jr. 2,688,733.
Waterman, Howard L. 2,694,283.
- International Hormones, Inc.: *See*—
Barsel, Norman. 2,691,662.

- International Latex Corp.: *See*
 Andrews, Fred W. 2,695,025.
 Owen, Harold A. 2,687,158.
- International Minerals & Chemical Corp.: *See*—
 Atwood, George E. 2,689,649.
 Barclay, Charles E., and Sturm. 2,696,933.
 Dancy, William B. 2,684,285.
 Dancy, William B. 2,689,041.
 Dancy, William B., and MacDonald. 2,687,339.
 Ellis, Eugene D. 2,687,961.
 Hac, Lucile R. 2,687,369.
 Hoglan, Forest A. 2,688,037.
 Weidman, Samuel H. 2,683,739.
- International Mutoscope Corp.: *See*—
 Rabkin, William, and Baron. 2,681,842.
- International Nickel Co., Inc., The: *See*—
 Buck, Mortimer P., Crumley, and Leaberry. 2,686,860.
 Cook, Wilfred J., Barker, and Tuck. 2,686,757.
 Gordon, James R., Norman, Queneau, Sproule, and Young.
 Hersch, Paul.
 Hignett, Harold W. G. 2,689,178.
 Le Grand, Pierre E., and Kihlgren. 2,686,715.
 Mills, Keith D., Gagnebin, and Pilling. 2,675,308.
 Mills, Keith D., Gagnebin, and Pilling. 2,690,392.
 Rhodes, Edwin C., and Gainsbury. 2,681,860.
 Wilson, Hugh M. 2,686,442.
- International Packaging Corporation, assignee: *See*—
 Demler, Ray C.
- International Paper Co.: *See*—
 Baumann, Martin M. 2,691,500.
 Baumann, Martin M. 2,696,356.
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 Evers, Arthur J. 2,691,328.
 Evers, Arthur J. 2,691,329.
- International Postal Supply Co., The: *See*—
 Persson, Ernest. 2,693,754.
- International Projector Corp.: *See*—
 Borberg, Willy. 2,689,021.
 Hallander, Elvin E.
 Stephans, J. Larry. 2,686,067.
- International Register Co.: *See*—
 Gallagher, John R. 2,679,602.
 Gallagher, William P. 2,681,444.
 Gallagher, William P., and Stolle.
 Gallagher, William P., and Weber.
- International Sales Company, assignee: *See*—
 Marble, Harold A.
- International Shoe Co.: *See*—
 Diessel, Anton E. 2,694,819.
- International Shoe Machine Corp.: *See*—
 Roderick, Manuel J. 2,694,817.
- International Smelting and Refining Company, assignee: *See*—
 Meltreder, Frank, and Noddings. 2,674,715.
- International Standard Electric Corp.: *See*—
 Adelaar, Hans H. 2,689,910.
 Bailey, Robert S.
 Beale, Evelyn S. L. 2,678,406.
 Beveridge, John C. 2,677,879.
 Billings, William A., and Brzozowski. 2,696,227.
 Bosse, Heinrich. 2,686,265.
 Braddurd, Ervin M. 2,681,953.
 Braddurd, Ervin M., and Alter. 2,677,809.
 Brown, Andrew, and Tomlin. 2,696,553.
 Capelli, Marino P. G. 2,686,302.
 Christensen, Einar. 2,686,842.
 Cole, Reginald A. L., and Krause.
 Compare, Renato. 2,678,436.
 Critch, John H. G. 2,678,171.
 Deakin, Gerald. 2,686,836.
 Deakin, Gerald. 2,696,525.
 Den Hertog, Martinus. 2,678,354.
 Den Hertog, Martinus. 2,686,839.
 Den Hertog, Martinus. 2,686,840.
 Den Hertog, Martinus. 2,694,753.
 Den Hertog, Martinus, de Zeeuw, and Adelaar. 2,688,662.
 Den Hertog, Martinus, and De Zeeuw. 2,694,751.
 Den Hertog, Martinus, and Lens.
 De Santis, Vincent J., Hunter, and Majkrzak. 2,681,876.
 Eaglesfield, Charles C. 2,678,350.
 Earp, Charles W. 2,683,213.
 Eggers, Hans.
 Goerlich, Reinhard.
 Gohorel, Fernand P.
 Grover, Eric H. 2,680,159.
 Hartley, George C., Bray, and Branch. 2,686,224.
 Hauer, Werner. 2,690,478.
 Henquet, André J., and Salvador. 2,683,214.
 Hough, George H., and Jackson. 2,686,273.
 Lair, Julien J. B. 2,691,727.
 Lambert, Donovan E. C. 2,680,229.
 Lens, Georges X. 2,689,657.
 Mathzeit, Erich, Ziegler, and Schröder. 2,679,990.
 Mauge, Marcel R. 2,692,917.
 Maver, Simon E., and Sterling. 2,695,380.
 McLeod, Thomas S.
 Montchaussé, André J. 2,686,226.
 Montchaussé, André J., and Dautry. 2,691,700.
- International Standard Electric Corp.: *See*—Continued.
 Odell, Alexander D. 2,688,695.
 Reinhard, Wolfgang, and Rappold. 2,694,784.
 Ridler, Desmond S.
 Rogers, Douglas C., and Marsh. 2,686,272.
 Roussel, Paul A. H.
 Setzer, Logan E., and Watts, Jr. 2,689,345.
 Sichak, William. 2,677,767.
 Starr, Arthur T., White, Cinderey, Matthews, and Cooke. 2,680,220.
 Staschover, Leo.
 Stieltjes, Frederik H. 2,696,526.
 Terry, Victor J., Dunn, and Collier. 2,694,802.
 Urtel, Rudolf. 2,683,215.
 Urtel, Rudolf. 2,691,743.
 Van Mierlo, Stanislas. 2,688,661.
 Van Mierlo, Stanislas, and Aigrain.
 Violet, André, and Cornilleau.
 Wright, Esmond P. G.
 Wright, Esmond P. G., and Rice.
 Wright, Esmond P. G., Ridler, Weir, and Rice. 2,694,752.
 Wroe, Henry N. 2,686,228.
- International Steel Co.: *See*—
 Blanning, Harry K. 2,683,427.
 Mase, Joseph A. 2,680,179.
- International Steel Wool Corp.: *See*—
 Seelenbinder, Robert P. 2,696,629.
- International Telephone and Telegraph Corp.: *See*—
 Baracket, Albert J., and Stein. 2,686,833.
 Bellamy, John I. 2,689,883.
 Bellamy, John I., and Arthur.
 Bellamy, John I., and Bowser. 2,674,657.
 Bellamy, John I., and Hemminger. 2,688,738.
 Boyer, Richard P., Jr. 2,685,052.
 Boyer, Richard P., Jr. 2,686,841.
 Brodie, George H.
 Bruckman, William C., and Kreitchman. 2,687,861.
 Casabona, Anthony M. 2,685,688.
 Chambers, William M. 2,680,182.
 Cuniff, Thomas W. 2,681,989.
 De Rosa, Louis A.
 Earle, Edwin L. 2,686,850.
 Garraway, Richard E. 2,678,346.
 Hancock, Peter L. 2,697,220.
 Hutton, Robert W. 2,682,577.
 Kreitchman, Morton A.
 Phillips, Thomas R. 2,682,018.
 Sichak, William, and Augenblick. 2,697,209.
 Stone, Leland G. 2,674,016.
 Vallarino, Antonio R., and Lewinter. 2,685,642.
- Internationella Siporax Aktiebolaget: *See*—
 Olsson, Karl G., and Göransson. 2,694,846.
- Inter-Seal Corporation, assignee: *See*—
 Greene, Edgeworth.
- Interstate Folding Box Company, The, assignee: *See*—
 Back, Leonard.
- Inter-State Iron Co.: *See*—
 Sleeman, Clarence H. 2,698,089.
- Intertherm A. G. Fabrik für Elektrische Apparate (Intertherm S. A. Fabrique d'Appareils Électriques): *See*—
 Durand, Francois, and Belaieff. 2,682,351.
- Intertype Corp.: *See*—
 Freund, Herman R.
 Freund, Herman R. 2,685,959.
- Interwoven Stocking Co.: *See*—
 Thurston, Paul L. 2,680,961.
- Inventa A-G. fuer Forschung- und Patentverwertung Luzern: *See*—
 Gabler, Rudolf. 2,687,552.
 Günther, Ulrich. 2,687,667.
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 Kümmel, Paul. 2,681,266.
 Messner, George. 2,676,358.
- Invention Development Corporation, assignee: *See*—
 Odland, Alfred O.
- Inventions Development Co. Ltd.: *See*—
 Kozakewich, John. 2,697,958.
- Invincible Metal Furniture Co., assignee: *See*—
 Schuette, John A. 2,679,992.
- Ioannilli, Joseph R.: *See*—
 Ashworth, Fred, and Ioannilli. 2,684,494.
 Ashworth, Fred, and Ioannilli. 2,684,648.
- Ionics, Inc.: *See*—
 Juda, Walter. 2,692,855.
 Katz, William E., and Rosenberg. 2,694,680.
- Iowa State College Research Foundation, Inc., assignee: *See*—
 Sweeney, Orland R., Arnold, and Long.
- Ipatieff, Vladimir N.: *See*—
 Pines, Herman, and Ipatieff. 2,688,044.
- Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Bis-hydronopyl ether and production thereof. 2,671,114, Mar. 2.
- Ipatieff, Vladimir N., H. Pines, and B. Kvetinskas, assignors to Universal Oil Products Company, Chicago, Ill. Noncatalytic isomerization of aromatic compounds. 2,671,120, Mar. 2.
- Ipatieff, Vladimir N., and H. Pines, to Universal Oil Products Co. 2,694,730, Cl. 260—598.
- Ipsen, Harold N. 2,681,136, Cl. 198—221.
- Ipsen, Harold N. 2,688,808, Cl. 34—219.

- Ipsen, Peter G.: *See*—
Sheppard, Raymond, and Ipsen.
- Iredell, Robert, C. R. Kolk, and E. A. Schreier, assignors to The General Tire and Rubber Company, Akron, Ohio. Apparatus for storing and feeding web material. 2,671,495, Mar. 9.
- Iredell, Robert III, assignor to The General Tire and Rubber Company. 2,674,370, Cl. 206—46.
- Iredell, Robert, III, to The General Tire and Rubber Co. 2,683,007, Cl. 248—8.
- Irelan, Ellison S., to Illinois Watch Case Co. 2,688,814, Cl. 41—10.
- Ireland, Henry W. T., assignee: *See*—
McGill, Henry.
- Ireland, John D.: *See*—
Grekel, Howard, Pace, and Ireland.
- Ireland, Murray, assignor to McGraw Electric Company. 2,674,133, Cl. 74—504.
- Ireland, Murray, to McGraw Electric Co. 2,693,142, Cl. 99—391.
- Ireland, Murray, to McGraw Electric Co. 2,693,143, Cl. 99—391.
- Ireland, Murray, to McGraw Electric Co. 2,694,766, Cl. 219—25.
- Ireland, Robert W.: *See*—
Hill, Roscoe L., and Ireland. 2,689,362.
- Irgens, Finn T.: *See*—
Watkins, Lucius D., and Irgens. 2,675,789.
- Irmischer, Hans O., East Hempstead, N. Y., assignor to National Tea Packing Company, Inc. Carton contents tamping and sealing apparatus. 2,669,813, Feb. 23.
- Iron Fireman Mfg. Co.: *See*—
Todoroff, Edward J. 2,690,315.
- Ironrite Inc.: *See*—
Lubberts, John J., and Mulder. 2,688,528.
Sperlich, Herman A. 2,688,199.
- Irons & Russell Co.: *See*—
Easton, Edward F. 2,695,097.
- Irvin, Henry D., to American Enka Corp. 2,695,378, Cl. 317—149.
- Irvin, Leslie L., Letchworth, and G. H. Gould, London, England, assignors to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute equipment. 2,668,997, Feb. 16.
- Irvine, Robert A., and R. J. Kramarz, assignors to The Carborundum Company, Niagara Falls, N. Y. Apparatus for reconditioning used oil. 2,668,622, Feb. 9.
- Irvine, Thomas R., Jr.: *See*—
Kershaw, Robert E., Sr., and Irvine. 2,686,524.
- Irving Air Chute Company, Inc., assignee: *See*—
Hatfield, John E.
Irvin, Leslie L., and Gould.
- Irving, Albert J., Brewster, assignor to Permark Company, Inc., New York, N. Y. Container with pouring spout and composite blank for making same. 2,668,643, Feb. 9.
- Irving Machinery Co., Inc.: *See*—
Rabinowitz, Irving. 2,685,394.
- Irwin, Carl E., to E. I. du Pont de Nemours and Co. 2,683,160, Cl. 260—453.
- Irwin, Donald W., to McDonnell Aircraft Corp. 2,681,043, Cl. 121—41.
- Irwin, Emmett M., San Marino, Calif. Apparatus and method for fatigue determinations. 2,673,613, Mar. 30.
- Irwin, Emmett M. 2,677,802, Cl. 324—34.
- Irwin, John V.: *See*—
Howell, William S., and Irwin.
- Irwin, Joseph T.: *See*—
Chester, Allan E., and Irwin. 2,677,653.
Chester, Allan E., and Irwin. 2,692,187.
Chester, Allan E., and Irwin. 2,692,188.
- Irwin, Neisler and Company, assignee: *See*—
Marty, Bernard A.
- Irwin, Raymond A., assignor to Kaysun Incorporated. 2,674,063, Cl. 46—78.
- Irwin, Russel D., Oreland, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Integrating meter. 2,672,285, Mar. 16.
- Irwin, William. 2,682,409, Cl. 273—89.
- Isaac, Boyd. 2,690,161, Cl. 119—136.
- Isaacs, George B. 2,674,020, Cl. 24—81.
- Isaacs, Marcus M., St. Leonards, New South Wales, Australia. Buckle and like mounting. 2,666,926, Jan. 26.
- Isaacson, F. T.: *See*—
Jackson, Rodney. 2,682,347.
Jackson, Rodney. 2,682,349.
- Isaacson, John A.: *See*—
Holmstrom, Henry W., Isaacson, and Joss. 2,682,236.
- Isaacson, Paul J.: *See*—
Jackson, Rodney. 2,682,347.
Jackson, Rodney. 2,682,349.
- Isakson, Elmer. 2,679,326, Cl. 214—140.
- Isbell, William T., to St. Joseph Lead Co. 2,682,332, Cl. 198—106.
- Isberg, Reuben A., assignor to the United States of America as represented by the Secretary of the Navy. 2,675,476, Cl. 250—36.
- Isborn, Carl L., to The National Cash Register Co. 2,697,178, Cl. 307—88.
- Ischinger, Alfred E. 2,697,896, Cl. 46—62.
- Iseman, Richard W., to E. Swensson. 2,690,083, Cl. 74—217.
- Isenberg, Alexander H. 2,695,254, Cl. 154—44.
- Isler, Otto, and K. Doebel, to Hoffmann-La Roche Inc. 2,683,176, Cl. 260—625.
- Isler, Samuel, Asbury Park, N. J. Gummed tape dispenser. 2,670,042, Feb. 23.
- Isom, Warren R., West Collingswood, N. J., assignor to Radio Corporation of America. Adjustable lens unit mount. 2,668,476, Feb. 9.
- Isom, Warren R., assignor to Radio Corporation of America. 2,676,023, Cl. 274—4.
- Isotope Products Limited, assignee: *See*—
Brunton, Donald C. 2,675,482.
Brunton, Donald C., and Alcock. 2,675,478.
Leighton, Geoffrey J., Maskell, and Alcock. 2,675,483.
Stewart, Peter J., and Alcock. 2,675,479.
- Israel, Robert S. 2,674,085, Cl. 58—80.
- Israel, Sidney, Brooklyn, N. Y. Flexible footwear. 2,669,036, Feb. 16.
- Israel, Robert D.: *See*—
Vettel, Arthur W., and Israel. 2,692,816.
- Isreeli, Jack, W. Frantz, and D. Ramsay, to Simmonds Accessories, Inc. 2,686,561, Cl. 158—36.
- Isserstedt, Siegfried G., Toronto, Ontario, Canada. Logarithmic calculator having decimal indicating means. 2,673,030, Mar. 23.
- Italo Rizzieri: *See*—
Buzzi, Riccardo. 2,697,552.
- Ito, Hiroshi, to Canon Camera Co., Ltd. 2,681,594, Cl. 88—57.
- Ito, Shimpai: *See*—
Yamanaka, Kunio, Yamamoto, Kawamura, and Ito. 2,681,339.
- Ittri, Angelo M., Boston, Mass. Garment. 2,672,615, Mar. 23.
- Ivanek, Boles B. 2,695,156, Cl. 251—264.
- Iversen, Knut M., and B. E. Blandhoel. 2,692,828, Cl. 95—57.
- Ivers-Lee Co.: *See*—
Haller, William J. 2,685,911.
- Iverson, John O.: *See*—
Haufe, Ted B., and Iverson. 2,697,030.
- Ives, Clifford E.: *See*—
Nelson, Martin J., and Ives. 2,678,988.
- Iveson, Herbert T., S. B. Radlove, and P. L. Julian, to The Glidden Co. 2,690,971, Cl. 99—118.
- Ivett, Reginald W., to Hercules Powder Co. 2,691,648, Cl. 260—139.
- Ivey, Cleo R., Jasper, Ala. Boring machine. 2,665,117, Jan. 5.
- Ivey, Elsie A. 2,694,576, Cl. 273—150.
- Ivins, Herbert L., and H. D. North, Jr., to The Engine Parts Mfg. Co. 2,697,635, Cl. 299—95.
- Ivory, Chester S., Jr., assignor to J. W. Ivory, Inc. 2,679,102, Cl. 32—60.
- Ivory, J. W., Inc., assignee: *See*—
Ivory, Chester S., Jr. 2,679,102.
- Ivy, Andrew C.: *See*—
Vaichulis, John A., and Ivy.
- Iwamae, Hiromu. 2,693,004, Cl. 18—8.
- Izumi, John Y. 2,687,569, Cl. 30—8.
- J & B Steel Products, Inc.: *See*—
Jones, Earl E. 2,682,940.
- J & L Engineering Company, Inc., assignee: *See*—
Pugh, Joseph M.
- J & S Carburetor Co.: *See*—
Jones, Sam P. 2,689,172.
- Jaap, Willard E., Cincinnati, Ohio. Combined cap and ash receiver for lighters. 2,665,803, Jan. 12.
- Jablonsky, Roy D., and J. A. Heckmann, to American Car and Foundry Co. 2,688,796, Cl. 29—401.
- Jaccard, Gaston, and K. Stockar, to Sandoz Ltd. 2,695,892, Cl. 252—358.
- Jack & Heintz, Inc., assignee: *See*—
Barish, Thomas. 2,693,254.
Bergson, Arnold. 2,693,570.
Martin, Cecil G., and Dennis. 2,693,543.
Morris, Robert E., and Lee. 2,679,559.
Ong, Charles M., and Shinko. 2,679,240.
Papanek, Andrew P., and Mecartney, Jr. 2,687,249.
Prittie, Robert N. 2,679,170.
Puchy, Clarence G.
- Jack Horner Pie Co.: *See*—
Mattos, George E. 2,684,186.
- Jack, William R., and E. M. Brinker; said Brinker assor. to said Jack. 2,681,574, Cl. 73—382.
- Jackman, Arthur E., to Fibleco Illinois Corp. 2,683,489, Cl. 164—77.
- Jackman, Frederick H., Santa Fe, N. Mex. Apparatus for molding building blocks. 2,667,679, Feb. 2.
- Jackson, Averil B.: *See*—
Eaton, Claude B., and Jackson.
- Jackson, Byron, Co., assignee: *See*—
Blom, Carl J., and Gaylord. 2,687,695.
Chrisman, John L., and Nicholson. 2,695,189.
Cornelius, Paul D. 2,677,393.
Dunn, Fenmore E. 2,684,032.
Miller, De Mont G. 2,681,793.
Miller, De Mont G., and Wood. 2,694,853.
Stone, Albert L. 2,674,034.
Stone, Albert L. 2,695,770.
Stone, Albert L., and Wood. 2,682,102.
Wood, Rodney R. 2,693,633.
- Jackson, Charles F., Birmingham, Ala. Liquid supply system for automobiles. 2,669,251, Feb. 16.

- Jackson & Church Company, assignee: *See*—
 Ahlborn, Clarence E.
 Armstrong, Bruce. 2,685,108.
 Eichhorn, Hermann H. H. 2,685,875.
- Jackson, Clarence W. 2,680,594, Cl. 254—169.
 Jackson, Clarence W. 2,697,839, Cl. 4—115.
 Jackson, Corwill, to Jackson Vibrators, Inc. 2,682,231, Cl. 105—90.
 Jackson, Corwill, to Jackson Vibrators, Inc. 2,688,102, Cl. 310—81.
 Jackson, Corwill, to Jackson Vibrators, Inc. 2,690,135, Cl. 104—13.
 Jackson, Donald C. 2,690,753, Cl. 131—173.
 Jackson, David L. C.: *See*—
 Lapson, Menzie, and Jackson. 2,689,193.
 Jackson, Donald, and D. R. Coleman, to Pye Ltd. 2,681,947, Cl. 178—72.
 Jackson, Donald R., and L. G. Lundsted, assignors to Wyandotte Chemicals Corporation. 2,677,700, Cl. 260—488.
 Jackson, Donald R. P., assignor to Molins Machine Company Limited, Deptford, London, England. Packing machine. 2,667,987, Feb. 2.
 Jackson, Donald R. P., Deptford, London, assignor to Molins Machine Company, Limited, Deptford, England. Wrapping or packing machine. 2,668,406, Feb. 9.
 Jackson, Donald R. P., to Moline Machine Co. Ltd. 2,682,989, Cl. 229—16.
 Jackson, Fred M. 2,687,801, Cl. 209—98.
 Jackson, George H., assignee: *See*—
 Pearson, Vernon L.
 Jackson, George W.: *See*—
 Bertsch, Joseph F., and Jackson. 2,692,661.
- Jackson, Hagan L., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Phase correction of asymmetric dual feed horns. 2,669,658, Feb. 16.
 Jackson, Harold E.: *See*—
 Bickell, Stanley F., Cotterell, and Jackson. 2,683,319.
 Jackson, Harold L., to E. I. du Pont de Nemours and Co. 2,682,525, Cl. 260—63.
 Jackson, Jean E.: *See*—
 Jackson, John G., and Kingdon. 2,697,151.
 Jackson, James M. 2,687,293, Cl. 265—40.
 Jackson, Jasper, $\frac{1}{2}$ to J. P. Ragsdale, Jr. 2,691,926, Cl. 97—15.
 Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,666,114, Jan. 12.
 Jackson, John G., deceased, by J. E. Jackson, executrix, and R. H. Kingdon, to Square D Co. 2,697,151, Cl. 200—116.
 Jackson, John H., to the United States of America as represented by the United States Atomic Energy Commission. 2,686,946, Cl. 22—200.
 Jackson, John R. 2,687,927, Cl. 308—86.
 Jackson, Joyce J., and J. M. Narrace. 2,674,721, Cl. 336—134.
 Jackson, Leonard D. 2,689,963, Cl. 9—83.
 Jackson, Leonard D. 2,690,711, Cl. 102—70.
 Jackson, Lester L., G. P. Gravenhorst, and F. A. Schupan, to The Glenn L. Martin Co. 2,682,200, Cl. 89—41.
 Jackson, Leyman E., to Victor Chemical Works. 2,689,794, Cl. 99—2.
 Jackson, Lillian, assignor of $\frac{1}{2}$ to M. Wilson. 2,675,552, Cl. 2—69.5.
 Jackson, Louis. 2,679,122, Cl. 41—1.
 Jackson, Maunsell B., Toronto, Ontario, Canada. Washing machine. 2,671,331, Mar. 9.
 Jackson, Norman W.: *See*—
 Molins, Desmond W., and Jackson. 2,689,574.
 Molins, Desmond W., Ruau, and Jackson.
 Jackson, Patrick T., Jr., to American Sisalkraft Corp. 2,696,244, Cl. 154—176.
 Jackson, Robert J., Brooklyn, assignor to Lanova Corporation, Long Island City, N. Y. Combustion chamber. 2,669,090, Feb. 16.
 Jackson, Rodney, to P. J. and F. T. Isaacson. 2,682,347, Cl. 214—147.
 Jackson, Rodney, to P. J. and F. T. Isaacson. 2,682,349, Cl. 214—674.
 Jackson, Stuart P.: *See*—
 Eurlon, Lester W., and Jackson.
 Jackson, Theodore F., $\frac{1}{6}$ to R. M. Buck, $\frac{1}{6}$ to D. E. Carlyle, and $\frac{1}{6}$ to C. F. Christensen. 2,688,893, Cl. 81—165.
 Jackson, Thomas M.: *See*—
 Hough, George H., and Jackson. 2,686,273.
 Jackson, Tom: *See*—
 Olpin, Henry C., and Jackson. 2,686,707.
- Jackson Vibrators, Inc.: *See*—
 Jackson, Corwill. 2,682,231.
 Jackson, Corwill. 2,688,102.
 Jackson, Corwill. 2,690,135.
 Jackson, Virgil T., Jr. 2,690,023, Cl. 41—5.
 Jackson, Wilbur F., assignor to Robertshaw-Fulton Controls Company. 2,679,258, Cl. 137—66.
 Jacksonville Steel Company, assignee: *See*—
 King, Benjamin F.
- Jacob, Basil: *See*—
 Edgar, Owen B., and Jacob. 2,683,100.
 Jacob, Carlyle W. 2,676,868, Cl. 346—75.
- Jacob, Dorothy, Brooklyn, N. Y. Hanger for dresses and other garments. 2,665,828, Jan. 12.
- Jacob, Dorothy, assignor of ninety-nine per cent to Helen Luterman, Brooklyn, N. Y. Shit rubber nib for garment hangers. 2,667,293, Jan. 26.
- Jacob, Eugen: *See*—
 Hagemann, August, Kolling, and Jacob.
 Jacob, Eugen, H. Kolling, E. Stiebling, and A. Hagemann, deceased (by E. C. M. Hagemann, administratrix, and A. Tofabrn, administrator), to Rubrchemie Aktiengesellschaft. 2,688,035, Cl. 260—505.
 Jacob, Mark I., and R. J. Howell, assignors to Westinghouse Electric Corporation. 2,679,581, Cl. 250—17.
 Jacob, Robert M., Ablon-sur-Seine, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. New pyrimidine compounds and their preparation. 2,670,351, Feb. 23.
 Jacob, Robert M., assignor to Parke, Davis & Company. 2,677,704, Cl. 260—519.
 Jacob, Robert M., assignor to Societe des Usines Chimiques Rhone-Poulenc. 2,680,740, Cl. 260—256.4.
 Jacob, Robert M., Ablon-sur-Seine, and L. Liakhoff, Vitry-sur-Seine, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. New pyrimidine derivatives. 2,671,788, Mar. 9.
 Jacob, Robert M., and J. G. Robert, to Parke, Davis & Co. 2,694,071, Cl. 260—307.
 Jacobaeus, Anton C., assignor to Telefonaktiebolaget L M Ericsson. 2,679,552, Cl. 179—22.
 Jacobi, Edward N., assignor to Briggs & Stratton Corporation. 2,677,261, Cl. 70—14.
 Jacobi, Edward N., to Briggs & Stratton Corp. 2,680,965, Cl. 70—455.
 Jacobi, Edward N., to Briggs & Stratton Corp. 2,683,978, Cl. 70—360.
 Jacobi, Edward N., to Briggs & Stratton Corp. 2,687,637, Cl. 70—224.
 Jacobi, Edward N., to Briggs & Stratton Corp. 2,690,071, Cl. 70—455.
 Jacobi, Edward N., to Briggs & Stratton Corp. 2,695,932, Cl. 200—11.
 Jacobi, Edward N., to Briggs & Stratton Corp. 2,696,399, Cl. 292—165.
 Jacobi, Emil R., to Kelsey-Hayes Wheel Co. 2,684,269, Cl. 301—36.
 Jacobi, Gustav, and A. Konemann. 2,679,408, Cl. 284—18.
 Jacobs, S., Grosse Pointe, assignor to F. L. Jacobs Co., Detroit, Mich. Combined liner and cover for leaf springs. 2,667,347, Jan. 26.
- Jacobs, David I. H.: *See*—
 Hall, Reginald H., Jacobs, and Jacquet. 2,690,260.
 Woodcock, Charles A., Hadley, and Jacobs. 2,683,122.
- Jacobs, Desiree M.: *See*—
 Goldstein, Gustav. 2,692,694.
- Jacobs, Edwin N., Louisville, Ky. Combined rack and drier. 2,668,368, Feb. 9.
 Jacobs, F. L., Co., assignee: *See*—
 Brundage, Alan D. 2,679,392.
 Jacobs, Clare S.
 Jacobs, Harold. 2,678,530, Cl. 60—29.
 Jacobs, Henry L., assignor to Baldwin-Lima-Hamilton Corporation. 2,674,772, Cl. 24—125.
- Jacobs, James W.: *See*—
 Schweller, Edmund F., and Jacobs. 2,692,429.
 Wurtz, Clifford H., and Jacobs.
 Jacobs, James W., to General Motors Corp. 2,683,970, Cl. 62—4.
 Jacobs, James W., to General Motors Corp. 2,695,344, Cl. 200—83.
 Jacobs, James W., assignor to General Motors Corporation, Dayton, Ohio. Electrical switch apparatus. 2,668,884, Feb. 9.
 Jacobs, James W., assignor to General Motors Corporation, Dayton, Ohio. Two-temperature refrigerating apparatus. 2,672,018, Mar. 16.
 Jacobs, James W., assignor to General Motors Corporation, Dayton, Ohio. Multicompartment refrigerating apparatus. 2,672,022, Mar. 16.
 Jacobs, James W., Dayton, C. H. Wurtz, Oakwood, and J. H. Heidorn, assignors to General Motors Corporation, Dayton, Ohio. Two-temperature refrigerating apparatus. 2,672,023, Mar. 16.
 Jacobs, James W., and A. O. Grooms, assignors to General Motors Corporation, Dayton, Ohio. Testing apparatus for thermostatic switches. 2,668,436, Feb. 9.
 Jacobs, James W., and K. K. Kesting, assignors to General Motors Corporation. 2,676,727, Cl. 220—9.
- Jacobs, Joseph H.: *See*—
 Jacobs, Marcellus L. and J. H. 2,691,393.
 Jacobs, Joseph H. and M. L., Minneapolis, Minn. Portable power saw with oppositely rotating blades. 2,664,925, Jan. 5.
 Jacobs, Joseph H. and M. L. 2,691,392, Cl. 143—43.
 Jacobs, Jules. 2,691,793, Cl. 16—18.
- Jacobs Mfg. Co., The: *See*—
 Haviland, Girard S. 2,683,041.
 Stoner, Arthur M. 2,684,856.
- Jacobs, Marcellus L.: *See*—
 Jacobs, Joseph H. and M. L. 2,691,392.
 Jacobs, Marcellus L. and J. H. 2,691,393, Cl. 143—43.
 Jacobs, Maurice D. 2,688,492, Cl. 280—1.175.
- Jacobs, Mayhelt, to Pacific Pipe Co. 2,687,905, Cl. 285—172.

- Jacobs, Robert B., Homewood, assignor to Standard Oil Company, Chicago, Ill. Continuous measurement of gasoline vapor pressure. 2,671,341, Mar. 9.
- Jacobs, Robert B., and S. F. Kapff, Homewood, assignors to Standard Oil Company, Chicago, Ill. Vapor pressure device. 2,671,340, Mar. 9.
- Jacobs, Robert B., and S. F. Kapff, Homewood, assignors to Standard Oil Company, Chicago, Ill. Vapor pressure by thermal conductivity. 2,671,343, Mar. 9.
- Jacobs, Robert J., to The Black-Clawson Co. 2,681,611, Cl. 101—23.
- Jacobs, William H. 2,675,145, Cl. 222—146.
- Jacobsen, Arthur E., St. George, assignor to National Lead Company, New York, N. Y. Preparation of titanium nitride. 2,672,400, Mar. 16.
- Jacobsen, Carl, and G. H. Neal, Portland, Oreg. Gun sight. 2,671,966, Mar. 16.
- Jacobsen, Edwin: *See*—
Brenneman, Robert W., and E. and R. S. Jacobsen. 2,685,936.
- Jacobsen, Erling, and G. C. Lawrie, to Tinius Olsen Testing Machine Co. 2,693,695, Cl. 73—66.
- Jacobsen, Erling S., assignor to Norsk Speilfabrikk- & Glassliperi A/S. 2,675,984, Cl. 248—249.
- Jacobsen, George C. 2,681,539, Cl. 56—25.
- Jacobsen, Henry W., and O. C. Schweitzer. 2,679,766, Cl. 74—471.
- Jacobsen, Ib J., assignor to Mikrovaerk A/S, Soborg, Denmark. Scraper device for chocolate molding machines. 2,671,417, Mar. 9.
- Jacobsén, Ingvar V. 2,693,042, Cl. 38—144.
- Jacobsen, Jacob. 2,674,952, Cl. 103—127.
- Jacobsen, Jacob C.: *See*—
Davis, Martha E., and Jacobsen. 2,683,458.
- Jacobsen, Richard S.: *See*—
Brenneman, Robert W., and E. and R. S. Jacobsen. 2,685,936.
- Jacobsen, Robert P.: *See*—
Hechter, Oscar, Jacobsen, Jeanloz, Levy, Pincus, Schenker, and Marshall.
- Jacobsohn, Walter R. J.: *See*—
Grodzinski, Paul, and Jacobsohn.
- Jacobson, Abner: *See*—
Spencer, Arthur M., Jacobson, and Sixt.
- Jacobson, Abraham W.: *See*—
Blakeslee, Clinton A., and Jacobson.
- Jacobson, Arthur A. 2,676,551, Cl. 107—49.
- Jacobson Earl A. 2,694,361, Cl. 101—92.
- Jacobson, Earl A., Elk Point, S. Dak. Machine for selectively printing and feeding tape. 2,664,817, Jan. 5.
- Jacobson, Edwin B., Grand Rapids, Mich., assignor to Crompton Manufacturing Company. Weather stripping. 2,671,252, Mar. 9.
- Jacobson, Edwin B. 2,698,197, Cl. 292—336.
- Jacobson, Harvey B.: *See*—
Brandon, Clarence W. 2,689,461.
Brandon, Clarence W. 2,689,462.
- Jacobson, Leo V., Webster Groves, Mo. Simulated treaded vehicle. 2,667,349, Jan. 26.
- Jacobson, Mason A., and H. J. McGetrick, to The Rudolph Wurlitzer Co. 2,694,359, Cl. 100—49.
- Jacobson, Moses G., to Mine Safety Appliances Co. 2,694,928, Cl. 73—204.
- Jacobson, Sava, assignor to Edwin I. Guthman & Co., Inc. 2,677,784, Cl. 315—23.
- Jacobson, Victor, assignor, by mesne assignments, to Level-Line Ceilings, Inc., New York, N. Y. Acoustic ceiling construction. 2,667,667, Feb. 2.
- Jacobson, Victor, assignor to Level-Line Ceilings Inc. 2,676,678, Cl. 189—34.
- Jacobson, Woodrow R., assignor to General Electric Company. 2,678,725, Cl. 209—111.
- Jacoby-Bender, Inc., assignee: *See*—
Bender, Joseph M. 2,680,274.
- Jacoby, David M. 2,696,798, Cl. 116—106.
- Jacoby, Louis. 2,684,245, Cl. 273—34.
- Jacoby, Robert H.: *See*—
Steitz, Alfred, Jr., and Jacoby.
- Jacoby, Thomas F.: *See*—
Rainard, Leo W., and Jacoby. 2,678,081.
- Jacquard Knitting Machine Co., Inc.: *See*—
Miller, Charles F. 2,684,583.
Miller, Charles F. 2,696,092.
Miller, Charles F. 2,696,720.
- Jacques, Raynaldo: *See*—
Andrews, John R., Jr., and Jacques. 2,689,382.
- Jacques, Stanley A., assignor to Askania Regulator Company. 2,675,831, Cl. 137—625.48.
- Jacques, Stanley A. 2,692,175, Cl. 311—80.
- Jacquet, Maurice V.: *See*—
Hall, Reginald H., Jacobs, and Jacquet. 2,690,260.
- Jaculis, Peter, Chicago, Ill. Propeller meter. 2,664,746, Jan. 5.
- Jacuzzi Bros., Inc.: *See*—
Armstrong, John E., and Jacuzzi. 2,694,365.
- Jacuzzi, Candido: *See*—
Armstrong, John E., and Jacuzzi. 2,694,365.
- Jaeger, Charles A., assignor to Curtiss-Wright Corporation. 2,678,401, Cl. 250—209.
- Jaeger, Clemens O., Milwaukee, Wis. Disposable swab for toilet bowls. 2,668,974, Feb. 16.
- Jaeger, Clemens O. 2,678,020, Cl. 116—124.2.
- Jaeger, H. H., Incorporated, assignee: *See*—
Wild, Edward. 2,677,175.
- Jaeken, Jan, and A. E. Van Dormael, to Gevaert Photo-Producten N. V. 2,695,234, Cl. 95—88.
- Jaeschke, Ralph L., assignor, by mesne assignments, to Eaton Manufacturing Company. 2,676,280, Cl. 310—95.
- Jaeschke, Ralph L., assignor, by mesne assignments, to Eaton Manufacturing Company. 2,679,604, Cl. 310—101.
- Jaeschke, Ralph L., to Eaton Mfg. Co. 2,682,618, Cl. 310—95.
- Jaeschke, Ralph L., to Eaton Mfg. Co. 2,689,920, Cl. 310—94.
- Jaeschke, Ralph L., to Eaton Mfg. Co. 2,697,794, Cl. 310—95.
- Jaffe, Hans, assignor, by mesne assignments, to Clevite Corporation. 2,680,720, Cl. 252—62.9.
- Jaffee, Robert I.: *See*—
Finlay, Walter L., Jaffee, and Ogden.
- Jaffee, Robert I., Worthington, Ohio, assignor, by mesne assignments, to Kennecott Copper Corporation, New York, N. Y. Machinable titanium-base alloy containing arsenic. 2,668,108, Feb. 2.
- Jaffee, Robert I., Worthington, H. R. Ogden, and D. J. Maykuth, Columbus, Ohio, assignors, by mesne assignments, to Rem-Cru Titanium, Inc., Midland, Pa. Titanium base alloys containing aluminum and tin. 2,669,513, Feb. 16.
- Jagenberg-Werke Akt.-Ges., assignee: *See*—
Johanning, Franz, and Baums.
- Jagger, Hubert. 2,676,535, Cl. 101—47.
- Jaggi, Walter, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Electric motor with built-in flywheel and clutch. 2,666,509, Jan. 19.
- Jahncke, Albert J., to Hermann Thorens Societe Anonyme. 2,684,248, Cl. 274—10.
- Jahnig, Charles E.: *See*—
Feldbauer, George F., Jr., Jahnig, and Martin. 2,686,151.
- Jahnig, Charles E., Red Bank, and E. J. Gornowski, Cranford, N. J., assignors to Standard Oil Development Company. Synthesis gas desulfurization. 2,671,723, Mar. 9.
- Jaidinger, John H. 2,679,031, Cl. 339—217.
- Jain, Alva R., and F. M. Spence, assignors to Globe American Corporation. 2,677,852, Cl. 16—111.
- Jakab, Mauricio. 2,684,680, Cl. 132—79.
- Jakeway, Gerald V., to Keeler Brass Co. 2,690,212, Cl. 155—198.
- Jakku, Eino A. 2,698,034, Cl. 143—32.
- Jakob, John P.: *See*—
Almgren, August E., and Jakob.
- Jakob, John P., and A. E. Almgren, to American Can Co. 2,696,932, Cl. 221—236.
- Jakob, Robert H., San Francisco, R. W. H. Tess, and T. F. Bradley, Orinda, assignors to Shell Development Company, Emeryville, Calif. Interpolymer of cyclo-diolefin and an unsaturated ester. 2,667,463, Jan. 26.
- Jaksch, Mathias F., Jersey City, assignor, by mesne assignments, to Roll-Sash, Inc., Bayonne, N. J. Window sash control. 2,673,754, Mar. 30.
- Jaksha, Fred W., assignor to Welding Research, Inc., Chicago, Ill. Polyphase welding system with transfer transformer. 2,671,195, Mar. 2.
- James, Bill Y. 2,681,525, Cl. 41—10.
- James, Cyril H.: *See*—
Chaplin, Hubert O., Hubbard, and James. 2,681,037.
- James, Duane A.: *See*—
James, Lewis A. and D. A. 2,693,115.
- James, Francis H.: *See*—
Hurd, Harry W., and James. 2,688,394.
- James, Frazier N., assignor to Lone Star Vender Corp. 2,680,050, Cl. 312—48.
- James, Frazier N., assignor to Lone Star Vender Corp. 2,680,051, Cl. 312—48.
- James, Frederick O., assignor to Lever Brothers Company. 2,677,665, Cl. 252—131.
- James, Homer B., assignor to Westinghouse Electric Corporation. 2,677,076, Cl. 317—13.
- James, Horace E.: *See*—
Howlett, John W., and James. 2,683,295.
- James, Howell N.: *See*—
Smith, Hiram P., and James. 2,682,818.
- James, Inc.: *See*—
James, Lewis A. and D. A. 2,693,115.
- James, Ivanhoe J. P., London, assignor to Electric & Musical Industries Limited, Hayes, England. Thermionic valve amplifier. 2,673,253, Mar. 23.
- James, Ivor J., Jr., assignor to Union Oil Company of California. 2,674,049, Cl. 33—205.
- James, Lewis A. and D. A., to James, Inc. 2,693,115, Cl. 74—116.
- James Mfg. Co.: *See*—
Markey, George T. 2,683,439.
- James-Pond-Clark: *See*—
James, Ralph W. 2,693,192.
- James, Ralph W., to James-Pond-Clark. 2,693,192, Cl. 129—26.
- James, Thomas H., and G. A. Reynolds, to Eastman Kodak Co. 2,688,549, Cl. 95—88.
- James, William E.: *See*—
Bauer, Ernest K., and James. 2,691,809.
- James, William G., to Eastman Oil Well Survey Co. 2,685,431, Cl. 255—1.6.
- James, William G., to Eastman Oil Well Survey Co. 2,694,549, Cl. 255—1.6.

- James, William M., Chicago, Ill. Fish lure. 2,665,514, Jan. 12.
- Jameson, D. B. 2,679,398, Cl. 273—138.
- Jameson, Percy A.: *See—*
Gerwig, Harvey F., Jameson, Franklin, and Hoster-
man. 2,684,764.
- Jameson, William, Chicago, Ill. Record storage and
player apparatus. 2,665,918, Jan. 12.
- Jamieson & Gabriel, assignee: *See—*
Cormany, David R.
- Jamieson, George C., assignor to Douglass Automatic
Shoeshining Co., Inc., Oakland, Calif. Shoe polishing
wax applicator. 2,666,938, Jan. 26.
- Jamieson, George R.: *See—*
Everitt, Philip F., and Jamieson.
- Jamin, Guillaume W.: *See—*
Buist, Jack M., and Jamin.
- Buist, Jack M., and Jamin. 2,677,187.
- Jamison, Charles R. 2,695,685, Cl. 188—152.
- Jamison, Henry D., Jr. 2,678,088, Cl. 155—196.
- Jamison, Kenneth B., assignor to Northrop Aircraft, Inc.
2,674,485, Cl. 294—86.
- Jamison, Samuel J., and F. Yates, to Chicopee Mfg. Corp.
Jampolsky, Lester M.: *See—*
Goldberg, Moses W., and Jampolsky.
- Jandacek, George W., to Universal Oil Products Co.
2,688,771, Cl. 18—15.
- Jandasek, Vladimir J., to Borg-Warner Corp. 2,683,509,
Cl. 192—45.1.
- Jandasek, Vladimir J., and E. E. Leitner, to Borg-Warner
Corp. 2,696,171, Cl. 103—115.
- Jandus, Herbert S., to Houdaille-Hershey Corp. 2,694,945,
Cl. 74—54.2.
- Janecek, Louis J., assignor to R. C. Mahon Company.
2,677,368, Cl. 126—350.
- Janes, Edgar C., to Medalta Potteries Ltd. 2,691,806,
Cl. 25—22.
- Janes, John R., assignor to Deering Milliken Research
Trust. 2,680,057, Cl. 8—116.2.
- Janes, Melvin J., and D. J. Crowley, to Socony-Vacuum
Oil Co., Inc. 2,690,413, Cl. 167—39.
- Janesick, Albert. 2,687,167, Cl. 155—127.
- Janeway, Robert N., Detroit, assignor to Chrysler Cor-
poration, Highland Park, Mich. Rocker block axle
mounting. 2,668,505, Feb. 9.
- Janeway, Robert N., to Chrysler Corp. 2,690,818, Cl.
188—129.
- Janeway, Robert N., and W. Van Der Sluys, Detroit, as-
signors to Chrysler Corporation, Highland Park, Mich.
Brake rigging suspension. 2,665,776, Jan. 12.
- Jänicke, Hermann. 2,697,548, Cl. 230—11.
- Janis, Alex S., assignor to Chain Belt Company.
2,676,920, Cl. 210—3.
- Janis, Edward J. 2,680,926, Cl. 43—42.5.
- Janis, John J. 2,681,278, Cl. 99—90.
- Janke and Company, assignee: *See—*
Diebold, George J. 2,679,860.
- Janke, Edward J., Cleveland, Ohio, assignor to Addresso-
graph-Multigraph Corporation, Wilmington, Del. Print-
ing machine. 2,664,819, Jan. 5.
- Janner, Karl, assignor to H. Thoma. 2,675,666, Cl. 57—
34.5.
- Janness, William E.: *See—*
Dunne, Daniel E., and Janness. 2,677,046.
- Janney, Raymond B., II: *See—*
Doolittle, Donald B., and Janney.
- Janos, Alfred G., Erie, Pa., assignor to General Elec-
tric Company. Shelf support mounting arrangement.
2,665,101, Jan. 5.
- Janos, Alfred G., and J. B. Horvay, Erie, Pa., assignors
to General Electric Company. Under counter refrigera-
tor. 2,665,564, Jan. 12.
- Janovsky, Rudolph: *See—*
Hurtig, Saul, and Janovsky. 2,686,007.
- Jansen, Andries W., Rijswijk, Netherlands. Device for
discharging fruit, bulbs, and similar articles from trav-
eling conveyers. 2,668,651, Feb. 9.
- Jansen, Bernhard. 2,680,790, Cl. 200—6.
- Jansen, Bernhard. 2,682,030, Cl. 323—43.5.
- Jansen, Bernhard. 2,691,079, Cl. 200—6.
- Jansen, George D., Chicago, Ill., assignor to Summit Con-
tainer Company. Mechanism for crimping retaining
rings on containers. 2,671,490, Mar. 9.
- Jansen, Marinus J.: *See—*
Lemmens, Hendrikus J., Jansen, and Zaat.
- Jansen, Robert A.: *See—*
Nave, Alfred E., and Jansen. 2,686,703.
- Jansen, Robert A., to Avco Mfg. Corp. 2,694,235, Cl.
20—35.
- Janson, Alfons, Ludwigshafen (Rhine-Opau), assignor to
Badische Anilin- & Soda-Fabrik Aktiengesellschaft, Lud-
wigshafen, Rhine, Germany. Production of the dizinc
salt of hydroxymethane sulfonic acid. 2,666,075, Jan. 12.
- Janson, Paul C.: *See—*
Trier, Raymond T., Janson, and Murphy. 2,696,899.
- Janssen, Johannes C.: *See—*
De Gier, Johannes, and Janssen. 2,684,557.
- Janssen, Peter J. H., to Hartford National Bank and Trust
Co., as trustee. 2,689,923, Cl. 313—76.
- Janssen, Peter J. H., to Hartford National Bank and Trust
Co., as trustee. 2,691,768, Cl. 336—110.
- Jansson, Gustav E., and E. Salzer, assignors to Allis-
Chalmers Manufacturing Company. 2,676,285, Cl. 317—
22.
- Jaquay, Louis H., to American Cyanamid Co. 2,688,622,
Cl. 260—346.8.
- Jaquith, John S., Caldwell, assignor to Bendix Aviation
Corporation, Teterboro, N. J. Rotary throttle blade
design. 2,666,618, Jan. 19.
- Jaramillo, Melaquias. 2,680,351, Cl. 61—28.
- Jarboe, Charles H., assignor to E. I. du Pont de Nemours
and Company. 2,680,727, Cl. 260—45.8.
- Jardim, Joaquim S. 2,676,711, Cl. 211—119.02.
- Jardon, Fritz W., to American Optical Co. 2,688,139, Cl.
3—13.
- Jarman-Williamson Company, assignee: *See—*
Williamson, Norman B. 2,676,710.
- Jarmicki, Wincenty Z., to Dominion Magnesium Ltd.
2,687,261, Cl. 242—123.
- Jarmicki, Wincenty Z., to Dominion Magnesium Ltd.
2,693,323, Cl. 242—118.
- Jaron, Robert, Pawtucket, R. I. Dust collector hood con-
struction. 2,667,017, Jan. 26.
- Jaros, Joseph F., Chicago, Ill., assignor of one-half to
H. N. Severson, Ardmore, Pa. Device for advancing
film strips. 2,667,810, Feb. 2.
- Jaros, Stanley F. 2,694,412, Cl. 137—599.2.
- Jarrell, R. K., assignee: *See—*
McDaniel, Quinten G. 2,678,112.
- Jarrell, W. G., Machine Co., assignee: *See—*
McDaniel, Quinten G.: 2,678,112.
- Jarrell, W. W., assignee: *See—*
McDaniel, Quinten G. 2,678,112.
- Jarret, Jacques H.: *See—*
Jarret, Jean M. B. and J. H. 2,690,489.
- Jarret, Jean M. B. and J. H. 2,690,489, Cl. 201—50.
- Jarrett, Harold M., Shinnston, W. Va. Form for neckties.
2,669,724, Feb. 23.
- Jarrett, Jerry, and H. C. Berggren, to The National Dis-
penser Corp. 2,681,752, Cl. 222—394.
- Jarrow, Harry W. 2,680,888, Cl. 20—69.
- Jarsaillon, François. 2,688,946, Cl. 116—115.
- Järund, Harry S. V. 2,681,836, Cl. 308—6.
- Järund, Harry S. V., to Hermorion Ltd. 2,687,740, Cl.
137—110.
- Jarvi, Reino A., assignor to Monsanto Chemical Company.
2,680,078, Cl. 106—213.
- Jarvis, Charles A. 2,675,843, Cl. 146—28.
- Jarvis, Daniel G., and I. J. Gershen. 2,686,520, Cl.
128—346.
- Jarvis, Frank W., to Imperial Chemical Industries Ltd.
2,688,920, Cl. 102—39.
- Jarvis, James A., assignor to H. D. Hines, P. J. Kent,
and T. B. Walker. 2,677,257, Cl. 66—95.
- Jarvis, James G. 2,685,024, Cl. 240—123.
- Jarvis, John, to Bendix Aviation Corp. 2,698,411, Cl.
318—229.
- Jarvis, John R., Springfield, Ill. Plural electric motor fol-
low-up system. 2,666,169, Jan. 12.
- Jarvis, Wilfred G. 2,696,238, Cl. 152—230.
- Jaseph, Lawrence F., to Rotary Lift Co. 2,684,129, Cl.
187—8.49.
- Jaskowiak, Peter S. 2,686,525, Cl. 133—2.
- Jaskowski, Michael C.: *See—*
Frederick, Edward R., and Jaskowski. 2,689,811.
- Jason, Jacob R., Brooklyn, N. Y. Adjustable article sup-
porting bracket. 2,665,100, Jan. 5.
- Jaspart, Marceau: *See—*
Enfer, Pierre V., Jaspart, and Wellard.
- Jatzek, Henry A.: *See—*
Kornhauser, Saunders, and Jatzek. 2,681,165.
- Jaubert, George F. 2,698,061, Cl. 183—4.3.
- Jauch, Martin, Park Ridge, Ill., assignor to Detex Watch-
clock Corporation, New York, N. Y. Recorder key for
watchmen's clocks. 2,671,005, Mar. 2.
- Jauch, Martin. 2,683,412, Cl. 101—233.
- Jauch, Robert J., and C. D. Hoover, Fort Wayne, Ind.,
said Hoover assignor to said Jauch. Liquid dispersing
apparatus. 2,671,650, Mar. 9.
- Jaulmes, Eric, to Ateliers de la Motobecane. 2,689,012,
Cl. 180—33.
- Javery, Frank B., and R. C. Longvall, to Warp Compress-
ing Machine Co. 2,682,378, Cl. 242—35.5.
- Javid, Farhang: *See—*
Baxter, Joseph, Jr., Herrick, and Javid. 2,681,721.
- Jaworowski, Joseph F. and N., to Shockey Corp. 2,96,787,
Cl. 103—42.
- Jaworowski, Norbert: *See—*
Jaworowski, Joseph F. and N. 2,696,787.
- Jaworsky, Valentino. 2,675,618, Cl. 33—74.
- Jay, Kenneth W.: *See—*
Boyd, Winnett, Meschino, and Jay.
- Jay, Kenneth W., assignor to A. V. Roe Canada Limited.
2,678,535, Cl. 60—39.71.
- Jay, Kenneth W., Weston, Ontario, and R. B. Ferris,
Toronto, Ontario, assignors to A. V. Roe Canada Lim-
ited, Malton, Ontario, Canada. Pressure regulating
valve. 2,672,881, Mar. 23.
- Jaycox, Gordon H., Passaic, N. J., assignor to Westing-
house Electric Corporation, East Pittsburgh, Pa. Coil-
ing head assembly. 2,667,204, Jan. 26.
- Jaye, Richard C. 2,677,747, Cl. 219—19.
- Jaye, Richard C. 2,692,328, Cl. 219—19.

- Jayne, David W., Jr.: *See*—
Hook, Edwin O., and Jayne. 2,689,827.
- Jaynes, Walter C., to Kovco Sales Co. 2,692,033, Cl. 189—36.
- Jeanes, Allene R.: *See*—
Koopsell, Harold J., Kazenko, Jeanes, Sharpe, and Wilham.
- Jeanloz, Roger: *See*—
Hechter, Oscar, Jacobsen, Jeanloz, Levy, Pincus, Schenker, and Marshall.
- Jeanloz, Roger, O. Hechter, G. Pincus, and V. Schenker, assignors to G. D. Searle & Co. 2,676,904, Cl. 195—31.
- Jeanne, Armand L., A. C. Keller, and S. D. White, to Bell Telephone Laboratories, Inc. 2,697,749, Cl. 179—16.
- Jeanneret, Herbert, Geneva, Switzerland. Timepiece winding indicator. 2,670,592, Mar. 2.
- Jeckert, Helen A., assignee: *See*—
Jeckert, Joseph F.
- Jeckert, Joseph F., deceased, Clifton, N. J., L. Jeckert, executrix, assignor to H. A. Jeckert, Clifton, N. J. Automatic stop mechanism for sewing machines. 2,667,134, Jan. 26.
- Jeckert, Leonora, executrix: *See*—
Jeckert, Joseph F.
- Jeffers, Thomas J. 2,695,573, Cl. 107—46.
- Jeffers, Walter M., to Crouse-Hinds Co. 2,691,126, Cl. 318—382.
- Jeffers, Walter M., to Crouse-Hinds Co. 2,697,217, Cl. 340—255.
- Jefferson Chemical Company, Inc., assignee: *See*—
Laemmle, George J., Jr. 2,675,401.
- Nielsen, Moritz H. 2,674,924.
- Poupitch, Ougljesa J. 2,675,044.
- Sacken, Donald K.
- Jefferson Electric Co.: *See*—
Berthel, Gust A.
- Horstmann, Roy J. 2,683,242.
- Sliwiak, Walter.
- Jefferson, George D., Embreeville, Pa., and R. D. Fine, III, Merchantville, N. J., assignors to Atlas Powder Company, Wilmington, Del. Filamentous textile having a processing finish. 2,668,785, Feb. 9.
- Jefferson, George D., and R. D. Fine, III, to Atlas Powder Co. 2,690,426, Cl. 252—8.8.
- Jefferson, George D., and A. V. Riley, Jr., to Atlas Powder Co. 2,695,270, Cl. 252—8.7.
- Jefferson, Rufus C. 2,693,604, Cl. 9—2.
- Jefferson, Sidney, Malvern, assignor to National Research Development Corporation, London, England. Yarn cutting arrangement in automatic looms. 2,667,187, Jan. 26.
- Jefferson Lake Sulphur Company, assignee: *See*—
Miller, Ernest B.
- Jeffery, Harold: *See*—
Edge, Stanley H., and Jeffery. 2,680,654.
- Jeffrey Mfg. Co., The: *See*—
Flint, James A.
- Kindig, Arnie J. 2,690,362.
- Lee, Arthur L.
- Lee, Arthur L. 2,681,234.
- Mackensen, Harold T. 2,690,543.
- Mercier, Stanley M. 2,683,572.
- Mercier, Stanley M. 2,684,749.
- Mercier, Stanley M. 2,684,750.
- Muller, Ernst F.
- Newton, William H. 2,675,918.
- Tolman, Samuel L. 2,684,157.
- Whitney, Paul V. 2,687,785.
- Jeffreys, Marion B. 2,691,948, Cl. 111—62.
- Jeffries, Frank A., and W. H. Taylor, to The Goodyear Tire & Rubber Co. 2,690,987, Cl. 154—140.
- Jegen, Julian A. 2,675,924, Cl. 211—148.
- Jehle, John A., Jr., to Socony-Vacuum Oil Co., Inc. 2,695,879, Cl. 252—46.7.
- Jelley, Edwin E., and A. H. Herz, to Eastman Kodak Co. 2,697,037, Cl. 95—2.
- Jelinek, Arthur G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyl p-nitrophenyl benzenephosphonate. 2,666,727, Jan. 19.
- Jelinek, Arthur G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Propyl p-nitrophenyl thionobenzene phosphonates. 2,666,777, Jan. 19.
- Jelinek, Charles, Jr., to The Western Union Telegraph Co. 2,683,186, Cl. 178—5.
- Jelliffe, Howard W., Los Angeles, Calif. Mop and frame therefor. 2,669,741, Feb. 23.
- Jelstrup, Gunnar. 2,692,980, Cl. 2—114.
- Jenaer Glaswerk Schott & Gen., assignee: *See*—
Geffken, Walter, and Rehs. 2,678,281.
- Jencks, Hollis W., assignor to C. C. Cleveland, doing business as Detroit Coil Company, Detroit, Mich. Solenoid. 2,665,397, Jan. 5.
- Jencks, Hollis W., assignor to C. C. Cleveland, doing business as Detroit Coil Company, Detroit, Mich. Shock mounting for solenoids. 2,671,187, Mar. 2.
- Jendrassik, Clara, executrix: *See*—
Alcock, John F. 2,687,843.
- Jendrassik, George: *See*—
Alcock, John F. 2,687,843.
- Jendrassik, George. 2,675,173, Cl. 230—69.
- Jendrisak, Joseph E., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass bending apparatus. 2,671,987, Mar. 16.
- Jendrisak, Joseph E., to Libbey-Owens-Ford Glass Co. 2,688,210, Cl. 49—67.
- Jendrisak, Joseph E., to Libbey-Owens-Ford Glass Co. 2,695,476, Cl. 49—67.
- Jenkins, Alexander, King's Cross, London, assignor to Westinghouse Brake and Signal Company Limited, London, England. Mold for use in the manufacture of dry rectifiers. 2,667,722, Feb. 2.
- Jenkins, Alexander, and L. H. Peter, to Westinghouse Brake and Signal Co. Ltd. 2,692,212, Cl. 117—118.
- Jenkins, Cecil: *See*—
Iddings, Charles D., Jenkins, and Campbell. 2,689,137.
- Woolslayer, Homer J., and Jenkins. 2,690,268.
- Woolslayer, Homer J., and Jenkins. 2,692,031.
- Woolslayer, Homer J., Jenkins, and Campbell.
- Woolslayer, Homer J., Jenkins, Iddings, and Campbell.
- Woolslayer, Homer J., Jenkins, and Iddings. 2,695,081.
- Jenkins, Chester P.: *See*—
Ault, James R., and Jenkins. 2,698,128.
- Troller, Theodor H., and Jenkins. 2,698,129.
- Jenkins, Clifford H.: *See*—
Leisy, Clifford J., Emerick, and Jenkins. 2,693,931.
- Jenkins, Edward A.: *See*—
Freeman, George A., and Jenkins.
- Jenkins, George C., assignee: *See*—
Garwood, Robert E.
- Jenkins, Joseph, Miami, Fla. Game board. 2,673,738, Mar. 30.
- Jenkins, Paul W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Antistick coated, steel building sheet. 2,668,781, Feb. 9.
- Jenkins, Paul W., assignor to H. H. Robertson Company. 2,678,891, Cl. 117—84.
- Jenkins, Richard L., to General Motors Corp. 2,690,506, Cl. 250—20.
- Jenkins, Wayne E., to Minneapolis-Honeywell Regulator Co. 2,690,875, Cl. 236—48.
- Jenkins, William E. 2,689,076, Cl. 229—7.
- Jenkins, William P., assignor to United States Steel Corporation. 2,680,500, Cl. 188—153.
- Jenkins, William W., Morton Grove, assignor to G. D. Searle & Co., Chicago, Ill. Basic esters of 9,10-dihalo-genated 9,10-dihydro-9,10-ethanoanthracene-11-carboxylic acids and their derivatives. 2,673,873, Mar. 30.
- Jenkins, William W., Morton Grove, assignor to G. D. Searle & Co., Chicago, Ill. Basic esters of 9,10-dihydro-9,10-ethanoanthracene-11-carboxylic acid and derivatives thereof. 2,673,874, Mar. 30.
- Jenkins, William W., to G. D. Searle & Co. 2,681,931, Cl. 260—557.
- Jenkins, William W., to G. D. Searle & Co. 2,688,021, Cl. 260—294.3.
- Jenks, Harry N. 2,677,657, Cl. 210—8.
- Jenks, Harry N., 2,694,043, Cl. 210—7.
- Jenne, Kenneth C., to Malleable Iron Fittings Co. 2,698,151, Cl. 248—67.5.
- Jennen, Jacob J., Antwerp, assignor to Gevaert Photo-Producten N. V., Mortsel, Belgium. Production of color photographic images. 2,672,417, Mar. 16.
- Jennen, Jacob J., Antwerp, assignor to Gevaert Photo-Producten N. V., Mortsel, Belgium. Production of color photographic images. 2,673,801, Mar. 30.
- Jenner, Frederick E. 2,695,048, Cl. 155—11.
- Jenner, George T., to The British Drug Houses Ltd. 2,685,366, Cl. 206—65.
- Jenner, Harry D.: *See*—
Swift, Joseph, and Jenner. 2,689,123.
- Jenney, Ray S., to Kellogg Co. 2,683,557, Cl. 226—16.
- Jennings, James M., and G. F. Pappas, to Standard Oil Development Co. 2,687,986, Cl. 196—49.
- Jennings, James R., and R. Donnell. 2,675,263, Cl. 294—86.
- Jennings, Kenneth L., Sr., Lakewood, Ohio. Exercising stand. 2,666,640, Jan. 19.
- Jennings, Leon H., assignor to Socony-Vacuum Oil Company, Incorporated. 2,677,151, Cl. 18—58.
- Jennings, Louis A., J. J. Schlaer, and W. C. Howell, Jr., to Standard Oil Development Co. 2,683,120, Cl. 252—75.
- Jennines, Lyell: *See*—
Snelson, Howard J. 2,691,282.
- Jennings, Paul A., Baltimore, Md., assignor to Armco Steel Corporation. High temperature articles. 2,671,726, Mar. 9.
- Jennings, William H. 2,678,613, Cl. 107—8.
- Jennison, Marshall W.: *See*—
Kunz, Eric C., Weston, Jennison, Sweet, and Kitchens.
- Jenny, Alfred L., to General Electric Co. 2,682,593, Cl. 260—163.
- Jenny, Dietrich A., to Radio Corp. of America. 2,691,115, Cl. 313—70.
- Jenny, Fritz R. 2,681,785, Cl. 248—210.
- Jenny, Walter, and W. Kern, to Ciba Ltd. 2,685,591, Cl. 260—372.
- Jensch, Heinrich, assignor to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Brüning, Frankfurt am Main Hoechst, Germany. Basic diazo-aminobenzene compounds. 2,673,197, Mar. 23.
- Jensen, Adolph V. 2,678,191, Cl. 254—187.
- Jensen, Alfred C.: *See*—
Ross, Budd H., and Jensen.
- Jensen, Arthur: *See*—
Helm, Sver, and Jensen.

- Jensen, Arthur, to The Air Preheater Corp. 2,697,588, Cl. 257—245.
 Jensen, Arthur S.: See—
 Gray, George W., and Jensen. 2,684,442.
 Jensen, Clarence F., to Webster Electric Co. 2,689,738, Cl. 274—37.
 Jensen, Clarence F., to Webster Electric Co. 2,689,885, Cl. 179—100.41.
 Jensen, Elmer V. 2,688,142, Cl. 5—338.
 Jensen, Erling: See—
 Narvestad, Erling, and Jensen. 2,680,529.
 Jensen, Harry T., Milford, and H. W. Bonnett, Fairfield, assignors to United Aircraft Corporation, East Hartford, Conn. Rotor balancing means and method. 2,669,120, Feb. 16.
 Jensen, Henry E., assignor to C & D Batteries, Inc. 2,678,960, Cl. 136—135.
 Jensen, Henry E., assignor to C & D Batteries, Inc. 2,678,962, Cl. 136—168.
 Jensen, Homer. 2,688,456, Cl. 248—1.
 Jensen, Jack H.: See—
 Rust, David J., and Jensen. 2,678,690.
 Rust, David J., and Jensen. 2,678,691.
 Jensen, Jack H., and D. J. Rust, assignors to Ry-Lock Company, Ltd. 2,676,653, Cl. 160—328.
 Jensen, James A., to Philadelphia Valve Co. 2,692,617, Cl. 137—637.1.
 Jensen, James A., to Philadelphia Valve Co. 2,696,361, Cl. 251—62.
 Jensen, Jens W. 2,682,797, Cl. 81—91.
 Jensen, Kenneth S., to Preway Inc. 2,695,604, Cl. 126—191.
 Jensen, Kenneth S., and W. N. Nelson, to Preway Inc. 2,695,554, Cl. 98—46.
 Jensen, Kenneth S., and F. W. Suhr, to Preway Inc. 2,697,429, Cl. 126—116.
 Jensen, Lloyd B.: See—
 Sherman, Joseph E., and Jensen. 2,676,105.
 Sherman, Joseph E., and Jensen. 2,681,280.
 Jensen, Lloyd B., and C. Hale, to Swift & Co. 2,681,286, Cl. 99—210.
 Jensen, Louis L.: See—
 Hill, Gordon, and Jensen. 2,680,940.
 Jensen, Meredith S., assignor to Owens-Corning Fiberglass Corporation. 2,677,007, Cl. 136—145.
 Jensen, Raymond W., assignor to The Garrett Corporation, Los Angeles, Calif. Safety valve. 2,672,086, Mar. 16.
 Jensen, Rhinehardt M., and C. T. Samek, to Bell Telephone Laboratories, Inc. 2,682,859, Cl. 116—124.1.
 Jensen, Robert F. 2,688,508, Cl. 292—169.
 Jensen, Thormod, to E. T. Oakes Corp. 2,687,877, Cl. 259—8.
 Jensen, Thormod. 2,696,173, Cl. 103—149.
 Jensen, Thormod, and F. L. Waite, to American Machine & Foundry Co. 2,691,856, Cl. 53—61.
 Jensen, Warren, and J. O. Clayton, to California Research Corp. 2,683,168, Cl. 260—543.
 Jensen, Warren, and J. O. Clayton, to California Research Corp. 2,683,169, Cl. 260—543.
 Jentsch, Edward. 2,694,303, Cl. 66—126.
 Jeppson, Morris R., 40% to D. W. Garbellano. 2,695,374, Cl. 315—15.
 Jepson, Bernard. 2,691,845, Cl. 46—120.
 Jepson, Ivar, Oak Park, assignor to Sunbeam Corporation, Chicago, Ill. Hedge trimmer. 2,664,626, Jan. 5.
 Jepson, Ivar, Oak Park, assignor to Sunbeam Corporation, Chicago, Ill. Sadiron lift. 2,664,655, Jan. 5.
 Jepson, Ivar, Oak Park, assignor to Sunbeam Corporation, Chicago, Ill. Coffee maker. 2,664,811, Jan. 5.
 Jepson, Ivar, to Sunbeam Corp. 2,688,184, Cl. 30—43.
 Jepson, Ivar, to Sunbeam Corp. 2,690,623, Cl. 38—77.
 Jepson, Ivar, Oak Park, and G. Browning, Wilmette, Ill., assignors to Sunbeam Corporation. Coffee maker. Re. 23,804, Mar. 23.
 Jepson, Ivar, Oak Park, and F. E. Cervený, Berwyn, assignors to Sunbeam Corporation, Chicago, Ill. Shipping and display case for shavers and the like. 2,667,966, Feb. 2.
 Jepson, Ivar, and F. E. Cervený, to Sunbeam Corp. 2,696,568, Cl. 310—47.
 Jepson, Percy. 2,696,860, Cl. 146—2.
 Jered Industries, Inc.: See—
 Baker, Willard C. 2,687,652.
 Jeremiah, Earl E., Modesto, assignor to Pacific Can Company, San Francisco, Calif. Apparatus and method for conditioning cans of foaming liquids. 2,672,420, Mar. 16.
 Jernakoff, George, to General Electric Co. 2,698,389, Cl. 250—41.9.
 Jernigan, Elzie F., to Warren Petroleum Corp. 2,697,934, Cl. 73—17.
 Jernstedt, George W., to Westinghouse Electric Corp. 2,690,997, Cl. 204—52.
 Jernstedt, George W., and J. D. Patrick, assignors to Westinghouse Electric Corporation. 2,678,909, Cl. 204—41.
 Jernstrom, Karl W., to Seaboard Machinery Corp. 2,697,998, Cl. 114—202.
 Jeromson, James R., Jr., and D. K. Wright, Jr. 2,681,564, Cl. 73—136.
 Jerrett, Roderick L.: See—
 Boothby, Clinton R., and Jerrett.
 Jervis Corp.: See—
 Anderson, Lloyd L. 2,679,421.
 Anderson, Lloyd L. 2,679,422.
 Anderson, Lloyd L., and Johnson. 2,679,423.
 Bauder, William E. 2,679,426.
 Johnson, Robert E. 2,679,424.
 Johnson, Robert E. 2,679,425.
 Johnson, Robert E. 2,679,427.
 Rop, James O. 2,679,428.
 Rop, James O. 2,696,999.
 Jervis, Ernest R., assignor to National Union Radio Corporation. 2,676,113, Cl. 117—33.5.
 Jervis, Robert G.: See—
 Nichols, Stanhope E., and Jervis. 2,697,906.
 Jespersen, Paul W., to American Linen Supply Co. 2,691,523, Cl. 270—79.
 Jessee, Ralph D.: See—
 Austin, Bascum O., and Jessee.
 Austin, Bascum O., Jessee, and Stump.
 Jessen, George R., and C. W. Chanlund, Salt Lake City, Utah, assignors, by mesne assignments, to G. R. Jessen. Method and apparatus for making pipe from concrete and like materials. 2,671,260, Mar. 9.
 Jessen, Le Roy S., assignor to the United States of America as represented by the Secretary of the Air Force. 2,679,689, Cl. 30—123.
 Jessen, Werner H.: See—
 Cross, Ralph E., and Jessen. 2,679,038.
 Jessop, William, & Sons Ltd.: See—
 Hadfield, Dennis. 2,694,166.
 Hadfield, Dennis. 2,694,167.
 Jessup, Thomas S., to Fleco Corp. 2,692,544, Cl. 97—226.1.
 Jeswine, Fred A., M. C. Henderson, and K. K. Wyckoff, San Diego, Calif., assignors to the United States of America as represented by the Secretary of the Navy. Multiple styli recorder. 2,672,394, Mar. 16.
 Jet-Guns Co., Inc., assignee: See—
 Austin, John L. 2,680,406.
 Jet-Heat, Inc.: See—
 MacCracken, Calvin D. 2,692,014.
 MacCracken, Calvin D., and Miles. 2,686,562.
 Jet Helicopter Corp.: See—
 Sforza del Pesaro, Kasimir M. 2,679,364.
 Sforza del Pesaro, Kasimir M. 2,688,371.
 Jet Shaft Seals, Inc.: See—
 Pollard, Melville R., Jr. 2,685,463.
 Pollard, Melville R., Jr. 2,698,195.
 Jetzke, Leonard A. E., Hartford, Mich. Shielded swivel mount for conveyer hooks. 2,672,230, Mar. 16.
 Jewell, Joseph W., to The M. W. Kellogg Co. 2,681,272, Cl. 48—196.
 Jewell, Joseph W., to The M. W. Kellogg Co. 2,686,710, Cl. 23—1.
 Jewel Tea Company, Inc., assignee: See—
 Flesner, Eugene E., and Lynch.
 Jewell, Joseph W., Summit, assignor to The M. W. Kellogg Company, Jersey City, N. J. Separation of finely divided solids from gaseous suspensions thereof. 2,671,102, Mar. 2.
 Jewell, Raymond L., and G. J. Dyckes, assignors to American Sterilizer Company, Erie, Pa. Sterilizer. 2,673,379, Mar. 30.
 Jewell, Ronald C.: See—
 Land, Thomas, and Jewell. 2,677,005.
 Jewell, William R., Erie, Pa., assignor to General Electric Company. Adjustable strike. 2,669,477, Feb. 16.
 Jewett, Deane N. and R. S., to Detroit Hardware Mfg. Co. 2,696,728, Cl. 70—448.
 Jewett, Harold A. 2,675,728, Cl. 84—424.
 Jewett, Harold A. 2,675,729, Cl. 84—424.
 Jewett, Harold A. 2,675,730, Cl. 84—427.
 Jewett, Lawrence E., to Leeds and Northrup Co. 2,688,334, Cl. 137—86.
 Jewett, Merle H., assignor, by mesne assignments, to American Metaseal Mfg. Corp. 2,678,520, Cl. 51—8.
 Jewett, Millard H., Schenectady, N. Y., assignor to General Electric Company. Vehicle body. 2,672,247, Mar. 16.
 Jewett, Richard S.: See—
 Jewett, Deane N. and R. S. 2,696,728.
 Jezler, Hubert, to H. Schellenbaum. 2,689,618, Cl. 180—1.
 Jimerson, Francis A., to Ingersoll-Rand Co. 2,691,434, Cl. 192—30.5.
 Jim-Jon Toy Co.: See—
 Booth, Irving W. 2,686,386.
 Jipp, John, Houston, Tex., assignor to the United States of America as represented by the Secretary of the Army. Coaxial cable antenna connector. 2,668,239, Feb. 2.
 Jirouch, Augustin V. 2,677,409, Cl. 154—42.1.
 Jirsa, Emil F., Waterloo, assignor to Deere Manufacturing Co., Dubuque, Iowa. Controllable limit means for regulating strokes of fluid pressure apparatus. 2,670,713, Mar. 2.
 Jisha, Fred L. W. E. Liljestrand, and H. B. Young, assignors to Mission Manufacturing Company. 2,677,389, Cl. 137—565.
 Joanis, Steve, Windsor, Ontario, Canada. Auxiliary hydraulic brake system. 2,665,777, Jan. 12.
 Jobson, Elizabeth K.: See—
 Jobson, John H. 2,694,407.
 Jobson, John H., 1/2 to E. K. Jobson. 2,694,407, Cl. 137—112.

- Jobst, Conrad. 2,691,221, Cl. 33—15.
- Jochem, Karl, to General Motors Corp. 2,693,715, Cl. 71—484.
- Jochem, Theodore B.: *See*—
Howdle, Frederic E., and Jochem. 2,683,195.
- Jochem, Theodore B., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Power driven impedance controller for multiple induction motor drives. 2,671,194, Mar. 2.
- Jochem, Theodore B., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Rotary shaft multiposition electrical controller. 2,672,579, Mar. 16.
- Joel, Amos E., Jr., assignor to Bell Telephone Laboratories, Incorporated. 2,674,312, Cl. 164—115.
- Joel, Amos E., Jr., assignor to Bell Telephone Laboratories, Incorporated. 2,676,209, Cl. 179—63.
- Joel, Amos E., Jr., to Bell Telephone Laboratories, Inc. 2,690,548, Cl. 340—163.
- Joel, Amos E., Jr., to Bell Telephone Laboratories, Inc. 2,695,928, Cl. 179—18.
- Joffe, Jack D., Hopewell, Va., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Production of alcohol-modified urea-formaldehyde resins. 2,670,341, Feb. 23.
- Joffe, Morris H., to The Emulsol Corp. 2,689,797, Cl. 99—91.
- Joffre, Stephen P., assignor to Shulton, Inc. 2,679,476, Cl. 204—158.
- Johannesen, Allan N., Jeffersonville, Ind., assignor to the United States of America as represented by the Secretary of the Army. Receptacle and combined pouring spout, vent, and valve therefor. 2,668,642, Feb. 9.
- Johannesen, Allan N., to the United States of America as represented by the Secretary of the Army. 2,684,114, Cl. 158—36.
- Johannsen, Russel G., to Johannsen & Taylor, Inc. 2,686,579, Cl. 189—46.
- Johannsen & Taylor, Inc.: *See*—
Johannsen, Russel G. 2,686,579.
- Johansen, Frank M., Milwaukee, Wis. Method and apparatus for the extrusion filling of containers with ice cream and other similar semiplastic food substances. 2,670,116, Feb. 23.
- Johansen, Haylett M.: *See*—
Husaczka, Stephan, Johansen, and Cardini.
- Johansen, Henry Mathias. 2,694,501, Cl. 220—24.5.
- Johansen, Olav A., to El-Ka Elektrisk Apparatfabrikk. 2,687,460, Cl. 200—122.
- Johanson, George: *See*—
Pollard, Leon G., Ridge, and Johanson. 2,678,589.
- Johanson, Joel G. 2,685,424, Cl. 248—353.
- Johansson, August V., and T. T. Means, to General Electric Co. 2,697,199, Cl. 322—27.
- Johansson, Carl E.: *See*—
Henricks, Harold H., and Johansson. 2,682,323.
- Johansson, Carl E., to The Youngstown Steel Door Co. 2,686,480, Cl. 105—409.
- Johansson, Carl E., to The Youngstown Steel Door Co. 2,697,002, Cl. 294—69.
- Johansson, Erik G. V. 2,694,260, Cl. 33—42.
- Johansson, Ernest G., to Westinghouse Electric Corp. 2,697,185, Cl. 317—99.
- Johansson, Folke C. E., Borlange, and M. G. G. Tiberg, Hällefors, Sweden, assignors to Elektrokemisk A/S, Oslo, Norway. Mantle for continuous electrodes. 2,666,087, Jan. 12.
- Johansson, Isak E.: *See*—
Tesch, E. T. A., and Johansson.
- Tesch, Erik T. A., and Johansson. 2,674,382.
- Johansson, Johan E., to Aktiebolaget Gotaverken. 2,684,737, Cl. 192—20.
- Johansson, Karl L., Grondal, and P. H. E. Claesson, Jakobsberg, Sweden. Apparatus for indication of small capacity variations. 2,673,340, Mar. 23.
- Johanning, Franz, and O. Baums, assignors of one-half to Jagenberg-Werke Akt.-Ges., Dusseldorf, Germany. Method and mechanism for unfolding, refolding, setting up, and transporting tubular cartons in spaced relationship. 2,671,385, Mar. 9.
- John, Albert J. 2,693,045, Cl. 43—16.
- John, Frank T., assignor to The Pennsylvania Research Corporation. 2,680,054, Cl. 346—50.
- John, Robert S., Jr., to Pfanzstiehl Chemical Corp. 2,697,757, Cl. 179—100.4.
- Johns, Charles K.: *See*—
Hill, Charles, and Johns.
- Johns, Iral B., Jr., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Silicon compounds. 2,673,870, Mar. 30.
- Johns, Iral B., Jr., assignor to Monsanto Chemical Company. 2,680,098, Cl. 252—182.
- Johns-Manville Corp.: *See*—
Allen, Francis W. B. 2,695,706.
- Barbehenn, Ralph L. 2,688,462.
- Clarvoe, George W.
- Clarvoe, George W., and Pomeroy.
- Cummings, James D., and Jones. 2,692,006.
- De Gaugue, Charles L. E., Jr. 2,686,140.
- Ernst, Charles E. 2,684,171.
- Graybeal, Bruce A.
- Hesse, Jack E.
- Neesen, Gerald W. 2,684,262.
- Neesen, Gerald W. 2,686,092.
- Johns-Manville Corp.: *See*—Continued
Novotny, Edison H., and Hedges. 2,682,085.
- Quinn, Robert G. 2,695,549.
- Rankine, Adam S., Jr. 2,688,558.
- Screnock, Joseph J.
- Siering, Robert L. 2,682,087.
- Stewart, Meredith M. 2,686,161.
- Zettel, Joseph H. 2,684,206.
- Johns, Stanley S., Baltimore, Md., assignor to Rheem Manufacturing Company, Richmond, Calif. Conveyor line handling and testing of manufactured articles. 2,667,062, Jan. 26.
- Johns, Stanley S., to Rheem Mfg. Co. 2,690,929, Cl. 299—28.7.
- Johns, Thomas H. 2,679,668, Cl. 22—62.
- Johnsen, Carsten I., Floral Park, N. Y. Apparatus for treating gaseous and fluidized powder streams. 2,669,974, Feb. 23.
- Johnsen, Christian F., assignor to The Foxboro Company. 2,677,589, Cl. 346—139.
- Johnson, A., & Co., assignee: *See*—
Lindhe, John H. O. 2,674,578.
- Johnson, Aage B.: *See*—
- Johnson, Aberth J. 2,687,866, Cl. 248—168.
- Johnson, Agnar: *See*—
Atwood, Lyle C., and Johnson. 2,675,578.
- Atwood, Lyle C., and Johnson. 2,685,542.
- Johnson, Agnar, and H. H. Ring, to Atwood Vacuum Machine Co. 2,682,912, Cl. 155—14.
- Johnson, Agnar, L. C. Atwood, and W. J. Kush, to Atwood Vacuum Machine Co. 2,694,828, Cl. 16—140.
- Johnson, Albert R., New York, N. Y. Overhead lighting system for miniature theaters. 2,671,161, Mar. 2.
- Johnson, Alexander H. 2,684,225, Cl. 248—282.
- Johnson, Alfred C.: *See*—
Miller, William J., and Johnson. 2,692,625.
- Miller, William J., and Johnson. 2,695,044.
- Moore, Arthur J., Hopkins, and Johnson. 2,693,842.
- Johnson, Alfred W. 2,682,705, Cl. 30—324.
- Johnson, Alfred W. 2,697,980, Cl. 100—288.
- Johnson, Andrew G.: *See*—
Baldwin, John D., Jr., and Johnson. 2,687,018.
- Johnson, Andrew G., assignor to The Weatherhead Company. 2,677,526, Cl. 251—275.
- Johnson, Antony B., assignor to Hartford National Bank and Trust Company as trustee. 2,676,255, Cl. 250—27.
- Johnson, Armigene R., New York, N. Y. Blouse construction for dresses. 2,668,955, Feb. 16.
- Johnson, Arne B., Madison, Wis. Bottle warmer. 2,666,127, Jan. 12.
- Johnson, Arne B., to Hanksraft Co. 2,688,686, Cl. 219—40.
- Johnson, Arnold E. W., Oak Park, and J. R. Orelind, Wilmette, Ill., assignors to International Harvester Company. Wheel support for tandem disk harrows. 2,667,724, Feb. 2.
- Johnson, Arnold N.: *See*—
Spence, Harry R., Johnson, and Osborne. 2,676,900.
- Johnson, Arnold N., assignor to Commercial Solvents Corporation, Terra Haute, Ind. Nitro derivatives of substituted benzoates. 2,671,108, Mar. 2.
- Johnson, Arnold N., to Commercial Solvents Corp. 2,692,889, Cl. 260—454.
- Johnson, Arthur A., Bridgeport, assignor to The Gora-Lee Corporation, Stratford, Conn. Apparatus and method for manufacture of composite articles. 2,665,451, Jan. 12.
- Johnson, Arthur A., assignor to Casco Products Corporation, Bridgeport, Conn. Safety device for steam irons. 2,669,643, Feb. 16.
- Johnson, Arthur A., to Casco Products Corp. 2,684,567, Cl. 58—125.
- Johnson, Arthur C., San Marino, Calif. Electrically driven speed reducing power unit. 2,672,170, Mar. 16.
- Johnson, Arthur S.: *See*—
Rucks, Edward L., and Johnson. 2,687,498.
- Yeo, Ernest E., and Johnson. 2,685,268.
- Johnson, Ava J., G. E. Liedholm, and M. C. Lowman, to Shell Development Co. 2,694,037, Cl. 196—56.
- Johnson, Axel H., to J. I. Case Co. 2,694,319, Cl. 74—559.
- Johnson, Benjamin H., Mason, assignor to W. W. Welch, Cincinnati, Ohio. Reversible fan motor mounting. 2,673,699, Mar. 30.
- Johnson, Benjamin H., assignor to W. W. Welch. 2,677,522, Cl. 248—236.
- Johnson Bronze Co.: *See*—
Dight, James. 2,693,121.
- Love, Phil P. 2,679,438.
- Johnson, Byron A.: *See*—
Shepherd, Douglas A., Campbell, and Johnson. 2,697,106.
- Johnson, C. S., Company, assignee: *See*—
Martinson, Edwin O. 2,679,322.
- Johnson, Carl E.: *See*—
Harban, Arthur A., and Johnson.
- Lien, Arthur P., and Johnson.
- Johnson, Carl E., Griffith, and A. P. Lien, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Preparation of the ethyl esters of sulfonic acids. 2,665,293, Jan. 5.
- Johnson, Carl E., and W. F. Wolff, to Standard Oil Co. 2,697,722, Cl. 260—513.
- Johnson, Carl G. A., Jr., to The Ohio Brass Co. 2,687,218, Cl. 213—21.

- Johnson, Carl P.: *See*—
Campbell, Henry W., and Johnson.
- Johnson, Carroll W., and J. T. Clark; said Clark assor. to said Johnson. 2,681,690, Cl. 155—81.
- Johnson, Cecil E., assignor to Chicopee Manufacturing Corporation. 2,676,324, Cl. 2—143.
- Johnson, Charles A., Andover, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel block sawing machine. 2,666,461, Jan. 19.
- Johnson, Charles A. 2,682,375, Cl. 241—92.
- Johnson, Charles H., to Gisholt Machine Co. 2,689,498, Cl. 82—18.
- Johnson, Charles J. T., and F. R. Smith, to United Shoe Machinery Corp. 2,688,145, Cl. 12—1.
- Johnson, Charles N., W. H. Stephenson, and J. H. Nash. 2,679,200, Cl. 97—215.
- Johnson, Charles R., Glenn Mills, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Initiator manufacturing apparatus. 2,670,465, Feb. 23.
- Johnson, Charles W., to Johnson Gas Appliance Co. 2,696,815, Cl. 126—360.
- Johnson, Clarence: *See*—
Eschenburg, William A., Pettigrew, and Johnson. Re. 23,822.
- Johnson, Clarence, Orfordville, Wis., assignor, by mesne assignments, to Rockwell Manufacturing Company, Pittsburgh, Pa. Fluid engaged clutch and brake. 2,669,333, Feb. 16.
- Johnson, Clarence, Orfordville, Wis., assignor, by mesne assignments, to Rockwell Manufacturing Company, Pittsburgh, Pa. Coil winding apparatus and power mechanism therefor. 2,670,144, Feb. 23.
- Johnson, Clarence, Orfordville, Wis., assignor, by mesne assignments, to Rockwell Manufacturing Company, Pittsburgh, Pa. Fluid mixing and serving mechanism. 2,672,089, Mar. 16.
- Johnson, Clarence. 2,675,204, Cl. 251—25.
- Johnson, Clarence. 2,690,532, Cl. 318—162.
- Johnson, Clarence, to Rockwell Mfg. Co. 2,691,962, Cl. 121—15.
- Johnson, Clarence L., assignor to Lockheed Aircraft Corporation. 2,674,420, Cl. 244—1.
- Johnson, Clarence R., Gary, Ind. Television system for remote time indication. 2,671,131, Mar. 2.
- Johnson, Clarence V.: *See*—
Greene, Charles C., and Johnson.
- Johnson, Claus G., assignor to Barber-Colman Company, Rockford, Ill. Commutated wound armature assembly. 2,668,926, Feb. 9.
- Johnson, Clyde E., Wichita Falls, Tex. Folding tray. 2,672,988, Mar. 23.
- Johnson, Darrell M. 2,681,814, Cl. 283—66.
- Johnson, David A., and W. J. Pratt, said Johnson to said Pratt. 2,693,141, Cl. 99—326.
- Johnson, David E.: *See*—
Mann, Theodore C., and Johnson. 2,675,837.
- Johnson, David G., and J. Mayer, to Detroit Steel Products Co. 2,695,444, Cl. 29—33.
- Johnson, David G., and J. Mayer, to Detroit Steel Products Co. 2,695,445, Cl. 29—417.
- Johnson, David W., assignor to The Arrow-Hart & Hege-man Electric Company, Hartford, Conn. Selector switch with step-by-step control. 2,669,612, Feb. 16.
- Johnson, Del O., and F. A., to Foremost Dairies, Inc. 2,693,336, Cl. 249—59.
- Johnson, Donald E. 2,690,266, Cl. 211—149.
- Johnson, Edgar B., and J. F. Webster, to British Celanese Ltd. 2,687,944, Cl. 18—54.
- Johnson, Edward O., C. E. Curtis, and M. A. Colacello, assignors to Radio Corporation of America. 2,679,016, Cl. 313—38.
- Johnson, Edward O., and W. M. Webster, Jr., to Radio Corp. of America. 2,689,325, Cl. 321—35.
- Johnson, Edward R.: *See*—
Kahle, Walter R., and Johnson. 2,694,960.
- Johnson, Edward S. 2,678,461, Cl. 15—265.
- Johnson, Edward W., and B. F. Freeberg, to Vapor Heating Corp. 2,696,937, Cl. 226—21.
- Johnson, Edwin E., Samson, Ala. Peanut harvester. 2,667,021, Jan. 26.
- Johnson, Elbert L., Warren, Ohio, assignor to General Motors Corporation, Detroit, Mich. Fuse holder. 2,668,888, Feb. 9.
- Johnson, Elbert L., to General Motors Corp. 2,682,038, Cl. 339—204.
- Johnson, Ellsworth T., assignor to Deere & Company. 2,676,446, Cl. 56—23.
- Johnson, Elmer. 2,678,996, Cl. 240—71.
- Johnson, Elmer A. 2,681,197, Cl. 248—71.
- Johnson, Elmer L., assignor to Bell & Howell Company, Chicago, Ill. Automatic sheet feeding mechanism. 2,665,906, Jan. 12.
- Johnson, Emil H.: *See*—
Schnuck, Carl F., and Johnson. 2,678,465.
- Johnson, Emil M. 2,690,851, Cl. 214—359.
- Johnson, Eric C.: *See*—
Urban, Stephen E., Morris, and Johnson. 2,677,635.
- Johnson, Erik A.: *See*—
Stålhandske, David G., and Johnson.
- Stålhandske, David G., and Johnson. 2,692,045.
- Johnson, Ernest A., Duluth, Minn. Grain sampler. 2,664,751, Jan. 5.
- Johnson, Ernest H., Bridgeport, Conn., assignor to The Bullard Company, Chuck. 2,669,458, Feb. 16.
- Johnson, Ernest H., and J. C. La Mastra, to The Bullard Co. 2,696,386, Cl. 279—119.
- Johnson, Ernest O., to Radio Corp. of America. 2,682,608, Cl. 250—33.
- Johnson, Ernest W.: *See*—
Weinberg, Elliott L., Banks, Johnson, and Gloskey. 2,684,956.
- Weinberg, Elliott L., Johnson, and Banks. 2,680,726.
- Johnson, Ernest W., Mountainside, and J. M. Church, Tenafly, N. J., assignors to Metal & Thermit Corporation, New York, N. Y. Making organo-tin halides. 2,672,471, Mar. 16.
- Johnson, Ervin G., Oakland, Calif. Flexible record protective recording media. 2,670,971, Mar. 2.
- Johnson, Everett A., Park Ridge, assignor to Standard Oil Company, Chicago, Ill. Hydraulic fracturing to increase well productivity. 2,664,954, Jan. 5.
- Johnson, Everett A., to Standard Oil Co. 2,687,175, Cl. 166—42.
- Johnson, Ewing M. 2,683,885, Cl. 15—50.
- Johnson Fare Box Co.: *See*—
Fields, George C., and Reddington. 2,685,288.
- Johnson, Flaven E.: *See*—
Clower, Egbert H., and Johnson. 2,697,115.
- Johnson, Fred F.: *See*—
Rogers, Kenneth H. 2,682,440.
- Johnson, Frederick E., assignee: *See*—
Adams, Loyd. 2,675,685.
- Johnson, Francis A.: *See*—
Johnson, Del O. and F. A. 2,693,336.
- Johnson, Frithiof V., to General Electric Co. 2,697,354, Cl. 74—544.
- Johnson Gage Development Co., The: *See*—
Case, Calvin C. 2,696,675.
- Johnson, Paul W.
- Johnson Gas Appliance Co.: *See*—
Johnson, Charles W. 2,696,815.
- Johnson, George C.: *See*—
Badertscher, Darwin E., Francis, and Johnson. 2,688,645.
- Koft, Emil, Jr., and Johnson. 2,681,350.
- Johnson, George C., to Allis-Chalmers Mfg. Co. 2,682,020, Cl. 317—165.
- Johnson, George D., to General Motors Corp. 2,692,692, Cl. 214—18.
- Johnson, Gladwin E. 2,694,541, Cl. 248—100.
- Johnson, Glen H. 2,694,806, Cl. 340—404.
- Johnson, Glenn D., to Baash-Ross Tool Co. 2,681,794, Cl. 254—192.
- Johnson, Gloria P. 2,697,465, Cl. 150—1.
- Johnson, Gordon B.: *See*—
Darragh, John L., and Johnson. 2,688,583.
- Stayner, Richard D., and Johnson. 2,692,231.
- Johnson, Gordon, Equipment Co.: *See*—
Johnson, Gordon W. 2,694,829.
- Johnson, Gordon H., and J. F. Wuellner, Cleveland, Ohio, assignors to Ferro Corporation. Color stable porcelain enamel and producing same. 2,670,300, Feb. 23.
- Johnson, Gordon W., Raytown, assignor to Gordon Johnson Company, Kansas City, Mo. Rotary flexible scrubbing member for receptacle washing machines. 2,671,921, Mar. 16.
- Johnson, Gordon W., Raytown, assignor to Gordon Johnson Company, Kansas City, Mo. Apparatus for preserving eggs. 2,673,515, Mar. 30.
- Johnson, Gordon W., to Gordon Johnson Equipment Co. 2,694,829, Cl. 17—11.1.
- Johnson, Gordon W., Co.: *See*—
Johnson, Gordon W.
- Zebarth, Ralph S. 2,685,706.
- Zebarth, Ralph S. 2,697,246.
- Johnson, Gustaf O., assignor to Johnson Machine & Press Corporation. 2,677,447, Cl. 192—24.
- Johnson, Gustave A., assignor to New England Bedding Co. 2,679,892, Cl. 155—45.
- Johnson, Guy D., Jr., Red Bank, N. J., assignor to the United States of America as represented by the Secretary of the Army. Radiation shield for spark plugs. 2,666,423, Jan. 19.
- Johnson, Harold H. 2,693,147, Cl. 102—8.
- Johnson, Harold I. 2,684,654, Cl. 115—34.
- Johnson, Harold L.: *See*—
Lawson, James L., Linford, and Johnson. 2,688,697.
- Johnson, Harold L., Pasadena, Calif., and V. Josephson, Cambridge, Mass. Short-pulse modulator. 2,666,849, Jan. 19.
- Johnson, Harry N., to The Greist Mfg. Co. 2,697,992, Cl. 112—160.
- Johnson, Harwick, to Radio Corp. of America. 2,685,031, Cl. 250—36.
- Johnson, Henry L. 2,675,179, Cl. 238—10.
- Johnson, Herbert B., to The Quaker Oats Co. 2,687,803, Cl. 209—127.
- Johnson, Herbert C.: *See*—
Christian, Raymond A., Ganger, Crawford, and Johnson.
- Johnson, Herbert F. 2,679,222, Cl. 113—12.
- Johnson, Herbert H. 2,696,320, Cl. 216—4.
- Johnson, Herbert L. 2,686,030, Cl. 248—103.
- Johnson, Herbert L., and A. P. Stuart, to Sun Oil Co. 2,686,763, Cl. 252—412.
- Johnson, Herman H. W. 2,693,719, Cl. 74—710.

- Johnson, Horace J., Grosse Pointe, Mich., assignor, by mesne assignments, to Buffalo Eclipse Corporation. Liquid-level gauge. 2,672,757, Mar. 23.
- Johnson, Horace J., to Buffalo Eclipse Corp. 2,693,702, Cl. 73—327.
- Johnson, Howard E.: *See—*
Kallenborn, John, Shoemaker, and Johnson. 2,697,312.
- Johnson, Howard L. 2,676,787, Cl. 255—1.8.
- Johnson, Irvin W.: *See—*
Musser, George C. 2,694,420.
- Johnson, James: *See—*
Manupello, Anthony B. 2,682,298.
- Johnson, James E., to The National Cash Register Co. 2,696,782, Cl. 101—93.
- Johnson, James P. 2,684,038, Cl. 103—161.
- Johnson, James R.: *See—*
Backman, Fred. 2,684,598.
- Johnson, John A.: *See—*
Eberl, James J., and George. 2,688,586.
Mesek, Fred K. 2,698,270.
Miller, Byron S., and Johnson. 2,683,682.
Schaefer, Robert J. 2,694,486.
Schwartz, Morris A., and Bilane. 2,691,517.
Willits, George W. 2,689,643.
- Johnson, John A., Zebulon, N. C. Farm tractor. 2,666,491, Jan. 19.
- Johnson, John H.: *See—*
Black, Howard C., and Johnson. 2,680,122.
- Johnson, John H., to A. F. Wintercorn. 2,696,232, Cl. 144—292.
- Johnson, John J., M. W. Lempke, and A. J. Gentile, assignors to Delavan Welding Company, Inc. 2,680,627, Cl. 280—438.
- Johnson, John R., Ithaca, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo compounds having alkoxy and cyano groups. 2,666,758, Jan. 19.
- Johnson, John R. 2,679,718, Cl. 56—310.
- Johnson, John R., A. T. Blomquist, and F. T. Fiedorek, to the United States of America as represented by the Secretary of War. 2,683,165, Cl. 260—467.
- Johnson, John S., C. C. Sterrett, and J. R. Garber, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Insulated bushing. 2,669,601, Feb. 16.
- Johnson, John S., and M. M. Fromm, assignors to Westinghouse Electric Corporation. 2,677,067, Cl. 310—260.
- Johnson & Johnson: *See—*
Ashton, William H.
Eberl, James J. 2,683,093.
Evans, Everett I., Henderson, and Swank. 2,682,873.
Masci, Joseph N., and Poirier. 2,680,753.
Metzler, Charles L., Wark, and Bowen. 2,681,185.
Mulligan, Robert J. 2,695,124.
- Johnson, Joseph A. 2,679,721, Cl. 56—400.
- Johnson, Joseph A. 2,689,200, Cl. 154—46.
- Johnson, Joseph E., Louisville, Ky., assignor to Baker & Co., Inc., Newark, N. J. Orthodontic device. 2,665,480, Jan. 12.
- Johnson, Kalin S.: *See—*
Hartman, Frank W., Jr., and Johnson. 2,698,010.
- Johnson, Kenneth: *See—*
Eldred, Earl J., and Johnson.
- Johnson, Kermit F.: *See—*
La Mere, Frank J., Johnson, and Winzen.
- Johnston Lawn Mower Corp.: *See—*
Wilkin, Ellsworth D. 2,696,741.
- Johnston, Leith, and E. C. Coulombe, Jr., to Automatic Electric Laboratories, Inc. 2,691,342, Cl. 101—66.
- Johnson, Leonard, assignor to Hart-Carter Company, Minneapolis, Minn. Resilient bumper stop for separator screens. 2,667,971, Feb. 2.
- Johnson, Leonard, assignor to Hart-Carter Company, Minneapolis, Minn. Unattached screen clearer which can be rendered inoperative. 2,667,972, Feb. 2.
- Johnson, Leonard E. 2,682,706, Cl. 32—5.
- Johnson, Leonard G. 2,685,742, Cl. 33—126.5.
- Johnson, Leonidas E.: *See—*
Pennebaker, Lewis C., and Johnson. 2,692,721.
- Johnson, Leonidas E., to Container Corp. of America. 2,692,722, Cl. 229—45.
- Johnson, Lester R. 2,677,351, Cl. 119—99.
- Johnson, Lloyd E.: *See—*
Best, Cleafe A., and Johnson.
Denison, Henry W., and Johnson.
- Johnson Machine & Press Corporation, assignee: *See—*
Johnson, Gustaf O. 2,677,447.
- Johnson, Malcolm S., assignor to Illinois Railway Equipment Company. 2,675,766, Cl. 105—369.
- Johnson, Malcolm S., to Central Railway Supply Co. 2,681,470, Cl. 16—146.
- Johnson, Matthey & Company Limited, assignee: *See—*
Aldridge, Kenneth G.
- Johnson, Melvin C., St. Paul, assignor of one-half to P. N. Ross, Minneapolis, Minn. Ice boring device. 2,666,623, Jan. 19.
- Johnson, Merle J. 2,694,026, Cl. 154—54.
- Johnson, Milton: *See—*
Heise, Lorenz W., and Johnson. 2,692,229.
- Johnson, Nils, Silver Spring, Md. Hooking device. 2,666,664, Jan. 19.
- Johnson, Orvin S., Manhattan Beach, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Anatomical knee and hydraulic snubber. 2,667,644, Feb. 2.
- Johnson, Ouida F., and R. A. Bell. 2,693,897, Cl. 220—52.
- Johnson, Paul H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon process for reducing the pour point of a topped crude oil. 2,666,022, Jan. 12.
- Johnson, Paul S., Newington, Conn. Maximum security door. 2,668,052, Feb. 2.
- Johnson, Paul W., Bloomfield, Conn., assignor, by mesne assignments, to The Johnson Gage Development Company. Multiple roller head and gauge. 2,668,362, Feb. 9.
- Johnson Products, Inc.: *See—*
Bergmann, Paul F.
Humphreys, John W. 2,688,319.
- Johnson & Quin: *See—*
Johnson, Ralph L. 2,687,590.
- Johnson, Ralph E., Mountainside, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-bar drive link for sewing machines. 2,669,208, Feb. 16.
- Johnson, Ralph E., assignor to Arrow Tools, Inc. 2,680,496, Cl. 184—55.
- Johnson, Ralph E., to Radio Corp. of America. 2,682,479, Cl. 117—33.23.
- Johnson, Ralph L., to Johnson & Quin. 2,687,590, Cl. 40—159.
- Johnson, Ramond J., assignor to General Electric Company. 2,676,491, Cl. 74—5.42.
- Johnson, Raymond C., to Anthracite Equipment Corp. 2,689,560, Cl. 126—101.
- Johnson, Rayner S., New Castle, assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Stabilization of derivatives of dithiocarbamic acids. 2,665,285, Jan. 5.
- Johnson, Reuben. 2,679,868, Cl. 143—52.
- Johnson, Reynold B., H. A. Jurgens, and O. F. Moneagle, to International Business Machines Corp. 2,684,719, Cl. 164—113.
- Johnson, Robert C., Jr. 2,691,862, Cl. 56—34.
- Johnson, Robert E.: *See—*
Anderson, Lloyd L., and Johnson. 2,679,423.
Brown, Charles K., Jr., and Smith. 2,681,171.
- Johnson, Robert E., assignor to Jervis Corporation. 2,679,424, Cl. 292—332.
- Johnson, Robert E., assignor to Jervis Corporation. 2,679,425, Cl. 292—332.
- Johnson, Robert E., assignor to Jervis Corporation. 2,679,427, Cl. 292—332.
- Johnson, Robert E., to Scovill Mfg. Co. 2,691,627, Cl. 204—18.
- Johnson, Robert J., to Monsanto Chemical Co. 2,686,573, Cl. 183—87.
- Johnson, Robert N., assignor to United Aircraft Corporation. 2,675,698, Cl. 73—67.
- Johnson, Robert O., to Detroit Steel Products Co. 2,686,669, Cl. 268—119.
- Johnson, Robert P. 2,686,028, Cl. 248—13.
- Johnson, Rose: *See—*
Manupello, Anthony B. 2,682,298.
- Johnson, Roy W., and L. V. McCarty, to A P Controls Corp. 2,683,565, Cl. 236—1.
- Johnson Rubber Company, The, assignee: *See—*
Farmwald, John A. 2,679,964.
- Johnson, S. C., & Son, Inc.: *See—*
Budner, Anton E. 2,676,893.
Heiss, Herbert L. 2,684,914.
Mailander, Norman G.
Meldgaard, Jerome A. 2,693,934.
Rogers, Charles F.
Swenson, Oscar J.
Weidner, Max.
Whyte, Donald E., and Wilder. 2,683,092.
Wilder, Edward A., and Spurgat. 2,682,516.
- Johnson, Samuel G., and J. A. Hausmann, to International Harvester Co. 2,686,061, Cl. 280—104.5.
- Johnson, Sarah A. 2,687,534, Cl. 4—110.
- Johnson, Scott R., to Continental Can Co., Inc. 2,695,582, Cl. 113—1.
- Johnson Spring Cushion Co.: *See—*
Bergstrom, Victor J. 2,694,418.
- Johnson, Stanley A.: *See—*
Waller, William E., and Johnson.
Weber, Ernst, Griemsmann, and Johnson.
- Johnson, Stanley A., New York, assignor to Polytechnic Research and Development Company Incorporated, Brooklyn, N. Y. Microwave frequency meter. 2,666,904, Jan. 19.
- Johnson, Theodore L. 2,687,170, Cl. 160—84.
- Johnson, Thomas F.: *See—*
Gray, James W., and Johnson.
- Johnson, Thomas J., Jr., and A. G. Van Alstyne, to Gilfillan Bros., Inc. 2,689,952, Cl. 343—5.
- Johnson, Venner G., Des Moines, Iowa. Foldable portable sled. 2,673,744, Mar. 30.
- Johnson, Vernon M., Clio, Mich. Side coupled carriers that pass to opposite sides of obstructions. 2,673,366, Mar. 30.
- Johnson, Walfred C., and J. J. P. Odell. 2,677,460, Cl. 206—65.
- Johnson, Wallace C., to The Duriron Co., Inc. 2,681,869, Cl. 117—65.
- Johnson, Wallace J. S., Berkeley, Calif. Portable scaffold unit. 2,665,950, Jan. 12.
- Johnson, Wallace J. S., assignor to Up-Right, Inc. 2,679,413, Cl. 287—54.

- Johnson, Walter A., and N. I. Sebell, to Onondaga Pottery Co. 2,686,587, Cl. 198—31.
- Johnson, Warren C., and P. Wehner, Chicago, Ill., assignors to the United States of America as represented by the Secretary of the Navy. Thermometric method and apparatus for determining the amount of impregnate in cloth. 2,672,403, Mar. 16.
- Johnson, Wayne, to J. T. Mullin. 2,694,748, Cl. 178—5.
- Johnson, Wayne, to J. T. Mullin. 2,695,331, Cl. 178—6.6.
- Johnson, Wayne A. 2,674,029, Cl. 29—96.
- Johnson, Willard J., Midland Park, N. J., assignor of one-third to L. Danenberg and one-third to A. Danenberg, Long Island City, N. Y. Means for treating the interior surface of tubing being extruded. 2,668,323, Feb. 9.
- Johnson, Willard J., Midland Park, N. J., assignor of one-third to L. Danenberg and one-third to A. Danenberg, Long Island City, N. Y. Means for making creaseless, completely flattened, extruded plastic tubing. 2,668,324, Feb. 9.
- Johnson, William A.: *See—*
Hulstedt, Emery S. 2,697,618.
- Johnson, William B., to The M. W. Kellogg Co. 2,686,819, Cl. 260—676.
- Johnson, William E.: *See—*
English, Francis G. S., and Johnson. 2,687,644.
- Johnson, William E., and A. J. Munro, assignors to Powers-Samas Accounting Machines Limited. 2,674,652, Cl. 178—23.
- Johnson, William E. P., assignor to Power Jets (Research and Development) Limited. 2,677,273, Cl. 73—133.
- Johnson, William S.: *See—*
Price, Edward H., and Johnson. 2,687,441.
- Johnson, William S., and R. P. Graber. 2,683,738, Cl. 260—520.
- Johnson, William S., and R. O. Clinton, to Sterling Drug Inc. 2,686,188, Cl. 260—397.45.
- Johnson City Foundry & Machine Works, Inc., assignee: *See—*
McFall, Charles R. 2,676,627.
- Johnson's Co. Ltd.: *See—*
Pharo, Merritt C. 2,695,707.
- Johnston, Allen, and L. F. Lotter, Oconto Falls, Wis. Turret type luggage carrier for automotive vehicles. 2,667,295, Jan. 26.
- Johnston, Charles S., assignor to Transportation Specialties Co., Chicago, Ill. Running board and means for attaching the same to the roof of railway cars. 2,668,507, Feb. 9.
- Johnston, Douglas, to John Blue Co. 2,684,617, Cl. 97—78.
- Johnston, Eileen L., Bernardsville, and F. W. Holly, Cranford, assignors to Merck & Co., Inc., Rahway, N. J. Preparing polycyclic α,β -unsaturated ketones. 2,671,808, Mar. 9.
- Johnston, Franklin, St. Albans, W. Va., assignor to Union Carbide and Carbon Corporation. Plastic composition comprising a vinyl halide polymer and a phosphorus containing compound as a plasticizer therefor. 2,668,800, Feb. 9.
- Johnston, Homer. 2,690,924, Cl. 292—347.
- Johnston, John S.: *See—*
Kelman, Robert B., and Johnston. 2,684,618.
- Johnston, M. O., assignee: *See—*
Miller, Raymond S., and Sinclair.
- Johnston, Mordica O.: *See—*
O'Neill, Frank E., and Johnston.
- Johnston, Mordica O., Glendale, Calif. Valve for well testing tools. 2,667,927, Feb. 2.
- Johnston, Mordica O., Glendale, Calif. Well testing apparatus. 2,671,509, Mar. 9.
- Johnston, Mordica O., assignor, by mesne assignments, to Johnston Testers, Inc. 2,674,316, Cl. 166—12.
- Johnston, Mordica O., and J. A. Moosman, to Johnston Testers, Inc. 2,680,913, Cl. 33—178.
- Johnston, Mordica O., Glendale, and H. C. Skipper, Montrose, Calif., assignors, by mesne assignments, to Johnston Testers, Inc., Houston, Tex. Adjustable flow bean. 2,665,758, Jan. 12.
- Johnston, Rowland W., Jr., assignor to The Texas Company. 2,674,319, Cl. 166—21.
- Johnston, Samuel A., Walworth, Wis., assignor to The George W. Borg Corporation, Chicago, Ill. Exposure timer of X-ray apparatus. 2,668,909, Feb. 9.
- Johnston Testers, Inc.: *See—*
Bagnell Edgar W. 2,683,370.
Huber, Clyde L. 2,690,227.
Johnston, Mordica O. 2,674,316.
Johnston, Mordica O., and Moosman. 2,680,913.
Johnston, Mordica O., and Skipper.
O'Neill, Frank E., and Johnston.
- Johnston, Virgil A., Fulton, Mo. Attachment for printing slug casting machines. 2,665,800, Jan. 12.
- Johnston, Walter H.: *See—*
Payberg, Carl, and Johnston. 2,693,119.
- Johnston, William D. 2,696,858, Cl. 144—256.
- Johnston, William R., New Milford, Conn. Positive drive nonspin differential for motor vehicles. 2,671,358, Mar. 9.
- Johnston, William R., and H. E. Foote, to Standard Brands Inc. 2,689,181, Cl. 99—23.
- Johnstone, Ben B.: *See—*
Orthuber, Richard K., Clemens, and Johnstone.
- Johnstone, Cecil, and D. J. B. Marke, to Imperial Chemical Industries Ltd. 2,695,258, Cl. 167—40.
- Moosman, Jack A. 2,690,807.
- Smith, Joseph D., and Taylor. 2,695,067.
- Johnstone, Charles W.: *See—*
Kalbach, John F., and Johnstone. 2,689,949.
- Johnstone, Claude: *See—*
Schumm, Frederick R., and Johnstone. 2,680,690.
- Johnstone, David M.: *See—*
Edwards, Baden J., and Johnstone. 2,683,832.
- Johnstone, Harry M., assignee: *See—*
Glaze, Paul E.
- Johnstone, Henry F., assignor to Texas Gulf Sulphur Company. 2,676,090, Cl. 23—178.
- Johnstone, James H. 2,685,967, Cl. 209—219.
- Johnstone, Robert F.: *See—*
Gordon, Samuel H., Thomson, and Johnstone. 2,685,628.
- Johnstone, Warren W., assignor to Universal Oil Products Company. 2,676,192, Cl. 260—624.
- Joints, Inc., assignee: *See—*
Calder, William G.
- Jolley, James E. 2,686,471, Cl. 101—419.
- Jolly, James G.: *See—*
Orloff, Harold D., and Jolly. 2,674,623.
- Jominy, Walter E., Detroit, and J. H. Olson, Berkeley, assignors to Chrysler Corporation, Highland Park, Mich. Aluminum coating process and flux. 2,671,737, Mar. 9.
- Jonaitis, Edward A. 2,691,770, Cl. 339—183.
- Jonas, Albert M.: *See—*
Jonas, Salo and A. M.
- Jonas, Herbert C., Summit, and R. W. Sears, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,668,927, Feb. 9.
- Jonas, Salo and A. M., New Haven, Conn. Self-retaining medullary extension splint. 2,672,861, Mar. 23.
- Jones, Alan S., assignor to Radio Corporation of America. 2,675,974, Cl. 242—55.
- Jones, Albert S., to Cranston Print Works Co. 2,695,653, Cl. 154—30.
- Jones, Alexander H., Jackson, Miss. Building ventilator. 2,665,626, Jan. 12.
- Jones, Alfred E., Kingston-on-Thames, and N. C. Hayes, Worcester, England. Air navigational device for computing corrections for track errors. 2,667,305, Jan. 26.
- Jones, Alfred L., Fresno, Calif. Hair drier. 2,665,501, Jan. 12.
- Jones, Allen R.: *See—*
Smith, John O., Jr., and Jones. 2,676,926.
- Jones, Alice M., $\frac{1}{2}$ to D. Bennett. 2,692,449, Cl. 41—13.
- Jones, Allen R., and J. O. Smith, Jr., to Standard Oil Development Co. 2,694,045, Cl. 252—44.5.
- Jones, Alva R., to The Northwestern Corp. 2,696,324, Cl. 221—20.
- Jones, Arthur B., Detroit, Mich. Trousers pressing machine. 2,669,374, Feb. 16.
- Jones, Arthur B., Jr., to Saywell Associates. 2,689,772, Cl. 308—187.2.
- Jones, Barton, Los Angeles, Calif. Fluid pressure responsive equipment. 2,664,749, Jan. 5.
- Jones, Beecher B.: *See—*
Danly, George I., Jones, and Danly. 2,695,383.
- Jones, Bob, University, assignee: *See—*
Nichols, Ralph M.
Nichols, Ralph M., and Cowan.
- Jones, Burton H.: *See—*
Jones, John M., and Ashley. 2,684,509.
- Jones, Cable B. 2,690,074, Cl. 72—77.
- Jones, Cernyw F., to Perfect Circle Corp. 2,688,802, Cl. 33—148.
- Jones, Charles E., to Crest Specialty (Not Inc.). 2,693,194, Cl. 131—242.
- Jones, Charles H., Jr. 2,693,967, Cl. 280—11.35.
- Jones, Charles H., and G. W. Nagel, to Westinghouse Electric Corp. 2,687,500, Cl. 317—135.
- Jones, Clarence M. 2,679,218, Cl. 112—79.
- Jones, Clarence M. 2,679,221, Cl. 112—262.
- Jones, Clarence R., assignor to The Youngstown Steel Door Company. 2,678,612, Cl. 105—409.
- Jones, Clarence W., Boston, Mass. Cavity coupling to wave guide. 2,666,903, Jan. 19.
- Jones, Clifford, assignor to Pilkington Brothers Limited. 2,678,282, Cl. 106—65.
- Jones, Corliss W. 2,695,636, Cl. 140—102.
- Jones, Daniel C.: *See—*
Lichtenberg, Erich H., and Jones.
- Jones, David G., to Imperial Chemical Industries Ltd. 2,686,814, Cl. 260—601.
- Jones, David W.: *See—*
Tallalay, Anselm, and Jones. 2,687,979.
- Jones, Delbert R.: *See—*
Garrett, John E., Karelitz, and Jones. 2,674,127.
- Jones, Don F., assignor to Motor Wheel Corporation, Lansing, Mich. Burner mounting in a gas heater. 2,671,500, Mar. 9.
- Jones, Dwight E., to E. D. Jones & Sons Co. 2,682,810, Cl. 92—26.
- Jones, Dwight E., to E. D. Jones & Sons Co. 2,693,738, Cl. 92—26.
- Jones, Dwight E., and E. H. Cumpston, Jr., to E. D. Jones & Sons Co. 2,690,098, Cl. 92—26.

- Jones, E. D., & Sons Co.: *See*—
 Jones, Dwight E. 2,682,810.
 Jones, Dwight E., and Cumpston. 2,690,098.
 Jones, Dwight E. 2,693,738.
- Jones, Earl E., deceased; M. Jones, executrix, to J & B Steel Products, Inc. 2,682,940, Cl. 189—86.
- Jones, Earl P., to Gate City Sash and Door Co. 2,694,238, Cl. 20—53.
- Jones, Earle W., Hastings-on-Hudson, N. Y. Master sound record. 2,666,651, Jan. 19.
- Jones, Edward L.: *See*—
 Hachmuth, Karl H., and Jones. 2,688,853.
- Jones, Edward L., Okmulgee, Okla., assignor to Phillips Petroleum Company. Partial oxidation of hydrocarbons. 2,672,488, Mar. 16.
- Jones, Edward L., to Phillips Petroleum Co. 2,697,032, Cl. 23—284.
- Jones, Edward T., Jr., assignor to Celanese Corporation of America. 2,674,112, Cl. 68—20.
- Jones, Eldon M., to Parke, Davis & Co. 2,684,364, Cl. 260—239.55.
- Jones, Elmer F.: *See*—
 Kuenn, William W., and Jones. 2,681,702.
- Jones, Ennis E., to Minneapolis-Honeywell Regulator Co. 2,696,119, Cl. 73—360.
- Jones, Frank A., Bristol, Tenn., assignor to Enterprise Wheel and Car Corporation, Bristol, Va. Underslung variable rate spring assembly for trailer trucks. 2,667,361, Jan. 26.
- Jones, Fred J.: *See*—
 Consoldane, Anthony V., Jones, Kirinec, and Ward. 2,678,230.
- Jones, Fred R.: *See*—
 Gardinor, Elliott W., and Jones. 2,682,833.
- Jones, Frederick A., to Dunlop Rubber Co. Ltd. 2,684,391, Cl. 260—793.
- Jones, Frederick M., to The U. S. Thermo Control Co. 2,696,086, Cl. 62—4.
- Jones, Frederick M., assignor to U. S. Thermo Control Co., Minneapolis, Minn. Method and means of defrosting a cold diffuser. 2,666,298, Jan. 19.
- Jones, George M., Jenkintown Manor, Pa. Riveted handle. 2,670,647, Mar. 2.
- Jones, George O. 2,691,504, Cl. 251—46.
- Jones, George S., and T. Swanke, to Eastman Kodak Co. 2,691,321, Cl. 88—24.
- Jones, Giffin D., to The Dow Chemical Co. 2,694,702, Cl. 260—93.5.
- Jones, Glenn M.: *See*—
 Klessig, Ernst F., and Jones. 2,676,466.
 Klessig, Ernst F., and Jones. 2,681,045.
- Jones, Gordon H.: *See*—
 Daugherty, Jesse, Ownley, and Jones. 2,696,763.
- Jones, Grover, Arkansas City, Ark. Automatic livestock sprayer. 2,665,665, Jan. 12.
- Jones, Harold T., Vallejo, Calif. Quick-release toggle wrench. 2,672,778, Mar. 23.
- Jones, Harriet V., assignee: *See*—
 Fusselman, James.
- Jones, Harrison W.: *See*—
 Lundgren, Harold P., Rose, and Jones.
- Jones, Herbert. 2,676,793, Cl. 266—34.
- Jones, Hilton W., to Westinghouse Electric Corp. 2,697,193, Cl. 318—226.
- Jones, Horry M. 2,697,430, Cl. 128—2.07.
- Jones, Ira M.: *See*—
 Bell, Edwin P. 2,683,887.
- Jones, Irvin L.: *See*—
 Jones, Jacob. 2,675,001, Cl. 128—283.
- Jones, James R., and E. R. Erb, Jr., to Paulsboro Mfg. Co. 2,683,094, Cl. 117—15.
- Jones, James R., W. E. Kidd, and F. H. Bloomstran, to Art Metal Construction Co. 2,695,113, Cl. 217—60.
- Jones, James S. and S. P. 2,693,812, Cl. 137—113.
- Cummings, James D., and Jones. 2,692,006.
- Jones, James T. E., assignor to Vickers-Armstrongs Limited. 2,674,874, Cl. 73—81.
- Jones, Jean E.: *See*—
 Carroll, Burt H., and Jones. 2,688,545.
- Jones, Jean E., and A. E. Ballard, assignors to Eastman Kodak Company. 2,678,883, Cl. 95—7.
- Jones, Jefferson L. 2,696,824, Cl. 134—131.
- Jones, John E.: *See*—
 Hill, Artie R., and Jones. 2,685,862.
- Jones, John L. 2,691,980, Cl. 128—261.
- Jones, John L. 2,691,981, Cl. 128—261.
- Jones, John L. 2,691,982, Cl. 128—261.
- Jones, John M., and P. C. Ashley, to B. H. Jones. 2,684,500, Cl. 17—2.
- Jones, John P., and H. F. Brogdon, assignors to Bendix Home Appliances Division—Avco Manufacturing Corporation, South Bend, Ind. Ironing machine transmission and control means therefor. 2,673,410, Mar. 30.
- Jones, John P., J. J. Haverstock, and D. H. Scott, assignors, by mesne assignments, to Avco Manufacturing Corporation. 2,680,366, Cl. 68—21.
- Jones, John R.: *See*—
 Weissberg, Jesse S., and Jones.
- Jones, Joseph H., Canton, assignor to Republic Steel Corporation, Cleveland, Ohio. Hot top for ingot molds. 2,668,336, Feb. 9.
- Jones, Joseph W., to Jones Motorola Corp. 2,688,857, Cl. 64—29.
- Jones, Kenneth H.: *See*—
 Baird, William, Jones, and Macarthur.
- Jones, Kermit W., to United Shoe Machinery Corp. 2,692,398, Cl. 12—55.
- Jones, King L. 2,678,740, Cl. 214—84.
- Jones, L. E.: *See*—
 Osman, Ralph T. 2,697,898.
- Jones & Lamson Machine Co.: *See*—
 Osgood, John H. 2,690,373.
 Thompson, Louis W. 2,698,413.
- Jones & Laughlin Steel Corp.: *See*—
 Finch, Harry J.
 Finch, Harry J. 2,674,760.
 Finch, Harry J. 2,691,906.
 Hazlett, Frank P. 2,691,054.
 Mertes, Edward J. 2,677,570.
 Wynn, George. 2,676,768.
- Jones, Lawrence R., Terre Haute, Ind., and P. C. Markunas, Winston-Salem, N. C. Stable anthrone. 2,668,797, Feb. 9.
- Jones, Lawrence T., to The Garlock Packing Co. 2,692,782, Cl. 285—90.
- Jones, Leland W. 2,687,176, Cl. 166—74.
- Jones, Leonard, to R. E. Warwick. 2,680,870, Cl. 15—128.
- Jones, Leonard, to R. E. Warwick. 2,685,702, Cl. 15—128.
- Jones, Leonard, to R. E. Warwick. 2,691,185, Cl. 15—227.
- Jones, Lerroy V., S. J. Willis, and M. M. Perry, to R. M. Hollingshead Corp. 2,685,565, Cl. 204—197.
- Jones, Leslie. 2,687,734, Cl. 130—6.
- Jones, Leslie D., and M. S. Allen, assignors of 25% to W. A. Riggs and D. L. Wilder. 2,678,374, Cl. 219—19.
- Jones, Mae, executrix: *See*—
 Jones, Earl E. 2,682,940.
- Jones, Marvin R., assignor to Oil Center Tool Company. 2,674,436, Cl. 251—267.
- Jones, Marvin R., and J. E. Eckel, to Petroleum Mechanical Development Corp. 2,689,139, Cl. 285—22.
- Jones, Maurice F.: *See*—
 Godsey, Frank W., Jr., and Jones.
- Jones, Maurice F., to The Babcock & Wilcox Co. 2,686,823, Cl. 13—9.
- Jones, Melvin P. 2,674,181, Cl. 100—12.
- Jones, Michael G., Fredericksburg, Va., assignor to American Viscose Corporation, Wilmington, Del. Web registering apparatus. 2,672,299, Mar. 16.
- Jones, Michael G., to American Viscose Corp. 2,688,111, Cl. 318—6.
- Jones, Michael G., and A. O. Russell, Fredericksburg, Va. Method and apparatus for treating sheet materials. 2,672,198, Mar. 16.
- Jones, Montgomery O., and R. S. Ruffin, to G. T. Smith, C. Wortham, Jr., and F. L. Williams, trustees. 2,684,717, Cl. 164—86.
- Jones Motorola Corp.: *See*—
 Jones, Joseph W. 2,688,857.
- Jones, Nelson A. 2,691,912, Cl. 81—121.
- Jones, Otha C., Campbell, Calif., assignor to Monsanto Chemical Company, St. Louis, Mo. Producing orthophosphoric acid. 2,670,274, Feb. 23.
- Jones, Paul L., Green Township, Summit County, Ohio. Mouthpiece for musical instruments. 2,667,803, Feb. 2.
- Jones, Paul L., Flat River, Mo. Pivoted speculum with fluid tube. 2,672,859, Mar. 23.
- Jones, Robert A.: *See*—
 Burdick, John N., and Jones. 2,690,062.
- Jones, Robert D.: *See*—
 Boynes, Thomas W. 2,690,928.
- Jones, Robert H.: *See*—
 Cyphers, Elmer B., and Jones. 2,687,984.
- Jones, Robert H., G. E. Lukes, and J. T. Bashour, to Stauffer Chemical Co. 2,690,988, Cl. 167—33.
- Jones, Roy W., to Automatic Electric Laboratories, Inc. 2,695,335, Cl. 179—18.
- Jones, Rufus V., Bartlesville, Okla., assignor to Phillips Petroleum Company. Drilling muds and using same. 2,670,329, Feb. 23.
- Jones, Rufus V., assignor to Phillips Petroleum Company. 2,678,947, Cl. 260—505.
- Jones, Rufus V., to Phillips Petroleum Co. 2,686,779, Cl. 260—215.
- Jones, Rufus V., to Phillips Petroleum Co. 2,688,611, Cl. 260—124.
- Jones, Rufus V., to Phillips Petroleum Co. 2,689,244, Cl. 260—211.
- Jones, Rufus V., to Phillips Petroleum Co. 2,693,461, Cl. 260—83.5.
- Jones, Rufus V., to Phillips Petroleum Co. 2,697,093, Cl. 260—215.
- Jones, Russell L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient mounting. 2,670,914, Mar. 2.
- Jones, S. T.: *See*—
 Manthey, Louis R. 2,686,964.
- Jones, Sam A., assignor to Pittsburgh Consolidation Coal Company, Pittsburgh, Pa. Transportation of solids through pipe lines. 2,672,371, Mar. 16.
- Jones, Sam A., and E. H. Reichl, assignors to Pittsburgh Consolidated Coal Company, Pittsburgh, Pa. Transportation of solids through pipe lines. 2,672,370, Mar. 16.
- Jones, Sam A., and E. H. Reichl, assignors to Pittsburgh Consolidated Coal Company, Pittsburgh, Pa. Transportation of solids. 2,672,372, Mar. 16.

- Jones, Sam P.: *See*—
 Jones, James S. and S. P. 2,693,812.
 Jones, Sam P. 2,677,937, Cl. 62—1.
 Jones, Sam P., to J & S Carburetor Co. 2,689,172, Cl. 48—180.
 Jones, Sam P. 2,693,820, Cl. 137—494.
 Jones, Samuel F.: *See*—
 Freel, William G., and Jones.
 Jones, Samuel P., Utica, and R. W. Richards, West Winfield N. Y., assignors to Utica Drop Forge & Tool Corporation. Concave grinder. 2,671,993, Mar. 16.
 Jones, Shannon, to General Electric Co. 2,686,157, Cl. 252—301.3.
 Jones, Shannon, to General Electric Co. 2,686,158, Cl. 252—301.3.
 Jones, Spencer: *See*—
 Timken, Richard F., and Jones. 2,683,278.
 Jones, T. V., Logansport, La. Tractor-mounted brush saw. 2,672,171, Mar. 16.
 Jones, Theodore A., Tenafly, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control of transmission in two-way telephotograph system. 2,673,891, Mar. 30.
 Jones, Thomas N., Jr., Richmond, Va. Eel holder. 2,671,979, Mar. 16.
 Jones, Tillman F., to The Coleman Co., Inc. 2,685,306, Cl. 138—74.
 Jones, Tom L., Columbus, Ohio, assignor to Arkell and Smiths. Valve bag. 2,668,003, Feb. 2.
 Jones, Troy L., Columbia, S. C. Composite brush. 2,671,918, Mar. 16.
 Jones, Vernon H. 2,691,502, Cl. 248—243.
 Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener assembly. 2,668,340, Feb. 9.
 Jones, Walter I., Somerville, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Key holder frame. 2,672,748, Mar. 23.
 Jones, Walter I., to United-Carr Fastener Corp. 2,690,604, Cl. 24—216.
 Jones, Walter I., to United-Carr Fastener Corp. 2,690,605, Cl. 24—216.
 Jones, Walter L., to McDonald Products Corp. 2,685,981, Cl. 220—24.
 Jones, Wilford D., and S. B. McFarlane, Summit, N. J., assignors to Celanese Corporation of America, New York, N. Y. Making polysulfonamides from bis-sulfonyl chloride and diamine salt in presence of water and water-immiscible solvent. 2,667,468, Jan. 26.
 Jones, Wilford D., and S. B. McFarlane, Summit, N. J., assignors to Celanese Corporation of America, New York, N. Y. Preparation of disulfonic acids. 2,667,507, Jan. 26.
 Jones, Willard C., assignor to Underwood Corporation. 2,675,115, Cl. 197—193.
 Jones, William A.: *See*—
 Stratford, Reginald K., Jones, and Stuart.
 Jones, William D., and R. Dickinson, to Schori Metallising Process Ltd. 2,684,874, Cl. 302—53.
 Jones, William O.: *See*—
 France, Harold, and Jones. 2,681,345.
 France, Harold, and Jones. 2,681,346.
 Jones, William P., Alamosa, Colo. Spring supported pedestal tractor seat. 2,672,915, Mar. 23.
 Jones, Willis O., Sr., Jeffersonstown, Ky. Student's table. 2,671,708, Mar. 9.
 Jonker, Gerard H., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric insulator. 2,668,118, Feb. 2.
 Jonker, Gerard H., and J. H. van Santen, assignors to Hartford National Bank and Trust Company as trustee. 2,677,663, Cl. 252—62.5.
 Jonsson, Einar J. 2,682,986, Cl. 226—88.1.
 Joos, Charles E., Wyncote, assignor to Cochrane Corporation, Philadelphia, Pa. Treatment of water for the removal of silica. 2,668,144, Feb. 2.
 Jordan, Albert B. 2,691,831, Cl. 35—35.
 Jordan, Andy I.: *See*—
 Jordan, Roy U. and A. I. 2,692,416.
 Jordan, Arthur H., to Minneapolis-Honeywell Regulator Co. 2,698,025, Cl. 137—413.
 Jordan, Carmine G.: *See*—
 Clark, John R., Coursen, and Jordan.
 Jordan, Charles A., to Buffalo Colorpress, Inc. 2,688,194, Cl. 33—184.5.
 Jordan, Curtis S.: *See*—
 Sneed, Robert C., and Jordan. 2,697,550.
 Jordan, Donald J., assignor to United Aircraft Corporation. 2,677,233, Cl. 60—35.6.
 Jordan, Donald J., to United Aircraft Corp. 2,686,631, Cl. 230—209.
 Jordan, Donald J., to United Aircraft Corp. 2,689,452, Cl. 60—35.6.
 Jordan, Hans, assignor, by mesne assignments, to Given Machinery Company, Los Angeles, Calif. Float controlled garbage disposer. 2,670,137, Feb. 23.
 Jordan, Hans, assignor to Given Machinery Company, Los Angeles, Calif. Garbage disposer with protective inlet. 2,670,143, Feb. 23.
 Jordan, James F.: *See*—
 Ogle, James C., and Jordan. 2,688,214.
 Jordan, James F., Huntington Park, Calif. Vapor-phase smelting process. 2,667,413, Jan. 26.
 Jordan, James F., Huntington Park, Calif. Production of pure dihalides. 2,670,270, Feb. 23.
 Jordan, Leo M., to The Studebaker Corp. 2,691,475, Cl. 226—20.6.
 Jordan Marsh Company, assignee: *See*—
 Dooley, Arthur F.
 Jordan, Merrill E., Walpole, assignor to G. L. Cabot, Inc., Boston, Mass. Production of carbon black from aerosols. 2,665,194, Jan. 5.
 Jordan, Merrill E., to Godfrey L. Cabot, Inc. 2,686,107, Cl. 23—209.1.
 Jordan, Orval H., to Cornell-Dubilier Electric Corp. 2,694,805, Cl. 340—379.
 Jordan, Richard H., to The Alliance Mfg. Co. 2,682,628, Cl. 318—31.
 Jordan, Richard H., and E. V. Schneider, to The Alliance Mfg. Co. 2,682,629, Cl. 318—31.
 Jordan, Roy U. and A. I. 2,692,416, Cl. 24—156.
 Jordan, William B.: *See*—
 Hobbs, George W., and Jordan. 2,692,727.
 Jorgensen, Anders O.: *See*—
 Wikström, Joel E., Lundkvist, and Jørgensen. 2,689,894.
 Jørgensen, Anders O.: *See*—
 Ellertsen, Aage, Ingre, Jørgensen, and Wikström. 2,692,304.
 Ericsson, Eric A., Jørgensen, and Overby.
 Jørgensen, Asger L., Copenhagen, Denmark. Automatic fire alarm system. 2,667,630, Jan. 26.
 Jørgensen, Bernhard, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,665,436, Jan. 12.
 Jørgensen, Clarence H., assignor to General Motors Corporation. 2,680,262, Cl. 15—253.
 Jørgensen, Clarence H., Rochester, N. Y., and W. H. Taylor, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Pressure regulator. 2,672,851, Mar. 23.
 Jørgensen, Clarence H., and F. E. Aseltine, to General Motors Corp. 2,694,558, Cl. 261—39.
 Jørgensen, David F., Altadena, Calif. Lifting device. 2,667,330, Jan. 26.
 Jørgensen, Grover W. 2,682,112, Cl. 33—174.
 Jørgensen, Jacob C., to United Shoe Machinery Corp. 2,688,146, Cl. 12—10.4.
 Jørgensen, Julius, to Brandt Automatic Cashier Co. 2,693,956, Cl. 271—2.6.
 Jørgensen, Niels B., Los Angeles, Calif. Hypodermic syringe. 2,668,535, Feb. 9.
 Jørgensen, Svend M., to Foster Wheeler Corp. 2,690,332, Cl. 261—114.
 Jorgenson, Gerald A., York, Pa., assignor to Read Standard Corporation, New York, N. Y. Dough panner. 2,673,672, Mar. 30.
 Jorgenson, John P.: *See*—
 Kling, Olaf E., and Jorgenson.
 Joris, George G., to Allied Chemical & Dye Corp. 2,681,936, Cl. 260—610.
 Joris, George G., to the United States of America as represented by the United States Atomic Energy Commission. 2,690,382, Cl. 23—210.
 Jorner, John F. 2,697,639, Cl. 301—9.
 Jorolemon, Earl W., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Warm air furnace and radiator construction. 2,672,858, Mar. 23.
 Jose, Robert S., assignor to Radio Corporation of America. 2,679,029, Cl. 332—64.
 Joseph, Louis. 2,691,520, Cl. 267—54.
 Joseph, Michael, West Roxbury, Mass. Sewing machine thread control. 2,664,840, Jan. 5.
 Joseph, Robert T., and P. J. Cole, to Allied Chemical & Dye Corp. 2,697,117, Cl. 260—505.
 Joseph, William: *See*—
 Robbins, Frank, and Joseph. 2,694,462.
 Robbins, Frank, and Joseph. 2,694,463.
 Josephson, Vernal: *See*—
 Johnson, Harold L., and Josephson.
 Joslyn Mfg. & Supply Co., assignee: *See*—
 Yonkers, Edward H., and Huber.
 Joss, Robert A.: *See*—
 Holmstrom, Henry W., Isaacson, and Joss. 2,682,236.
 Jouban, Albert M. 2,677,838, Cl. 15—120.
 Jouk, Leon, to C. N. Breyner. 2,696,417, Cl. 312—223.
 Jourgensen, John L. 2,678,022, Cl. 118—76.
 Journal Box Servicing Corp.: *See*—
 Schaefer, Louis J. 2,697,256.
 Journal Co., The: *See*—
 Eberle, Julian J. 2,684,626.
 McMullen, Joseph E. 2,691,344.
 Journey, Clarence E. 2,693,302, Cl. 223—72.
 Jovanovich, Dragoljub K., Redondo Beach, assignor to McCulloch Motors Corporation, Los Angeles, Calif. Means for connecting rotor blades to rotor bodies. 2,672,941, Mar. 23.
 Jovanovich, Dragoljub K., to McCulloch Motors Corp. 2,696,271, Cl. 170—160.55.
 Jovanovitch, Predrag, Maracay, Venezuela. Writing device. 2,668,516, Feb. 9.
 Jovishoff, Hans, and B. W. Karp, New York, N. Y. Feeding device for ink fountains. 2,666,386, Jan. 19.

- Joy, Joseph F., assignor to Joy Manufacturing Company, Pittsburgh, Pa. Pulsator operated percussive device. 2,669,840, Feb. 23.
- Joy, Joseph F., assignor to Joy Manufacturing Company, Pittsburgh, Pa. Chain type mine conveyer. 2,672,971, Mar. 23.
- Joy, Joseph F., assignor to Joy Manufacturing Company. 2,676,005, Cl. 262—33.
- Joy, Joseph F., to Joy Mfg. Co. 2,684,235, Cl. 262—9.
- Joy, Joseph F., to Joy Mfg. Co. 2,688,818, Cl. 45—131.
- Joy, Joseph F., to Joy Mfg. Co. 2,688,907, Cl. 97—36.
- Joy, Joseph F., to Joy Mfg. Co. 2,696,906, Cl. 198—220.
- Joy, Joseph F., to Joy Mfg. Co. 2,697,911, Cl. 60—52.
- Joy, Joseph F., to Joy Mfg. Co. 2,697,914, Cl. 61—45.
- Joy, Kenneth E. 2,682,439, Cl. 312—31.1.
- Joy, Laura M., assignee: *See*—
- Joy, Raymond L.
- Joy Mfg. Co.: *See*—
- Adams, Thomas O., Jr.
- Ault, James R., and Jenkins. 2,698,128.
- Baechli, George. 2,698,077.
- Baldwin, Clyde P. 2,688,706.
- Baldwin, Clyde P. 2,689,719.
- Ball, Charles F. 2,693,268.
- Ball, Charles F. 2,696,288.
- Barrett, Arthur L. 2,685,221.
- Barrett, Arthur L. 2,696,376.
- Barrett, Arthur L., and Beenev.
- Bebinger, Charles N.
- Bebinger, Charles N. 2,677,476.
- Calder, Alexander W. 2,693,950.
- Collins, Samuel C.
- Collins, Samuel C. 2,685,174.
- Collins, Samuel C. 2,685,182.
- Collins, Samuel C. 2,685,183.
- Collins, Samuel C. 2,698,211.
- Collins, Samuel C., Paget, and Tyree.
- Curtis, John C.
- Curtis, John C. 2,674,441.
- Curtis, John C. 2,689,109.
- Curtis, John C., and Rice.
- Dudley, Victor I. 2,698,104.
- Engel, Flesco B. 2,676,717.
- Fischer, Hans F.
- Fish, Walter D. 2,693,733.
- Goede, Charles F.
- Green, Willard E. 2,696,414.
- Haegle, Otto P. 2,675,847.
- Hair, Richard T.
- Joy, Joseph F.
- Joy, Joseph F. 2,676,005.
- Joy, Joseph F. 2,684,235.
- Joy, Joseph F. 2,688,818.
- Joy, Joseph F. 2,688,907.
- Joy, Joseph F. 2,696,906.
- Joy, Joseph F. 2,697,911.
- Joy, Joseph F. 2,697,914.
- Lehner, Ray A. 2,698,030.
- McElhattan, Kenton E. 2,691,513.
- Merck, John.
- Osgood, Charles F. 2,675,997.
- Osgood, Charles F. 2,678,204.
- Ostrak, Joseph. 2,690,546.
- Paget, Win W. 2,678,028.
- Paget, Win W. 2,685,179.
- Paget, Win W. 2,694,519.
- Paget, Win W. 2,695,132.
- Russell, John D. 2,674,365.
- Simmons, Leon E. 2,687,288.
- Simmons, Leon E. 2,693,951.
- Simmons, Leon E. 2,697,950.
- Simpson, James H. 2,688,736.
- Troller, Theodor H., and Jenkins. 2,698,129.
- Wearly, William L. 2,698,079.
- Wiebe, Donald.
- Joy, Raymond D. 2,692,060, Cl. 214—5.5.
- Joy, Raymond L., Prosser, Wash., assignor, by decree of distribution, to L. M. Joy. Seed distributor. 2,668,638, Feb. 9.
- Joy, Richard J., Montebello, Quebec, Canada. Indexing table. 2,669,362, Feb. 16.
- Joyau, Guy. 2,690,530, Cl. 318—24.
- Joyce, Asa W.: *See*—
- Hardy, William B., and Joyce.
- Munro, Wendell P., Hardy, and Joyce. 2,691,019.
- Scalera, Mario, and Joyce.
- Joyce, Asa W., to American Cyanamid Co. 2,694,709, Cl. 260—249.
- Joyce, Asa W., and W. P. Munro, to American Cyanamid Co. 2,691,018, Cl. 260—248.
- Joyce-Cridland Co., The: *See*—
- Hott Ion V. K., and Berk. 2,690,235.
- Hott Ion V. K., and Haddix. 2,681,077.
- Joyce, Glover C., Worcester, assignor to Whitin Machine Works, Whitinsville, Mass. Bobbin winding machine. 2,670,147, Feb. 23.
- Joyce, Glover C., Worcester, assignor to Whitin Machine Works, Whitinsville, Mass. Quick-traverse mechanism for winding machines. 2,670,148, Feb. 23.
- Joyce, Glover C., Worcester, assignor to Whitin Machine Works, Whitinsville, Mass. Short-traverse mechanism for bobbin winding machines. 2,673,691, Mar. 30.
- Joyce, Robert M.: *See*—
- Marvel, Carl S., and Joyce. 2,677,673.
- Jubell, Jesse J. 2,676,225, Cl. 200—153.
- Jubilee Mfg. Co.: *See*—
- Nielsen, Peter. 2,688,129.
- Juda, Walter, to Ionics, Inc. 2,692,855, Cl. 210—24.
- Judd, Charles H.: *See*—
- Chalfont, Guy F., Judd, and Tinnerman. 2,687,666.
- Judd, John S., assignor to Lyon, Incorporated. 2,680,695, Cl. 117—35.
- Judd, John S., to Lyon, Inc. 2,689,198, Cl. 134—30.
- Judd, Phil. 2,696,059, Cl. 42—85.
- Judge, Robert R., assignee: *See*—
- Bocchino, Anthony, and Retta. 2,679,256.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,668,231, Feb. 2.
- Judge, Thomas J., Madrid, Spain, assignor to General Railway Signal Company, Rochester, N. Y. Switch and signal control system for railroads. 2,671,164, Mar. 2.
- Judson, Albert B.: *See*—
- Hirsch, Harry G., and Judson. 2,687,797.
- Juel, Leslie H., to Great Lakes Carbon Corp. 2,683,107, Cl. 196—14.1.
- Juhnke, Roy E., and G. Castera, assignors to Bardco Manufacturing & Sales Company. 2,677,876, Cl. 29—157.1.
- Juhola, Carl, Manchester, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for attaching soles to shoes. 2,669,735, Feb. 23.
- Juilfs, Albert G., Newtown, assignor to Senco Products, Inc., Cincinnati, Ohio. Staple drive mechanism for portable pneumatic staplers. 2,671,214, Mar. 9.
- Juilfs, Albert G. 2,682,052, Cl. 1—44.4.
- Juilfs, Albert G., to Senco Products, Inc. 2,687,522, Cl. 1—44.4.
- Jukich, Michael: *See*—
- Goulding, Albert, Jr., and Jukich. 2,690,590.
- Jules, Leonard H.: *See*—
- Sahyun, Melville, Faust, and Jules. 2,694,088.
- Juley, Joseph P., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching control system. 2,666,578, Jan. 19.
- Julian, George W., and D. M. Snider, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Retainer spring. 2,673,334, Mar. 23.
- Julian, Percy L.: *See*—
- Iveson, Herbert T., Radlove, and Julian. 2,690,971.
- Julian, Percy L., Maywood, and W. J. Karpel, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Selective dehalogenation of certain halogenated ketones. 2,667,498, Jan. 26.
- Julian, Percy L., Maywood, and E. W. Meyer, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Treatment of steroid quaternary ammonium salts. 2,670,359, Feb. 23.
- Julian, Percy L., Maywood, and W. J. Karpel, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Procedure for the preparation of Δ^4 -20-keto-pregnenes. 2,671,794, Mar. 9.
- Julian, Percy L., E. W. Meyer, and I. Ryden, to The Glidden Co. 2,686,181, Cl. 260—239.55.
- Julian, Percy L., and W. J. Karpel, to The Glidden Co. 2,696,490, Cl. 260—397.5.
- Juliano, Benjamin R.: *See*—
- Surmatis, Joseph D., and Juliano. 2,677,701.
- Jüllig, Werner M. J., assignor of $\frac{1}{2}$ to R. Vogelgesang. 2,674,949, Cl. 103—38.
- Jumer, John F., Chicago, Ill. Apparatus for electropolishing metals. 2,665,247, Jan. 5.
- Junco, Louis, to Universal Corrugated Box Machinery Corp. 2,693,885, Cl. 214—6.
- Jung, Albert H., assignor to United American Metals Corporation. 2,677,161, Cl. 22—79.
- Junge, Albert E., to Pittsburgh Plate Glass Co. 2,695,247, Cl. 117—54.
- Junge, Clarence W., and C. A. Bierlein, to General Motors Corp. 2,696,807, Cl. 123—27.
- Jungersen, Thøger G.: *See*—
- Tobert, Sven E. 2,686,439.
- Junghans, Gebruder, A. G.: *See*—
- Junghans, Helmut, and Hartner. 2,687,003.
- Junghans, Helmut, and L. Hartner, to Gebruder Junghans A. G. 2,687,003, Cl. 58—125.
- Junghans, Helmut, H. Schlenker and K. Bäuerle, to Gebruder Junghans A. G. 2,695,342, Cl. 200—38.
- Junghans, Siegfried, assignee: *See*—
- Schaaber, Otto.
- Jungjohann, Vernon H.: *See*—
- Wittel, Otto, and Jungjohann. 2,685,415.
- Jungjohann, Vernon H., assignor to Eastman Kodak Company, Rochester, N. Y. Reel driving mechanism for motion-picture projectors. 2,666,594, Jan. 19.
- Jungmayr, Theodor, Stuttgart, Germany. Manufacturing boxes. 2,665,616, Jan. 12.
- Jungmayr, Theodor, Stuttgart, assignor to Firma Fr. Hesser, Maschinenfabrik-Aktiengesellschaft, Stuttgart-Bad Cannstatt, Germany. Folding mandrel for making bags. 2,671,383, Mar. 9.
- Junkmann, Karl, Berlin, and H. Röhrig, Berlin-Kopenick, assignors to Schering A. G., Berlin, Germany. Surgical injection device. 2,666,435, Jan. 19.
- Junod, Samuel, Geneva, Switzerland. Toy vehicle. 2,665,522, Jan. 12.

- Jupp, Robert A. : *See*—
McManus, Patrick J., and Jupp. 2,693,874.
- Juran, Mary P., Youngstown, Ohio. Magnetic game board with magnetized spherical game pieces. 2,665,912, Jan. 12.
- Jurasevich, Elsie M., assignee : *See*—
Jurasevich, Mitchell L.
- Jurasevich, Mitchell L., assignor to E. M. Jurasevich, Alturas, Calif. Shock absorber. 2,671,536, Mar. 9.
- Jürgens, Heinz : *See*—
Rudolph, Hans, Jürgens, and Reger. 2,674,653.
- Jurgens, Henry A. : *See*—
Johnson, Reynold B., Jurgens, and Moneagle. 2,684,719.
- Jurgensen, August P. : *See*—
Burr, Nelson O., and Jurgensen. 2,682,587.
- Jurgensen, Delbert F., Jr., and D. B. Crawford, to E. T. Oakes Corp. 2,695,246, Cl. 117—46.
- Jurich, Murriel V., Alhambra, Calif. Detachable shoulder pad. 2,665,429, Jan. 12.
- Just, Alex. 2,674,724, Cl. 339—193.
- Just, George A., Scarsdale, N. Y., assignor to The Grand Union Company, East Paterson, N. J. Display and delivery stand. 2,669,361, Feb. 16.
- Justi, Eduard, to Siemens-Schuckertwerke Aktiengesellschaft. 2,685,608, Cl. 136—4.
- Justi, H. D. & Son, Inc., assignee : *See*—
Slack, Fred A., Jr. 2,678,470.
- Justice, John L., Chester, Pa., assignor, by mesne assignments, to The Chemstrand Corporation, Decatur, Ala. Solutions of acrylonitrile polymers containing an inorganic acid salt of an organic amine. 2,671,066, Mar. 2.
- Justice, John L., to The Chemstrand Corp. 2,695,278, Cl. 260—30.2.
- Justice, Raymond W. 2,696,730, Cl. 73—9.
- Justin, Frank H. : *See*—
Sarge, Theodore W., and Justin. 2,695,427.
- Justiz, Eudaldo M. 2,678,377, Cl. 219—40.
- Juy, Lucien C. H. 2,677,984, Cl. 85—32.
- Juy, Lucien C. H. 2,693,116, Cl. 74—217.
- Juzwiak, Edmond A., and F. S. Ajero, assignors, by mesne assignments, to Ayco Manufacturing Corporation. 2,678,145, Cl. 222—177.
- K. A. C. Ltd. : *See*—
Love, John. 2,692,029.
- K. L. G. Sparking Plugs Limited, assignee : *See*—
Shoobert, George W.
- Kabele, Walter A. : *See*—
MacNeille, Martin B., and Kabele. 2,677,327.
- Kablotsky, Abraham. 2,693,847, Cl. 155—179.
- Kachergis, Henry J. : *See*—
Spender, Donald L., and Kachergis. 2,679,409.
- Kachkaroff, Pierre, deceased, by G. Busseti (née Maragliano) and L. Pettenati, heirs, and P. Guareschi. 2,678,872, Cl. 23—168.
- Kachuck, Mike. 2,679,152, Cl. 68—140.
- Kachuck, Mike. 2,689,413, Cl. 34—77.
- Kacmar, John, Gary, Ind. Electrical cable connector 2,673,971, Mar. 30.
- Kacprzicki, Stanley J. 2,693,334, Cl. 248—106.
- Kaczor, Edward J., and C. F. Schwan, to The Ohio Crankshaft Co. 2,692,956, Cl. 310—57.
- Kadell, Alfred E., Steubenville, Ohio, assignor to National Steel Corporation, Applying a liquid film to strip-like material. 2,666,716, Jan. 19.
- Kaden, Oskar F., Hamburg-Gross Flottbeck, Germany. Refining raw cocoa and raw masses made therefrom. 2,665,210, Jan. 5.
- Kaden, Willy : *See*—
Deeg, Karl, and Kaden. 2,693,743.
- Kaduk, Edward E., Mayfield Heights, Ohio, assignor to General Electric Company. Treating electric inlead conductors. 2,673,945, Mar. 30.
- Kadushin, David T., and H. Kaplan, to The Sperry Corp. 2,688,723, Cl. 323—89.
- Kaegebein, Carl F. 2,694,381, Cl. 119—48.
- Kaehler, Robert J. : *See*—
Good, Alonzo C., Kaehler, and Doughman. 2,692,660.
- Kaemmerling, Gustav H., assignor to Lord Manufacturing Company. 2,675,202, Cl. 248—358.
- Kaeser, Arthur L., to Weber Engineered Products, Inc. 2,688,834, Cl. 56—25.4.
- Kaestner, Thankmar W., to Industrial Wire Cloth Products Corp. 2,686,489, Cl. 113—52.
- Kafka, Mike P., assignor of thirty-three and one-third per cent to M. A. Benda, Pierce, and thirty-three and one-third per cent to G. A. May, Headquarters, Idaho. Portable log peeler. 2,672,899, Mar. 23.
- Kaftol, Philip : *See*—
Maul, John A., and Kaftol. 2,694,564.
- Kagan, Al. 2,690,180, Cl. 119—72.5.
- Kagan, Samuel N. 2,694,823, Cl. 15—105.
- Kahl, Carl H. W., Phoenix, Ariz. Grass shears with push rod rollers. 2,669,830, Feb. 23.
- Kahle, Heinrich, assignor to Gesellschaft fuer Linde's Eismaschinen A.-G. Hoellriegelskreuth. 2,675,089, Cl. 183—47.
- Kable, Walter R., and E. R. Johnson, to The Morris Machine Tool Co. 2,694,960, Cl. 90—11.
- Kahlerth, Charles W., East Orange, N. J. Hoisting apparatus. 2,669,363, Feb. 16.
- Kahn, David, and K. Weisser, to David Kahn, Inc. 2,692,580, Cl. 120—42.03.
- Kahn, David, Inc. : *See*—
Fahringer, Harry J. 2,676,570.
- Kahn, David, and Weisser. 2,692,580.
- Kahn, Frank : *See*—
Havelin, Jules E., and Kahn. 2,698,252.
- Kahn, Frank F., now by change of name F. K. Forest assignor to S. N. Goldman. 2,689,132, Cl. 280—33.99.
- Kahn, Julio, M. Pier, and E. N. MacKinney. 2,690,069, Cl. 69—21.
- Kahn, Leonard R., New York, N. Y., assignor to Radio Corporation of America. Single sideband transmitter. 2,666,133, Jan. 12.
- Kahn, Leonard R., to Radio Corp. of America. 2,692,330, Cl. 250—6.
- Kahn, Mack. 2,688,748, Cl. 2—42.
- Kahn, Samuel, and W. B. Pings, to Godfrey L. Cabot, Inc. 2,695,279, Cl. 260—31.6.
- Kahn, Stephen B., assignee : *See*—
Shurtliff, Norval E.
- Kahn's, E., Sons Co. : *See*—
Anderson, Edward G., and Toennies. 2,694,217.
- Noble, Herschel H. 2,681,270.
- Kahr, Kurt, to Inventa A. G. fur Forschung und Patentverwertung. 2,692,878, Cl. 260—239.3.
- Kain, Clifford H. : *See*—
Elliott, Howard A., Kain, Materka, and Taormina. 2,697,820.
- Kairis, Peter J., Minocqua, Wis. Self-cleaning rake. 2,669,086, Feb. 16.
- Kaiser Aluminum & Chemical Corp. : *See*—
Buhler, James D., Folkrod, and Gunderson. 2,678,205.
- Carpenter, Floyd R. 2,697,769.
- Gardner, Owen M., and Stone. 2,680,142.
- Graybeal, John O. 2,680,142.
- Henderson, Edgar F.
- Hesch, Frederick H. 2,682,502—2,682,503.
- Kinghorn, Charles M. 2,697,772.
- Porter, John L.
- Smith, Arthur D. 2,679,325.
- Vettel, Arthur W., and Israel. 2,692,816.
- Woodward, Teynham. 2,695,242.
- Kaiser, Donald W. : *See*—
Roemer, John J., and Kaiser. 2,688,016.
- Kaiser, Donald W., to American Cyanamid Co. 2,682,541, Cl. 260—248.
- Kaiser, Donald W., to American Cyanamid Co. 2,697,720, Cl. 260—482.
- Kaiser, Donald W., and J. J. Roemer, to American Cyanamid Co. 2,688,017, Cl. 260—249.8.
- Kaiser, Donald W., and D. Holm-Hansen, to American Cyanamid Co. 2,690,455, Cl. 260—565.
- Kaiser, Donald W., and I. Hechenbleikner, to American Cyanamid Co. 2,691,021, Cl. 260—249.6.
- Kaiser, Donald W., and D. H. Church, to American Cyanamid Co. 2,697,727, Cl. 260—551.
- Kaiser, Edward W. 2,674,947, Cl. 103—1.
- Kaiser, Edward W. 2,680,901, Cl. 29—148.2.
- Kaiser, Edward W. 2,696,835, Cl. 138—87.
- Kaiser, Edward W., and J. D. Czarnecki, to American Can Co. 2,690,255, Cl. 206—84.
- Kaiser, Frank F., to John Waldron Corp. 2,688,919, Cl. 101—157.
- Kaiser-Frazer Corporation, assignee : *See*—
Ernest, Robert P.
- Kaiser, Fred. 2,677,568, Cl. 292—347.
- Kaiser, Fritz : *See*—
Rumpf, Hans, and Kaiser. 2,694,492.
- Kaiser, Karl B., assignor to The Ingersoll Milling Machine Company. 2,680,391, Cl. 80—14.
- Kaiser, Karl B., to The Ingersoll Milling Machine Co. 2,685,823, Cl. 90—11.
- Kaiser Metal Products, Inc. : *See*—
Davis, Loren R., and McCarran. 2,686,699.
- Hackley, Sherlock D. 2,676,899.
- McCarran, Thomas A. 2,686,700.
- Kaiser Motors Corp. : *See*—
Anschuetz, Harvey J. 2,694,591.
- Boghossian, Victor. 2,681,054.
- Kaiser, Robert W. 2,677,752, Cl. 240—7.1.
- Kaiser, Rudolf, to Neue Argus Gesellschaft m. b. H. 2,685,987, Cl. 222—340.
- Kaiser, Rudolf, to Aeroquip Corp. 2,687,314, Cl. 284—11.
- Kaiser, Rudolf, to Aeroquip Corp. 2,696,394, Cl. 285—86.
- Kaiser Steel Corp. : *See*—
Henrikson, Karl I. 2,681,158.
- Kakuk, Joseph S. and S. J. 2,680,457, Cl. 143—85.
- Kakuk, Stephen J. : *See*—
Kakuk, Joseph S. and S. J. 2,680,457.
- Kalamazoo Vegetable Parchment Co. : *See*—
Elsman, James L. 2,692,723.
- Kalanick, John J., and M. J. Morrill : said Morrill assignor to said Kalanick. 2,679,217, Cl. 112—66.
- Kalart Company Inc., The, assignee : *See*—
Schwartz, Morris, and Castedello.
- Schwartz, Morris, and Castedello. 2,677,998.
- Kalaus, John : *See*—
Kalaus, John C. and J. 2,686,394.
- Kalaus, John C. and J., $\frac{1}{2}$ to M. C. Kalaus. 2,686,394, Cl. 55—17.
- Kalaus, Mary C. : *See*—
Kalaus, John C. and J. 2,686,394.
- Kalb, George H. : *See*—
Burrows, Lawton A., and Kalb. 2,677,688.

- Kalbac, Rudolph. 2,693,964, Cl. 275—8.
 Kalbach, John C., to Hydrocarbon Research, Inc. 2,687,950, Cl. 48—197.
 Kalbach, John F., and C. W. Johnstone, to the United States of America as represented by the United States Atomic Energy Commission. 2,689,949, Cl. 340—183.
 Kalberkamp, Herman J., Whitehall, assignor to Mesta Machine Company, Pittsburgh, Pa. Means for controlling the coating rollers and for replenishing the coating bath for strip galvanizing machines. 2,670,708, Mar. 2.
 Kalfaian, Meguer: *See—*
 McCoy Robert E., and Kalfaian. 2,677,723.
 Kalfaian, Meguer V., Los Angeles, Calif. Color television. 2,666,806, Jan. 19.
 Kalfaian, Meguer V., Los Angeles, Calif. Phonetic printer of spoken words. 2,673,893, Mar. 30.
 Kalfaian, Meguer V. 2,683,770, Cl. 178—5.2.
 Kalfaian, Meguer V. 2,694,114, Cl. 179—171.
 Kalfen, Zoltan. 2,681,164, Cl. 220—18.
 Kalinowski, Joseph. 2,694,824, Cl. 15—116.
 Kalinowski, Mathew L., Chicago, Ill., and F. H. MacLaren, Munster, Ind., assignors to Standard Oil Company, Chicago, Ill. Purification of phthalic anhydride. 2,671,090, Mar. 2.
 Kalinowski, Mathew L., and M. Feller, assignors to Standard Oil Company, Chicago, Ill. Flushing oil. 2,671,761, Mar. 9.
 Kalinske, Anton A., assignor to Inflico Incorporated. 2,678,913, Cl. 210—7.
 Kalinske, Anton A., assignor to Inflico Incorporated. 2,678,914, Cl. 210—8.
 Kalinske, Anton A., assignor to Inflico Incorporated. 2,678,915, Cl. 210—8.
 Kalinske, Anton A., assignor to Inflico Incorporated. 2,678,916, Cl. 210—16.
 Kalinske, Anton A., and H. W. Gillard, assignors to Inflico Incorporated. 2,678,912, Cl. 210—3.
 Kalischer, Philip R., to Westinghouse Electric Corp. 2,696,661, Cl. 29—182.5.
 Kalish, David, assignor to The Lewis Engineering and Manufacturing Company, Alliance, Ohio. Gardening shears. 2,672,684, Mar. 23.
 Kalish, David, to The Lewis Engineering and Mfg. Co. 2,689,401, Cl. 30—248.
 Kalitinsky, Andrew, to United Aircraft Corp. 2,686,657, Cl. 253—78.
 Kalkman, Eugene C.: *See—*
 Ruben, Harry, and Kalkman. 2,686,304.
 Kallenbach, Rudolf: *See—*
 Overath, Wilhelm A., Kallenbach, and Fleischbauer.
 Kallenborn, John, M. J. Shoemaker, and H. E. Johnson, to Pittsburgh Corning Corp. 2,697,312, Cl. 51—86.
 Kallmann, Hartmut, New York, N. Y., assignor to the United States of America represented by the Secretary of the Army. Energy proportional counting of exterior radiation. 2,667,586, Jan. 26.
 Kallischnigg, Rolf, to Knoll A. G. 2,683,714, Cl. 260—293.
 Kallischnigg, Rolf, to Knoll A. G. 2,683,715, Cl. 260—293.
 Kalmeijer, Arnoldus C. J., to N. V. Haagsche Bakkerij-machinefabriek Arnold Kalmeijer. 2,695,571, Cl. 107—8.
 Kalousek, George L., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Hydrous calcium silicates and preparation. 2,665,996, Jan. 12.
 Kals, Walter, assignor to Niagara Blower Company, New York, N. Y. Vacuum concentrator. 2,665,750, Jan. 12.
 Kalstrom, Arthur J. 2,674,944, Cl. 101—331.
 Kaltenbach, Kurt. 2,690,012, Cl. 32—27.
 Kalvig, Lewis J., Hackensack, Minn. Toy log cabin. 2,669,060, Feb. 16.
 Kalwaites, Frank, to Whitin Machine Works. 2,688,778, Cl. 19—140.
 Kaman Aircraft Corp., The: *See—*
 Kaman, Charles H.
 Kaman, Charles H., and Stevens. 2,695,674.
 Kaman, Charles H., West Hartford, assignor to The Kaman Aircraft Corporation, Windsor Locks, Conn. Rotor control mechanism for aircraft of rotary wing type. 2,668,595, Feb. 9.
 Kaman, Charles H., and M. L. Stevens, to The Kaman Aircraft Corp. 2,695,674, Cl. 170—135.24.
 Kamborian, Jacob S., West Newton, Mass. Upholstering machine. 2,667,908, Feb. 2.
 Kamborian, Jacob S. 2,676,345, Cl. 12—8.3.
 Kamborian, Jacob S. 2,677,835, Cl. 12—17.
 Kamborian, Jacob S., West Newton, and F. Kaszynski, Wilmington, Mass., said Kaszynski assignor to said Kamborian. Toe laster. 2,668,967, Feb. 16.
 Kambourakis, Nicholas M., New York, N. Y. Sun bathing apparatus. 2,667,169, Jan. 26.
 Kameny, Emil: *See—*
 Adler, Fred, Ehlin, and Kameny. 2,697,774.
 Kamimori, Shitetsu, ½ to W. Y. Mibata. 2,692,913, Cl. 179—1.
 Kamin, George W.: *See—*
 Nelson, James A., Kamin, and Wolske. 2,676,582.
 Kaminky, Herbert E., assignor to The Superior Tea and Coffee Company, Chicago, Ill. Automatic coffee urn and control therefor. 2,666,379, Jan. 19.
 Kaminski, George W., Gary, Ind. Device for positioning workpieces for drilling. 2,670,545, Mar. 2.
 Kamkap, Inc.: *See—*
 Terry, George C. 2,686,094.
 Kamlet, Jonas, Stratford, Conn., assignor to The B. F. Goodrich Company, New York, N. Y. Stabilized ice-cream compositions. 2,665,216, Jan. 5.
 Kamlet, Jonas, to Mathieson Chemical Corp. 2,689,174, Cl. 71—2.7.
 Kamlet, Jonas. 2,692,186, Cl. 23—88.
 Kamm, Wunibald I. E., assignor to Automotive Design Company, Dayton, Ohio. Stabilizing vehicles. 2,665,137, Jan. 5.
 Kamm, Wunibald I. E., W. F. Krautter, and K. Staiger; said Kamm and said Krautter to the United States of America as represented by the Secretary of the Air Force. 2,684,712, Cl. 158—28.
 Kammann, Morris H., Mound, Minn. Flexible handle paintbrush. 2,664,582, Jan. 5.
 Kammer, Arthur B. 2,692,070, Cl. 224—4.
 Kammer, Karl. 2,695,408, Cl. 1—3.
 Kammerer, Ernst, to Klangfilm Gesellschaft mit beschränkter Haftung. 2,697,812, Cl. 323—66.
 Kammueler, William O., and O. A. Haueser, Fountain City, Wis. Endgate for vehicles. 2,669,368, Feb. 16.
 Kamp, John F., assignor to Avco Manufacturing Corporation. 2,679,850, Cl. 134—93.
 Kamper, Andrew M.: *See—*
 Limon, Walter, Kamper, and Berry.
 Kamprath, Conrad. 2,691,225, Cl. 34—156.
 Kamrath, Herbert G., assignor to Fram Corporation. 2,680,521, Cl. 210—183.
 Kanady, William E., to Standard Oil Development Co. 2,690,123, Cl. 102—20.8.
 Kandiah, Kathirkamathamby, assignor, by mesne assignments, to National Research Development Corporation. 2,679,978, Cl. 235—92.
 Kandra, Lawson L., and J. R. Pope. 2,680,509, Cl. 198—30.
 Kane, David. 2,681,623, Cl. 103—206.
 Kane, David. 2,683,424, Cl. 103—206.
 Kane, Ernest M., Oxnard, Calif. Shock indicating device. 2,666,409, Jan. 19.
 Kane, Ernest M., Oxnard, Calif. Shock indicating device. 2,667,142, Jan. 26.
 Kane, Garold A., assignor to General Electric Company. 2,679,138, Cl. 60—53.
 Kane, James A., Yonkers, N. Y. Handle for pushing tricycles. 2,672,351, Mar. 16.
 Kane, James L., to B. Nathan, d. b. a. Acme Industries. 2,696,226, Cl. 140—88.
 Kane, Jasper H.: *See—*
 Tanner, Fred W., Jr., Davisson, Finlay, and Kane. 2,689,854.
 Kane, John P. 2,691,165, Cl. 2—13.
 Kane, Robert S., and J. L. Dickson. 2,688,134, Cl. 1—200.
 Kane, Vernon H., and G. R. Bellville, Jr., assignors to The Texas Company. 2,676,141, Cl. 196—17.
 Kanell, Theodore, West Haven, Conn., assignor, by mesne assignments, to A. Kompaniez, Los Angeles, Calif. Door lock. 2,669,474, Feb. 16.
 Kanitz, Georges. 2,676,537, Cl. 101—153.
 Kanium Corporation, assignee: *See—*
 McLaughlin, Jerome D. 2,676,892.
 Kaniut, Paul J., and J. E. Witzky. 2,692,586, Cl. 123—32.
 Kann, Emil A., to The Englander Co., Inc. 2,691,179, Cl. 5—348.
 Kannenberg, Walter F.: *See—*
 Augustadt, Herbert W., and Kannenberg.
 Kanocz, Mike G. 2,683,889, Cl. 16—1.
 Kansas City Testing Laboratory: *See—*
 Cross, Roy.
 Cross, Walter M., Jr.
 Cross, Walter M., Jr. 2,685,438.
 Cross, Walter M., Jr., and Hawthorne. 2,685,623.
 Kantack, Edmon J. 2,684,555, Cl. 47—1.
 Kanter, Jack C., Norfolk, Va. Water shield. 2,668,081, Feb. 2.
 Kantor, Albert P.: *See—*
 Burg, Konrad. 2,695,776.
 Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Apparatus for crowning containers under vacuum. 2,670,117, Feb. 23.
 Kantor, James, E. Rosenberg, and A. C. Small, to The Liquid Carbonic Corp. 2,689,057, Cl. 216—54.
 Kantrowitz, Arthur, Ithaca, N. Y. Construction for controlling clearance and positions of parts by thermal actuators. 2,665,058, Jan. 5.
 Kanuch, John A., Cleveland, Ohio, assignor to Borg-Warner Corporation, Chicago, Ill. Constant speed flow control valve. 2,665,704, Jan. 12.
 Kanuch, John A., South Euclid, Ohio, assignor to Borg-Warner Corporation, Chicago, Ill. Unloading valve. 2,667,896, Feb. 2.
 Kanuch, John A., assignor to Borg-Warner Corporation. 2,680,347, Cl. 60—52.
 Kanuch, John A., to Borg-Warner Corp. 2,687,869, Cl. 251—30.
 Kanuenberg, William K. 2,694,854, Cl. 30—1.5.
 Kao, John Y. L., assignor to F. D. Farnam Co. 2,676,099, Cl. 92—21.
 Kapff, Sixt F.: *See—*
 Jacobs, Robert B., and Kapff.

- Kapff, Sixt F., Homewood, assignor to Standard Oil Company, Chicago, Ill. Vapor pressure determination by expansion cooling. 2,671,342, Mar. 9.
- Kaplan, Benjamin D., Burbank, Calif. Moisture responsive signaling device. 2,668,202, Feb. 2.
- Kaplan, David : *See—*
Bloch, Rudolf, Schnerb, and Kaplan.
- Kaplan, Henry : *See—*
Kadushin, David T., and Kaplan. 2,688,723.
- Kaplan, Irving : *See—*
Spencer, Helen J. 2,693,809.
- Kaplan, Irving. 2,676,765, Cl. 242—68.
- Kaplan, Martin N., Beloit, Wis. Electromagnetic transmission. 2,666,155, Jan. 12.
- Kaplan, Marvin, to Video Television, Inc. 2,691,131, Cl. 324—23.
- Kaplan, Morris L., to The Shirtcraft Co., Inc. 2,686,315, Cl. 2—128.
- Kaplan, Morris L. 2,697,833, Cl. 2—128.
- Kaplan, Nathan, Atlanta, Ga. Fish scaling cylinder construction. 2,672,648, Mar. 23.
- Kaplan, Nathan. 2,685,360, Cl. 198—179.
- Kaplan, Reuben A. 2,684,738, Cl. 192—30.5.
- Kaplan, Reuben A., to Owatonna Tool Co. 2,683,387, Cl. 81—74.
- Kaplan, Sam H., Chicago, Ill. Color image target structure. 2,669,672, Feb. 16.
- Kapp, Karl A., Cleveland, Ohio. Surgical instrument. 2,668,537, Feb. 9.
- Kapp, Robert. 2,694,249, Cl. 29—155.5.
- Kapp, Roland : *See—*
Klein, Howard C., and Kapp. 2,688,027.
- Kappen, John W., Dayton, Ohio. Article handling means. 2,668,681, Feb. 9.
- Kappes, Arthur U. 2,683,274, Cl. 15—106.
- Kappler, Max. 2,694,987, Cl. 107—47.
- Kappus, Peter G. 2,681,548, Cl. 60—35.54.
- Kappus, Peter G. 2,696,079, Cl. 60—35.54.
- Kaprellan, Edward K., to the United States of America as represented by the Secretary of the Army. 2,685,820, Cl. 88—57.
- Karagheusian, A. & M., Inc. : *See—*
Dacey, Edward J. 2,681,083.
- Karas, Frank S. 2,687,545, Cl. 16—16.
- Karcher, Floyd E. J. : *See—*
Field, Lloyd M. 2,698,011.
- Karchmer, Jean H. : *See—*
Waddell, Mathis T., and Karchmer. 2,693,443.
- Kardos, Andrew. 2,676,140, Cl. 195—130.
- Kardos, Otto : *See—*
Diggin, Myron B., and Kardos. 2,680,712.
- Kardos, Otto, Keyport, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Bright silver plating. 2,666,738, Jan. 19.
- Kareby, Erik H. S., assignor to Skanska Cementaktiebolaget. 2,676,867, Cl. 346—33.
- Karelitz, Michael B. : *See—*
Garrett, John E., and Karelitz. 2,674,151.
Garrett, John E., Karelitz, and Jones. 2,674,127.
- Karig, Werner, to Dyckerhoff & Widmann Kommanditgesellschaft. 2,695,754, Cl. 238—91.
- Karius, William : *See—*
Demarest, Daniel D., Perkins, Karius, and Berendt.
- Karlen, Harvey R., to Cory Corp. 2,683,442, Cl. 122—19.
- Karlen, Hermann, Emmenbrucke, near Lucerne, Switzerland, and E. Colombu, Paris, France, assignors to Societe de la Viscose Suisse, Emmenbrucke, near Lucerne, Switzerland. Apparatus for the fluid treatment of yarn. 2,667,055, Jan. 26.
- Karlén, Nial T., assignor to Aktiebolaget Atlas Diesel. 2,674,229, Cl. 121—34.
- Karll, Robert E. : *See—*
Lemmon, Norman E., Karll, and Feller. 2,677,620.
- Karll, Robert E., to Standard Oil Co. 2,693,447, Cl. 252—32.7.
- Karlson, Roy H. : *See—*
Schramm, Charles H., and Karlson. 2,695,310.
- Karlsson, Elov K. : *See—*
Karlsson, Ione A. and E. K. 2,686,557.
Pool, Stuart D., and Karlsson.
- Karlsson, Ione A. and E. K. 2,686,557, Cl. 155—36.5.
- Karlsson, Per H., assignor to The Air Preheater Corporation. 2,680,008, Cl. 257—6.
- Karlström, Johan F. R., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Dishwashing apparatus. 2,673,761, Mar. 30.
- Karmas, George, to Ortho Pharmaceutical Corp. 2,689,260, Cl. 260—491.
- Karnell, Roland D., Philadelphia, Pa. Dual finishing wheel. 2,673,425, Mar. 30.
- Karniol, Leopold, New York, N. Y. Two-step process for molding articles with ornamental facing. 2,673,372, Mar. 30.
- Karnofsky, George B., to Blaw-Knox Co. 2,691,830, Cl. 34—13.
- Karns, Sherman S. 2,678,734, Cl. 211—58.
- Karos, Sam, assignee : *See—*
Kastrin, Mathew, and Makres. 2,679,965.
- Karos, Sam. 2,680,548, Cl. 226—41.
- Karp, Ben W. : *See—*
Jovishoff, Hans, and Karp.
- Karp, Edward C., and S. G. Berglund, assignors to Sanitary Scale Company. 2,678,021, Cl. 116—129.
- Karpel, William J. : *See—*
Julian, Percy L., and Karpel.
Julian, Percy L., and Karpel. 2,696,490.
Schock, Richard U., and Karpel. 2,684,963.
- Karr, Andrew E. : *See—*
Scheibel, Edward G., and Karr. 2,676,903.
- Karr, Moses M. 2,685,132, Cl. 31—4.
- Karsai, Joseph W., to United States Rubber Co. 2,695,520, Cl. 73—146.
- Karsoe, Willart A. 2,678,016, Cl. 113—113.
- Katrutz-Pak Machine Co. : *See—*
Grey, Victor A. 2,686,927.
Grey, Victor A. 2,689,971.
- Kasak, Antonin, and A. Weststrom, assignors to Bendix Aviation Corporation, South Bend, Ind. Grinding machine. 2,665,529, Jan. 12.
- Kasak, Antonin J., assignor to Bendix Aviation Corporation. 2,675,850, Cl. 154—1.
- Kascher, Henry M. : *See—*
Embree, Norris D., and Kascher. 2,686,751.
- Kase, Otto E. : *See—*
Ferry, John T., Bennett, Kase, and McGirr. 2,681,145.
- Kase, Otto E., to Remington Rand Inc. 2,693,753, Cl. 101—93.
- Käser, Albert : *See—*
Winet, Hans, and Käser. 2,694,525.
- Kasey, Emma M., $\frac{1}{2}$ to N. J. Vile. 2,689,540, Cl. 114—126.
- Kasindorf, Ira L. : *See—*
Schmitt, Otto H., and Kasindorf. 2,682,607.
- Kaslow, Arthur L., assignor of $\frac{1}{2}$ to L. Caldwell, and $\frac{1}{2}$ to A. A. Ray. 2,675,803, Cl. 128—205.
- Kason Hardware Corporation, assignee : *See—*
Groeger, Alfred H. 2,680,638.
- Kaspar, Anne N., assignee : *See—*
Nordell, Carl H.
- Kass, Irvin E. : *See—*
Scheider, Maurice G., and Kass. 2,691,497.
- Kass, Peter, to Atlas Powder Co. 2,698,255, Cl. 106—213.
- Kass, Samuel M. 2,693,029, Cl. 30—332.
- Kass, Samuel M. 2,693,600, Cl. 4—56.
- Kass, Sholom, to the United States of America as represented by the Secretary of the Army. 2,684,474, Cl. 340—212.
- Kassay, Andrew W. : *See—*
Meiser, Kenneth D., and Kassay. 2,679,490.
- Kassel, Alvin, Bronx, N. Y. Nut-holding device. 2,669,894, Feb. 23.
- Kassel, Louis S., Oak Park, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons with a HF catalyst, the reforming of the gasoline fraction and the regeneration of the HF with hydrogen from the reforming zone. 2,670,320, Feb. 23.
- Kassel, Louis S., to Universal Oil Products Co. 2,685,941, Cl. 183—115.
- Kasselmann, George J. : *See—*
Siekmann, Harold J., and Kasselmann. 2,678,579.
Siekmann, Harold J., Kasselmann, Luning, and Cooper. 2,697,373.
- Kast, Samuel H., assignor, by mesne assignments, to I-T-E Circuit Breaker Company. 2,680,795, Cl. 200—169.
- Kasten, Walter, to Bendix Aviation Corp. 2,683,536, Cl. 210—167.
- Kasten, Walter, and G. C. Fricke, to Bendix Aviation Corp. 2,696,915, Cl. 210—164.
- Kastrin, Mathew, and G. Makres, assignors of $\frac{1}{2}$ to said Kastrin and $\frac{1}{2}$ to S. Karos. 2,679,965, Cl. 226—41.
- Kaszynski, Frank : *See—*
Kamborian, Jacob S., and Kaszynski.
- Katagiri, Shinjiro : *See—*
Tadano, Bunya, and Katagiri. 2,688,091.
Tadano, Bunya, Morito, and Katagiri. 2,688,092.
- Kater, Hermann, Braunschweig, Germany. Medical syringe. 2,672,866, Mar. 23.
- Kath, Alfred W., Detroit, Mich., assignor to Eli Lilly & Company, Indianapolis, Ind. Capsule machine. 2,671,245, Mar. 9.
- Kather, William S., and T. Wiener, to California Research Corp. 2,681,313, Cl. 252—21.
- Kathman, Fred J., Jr. : *See—*
Hood, Myron E. 2,696,217.
- Katsumata, Akifumi. 2,679,563, Cl. 200—98.
- Kattu Project, Inc., assignee : *See—*
Babcock, Vearne C.
- Katz, Abe A. 2,689,520, Cl. 101—103.
- Katz, Alex J. : *See—*
Bank, Albert M., and Katz. 2,676,621.
- Katz, Alfred : *See—*
Mosettig, Erich, Sato, and Katz. 2,684,365.
- Katz, Ernest, now by judicial change of name Ernest Henry Casson. 2,681,714, Cl. 189—2.
- Katz, Irving, to Bjorksten Research Laboratories, Inc. 2,694,722, Cl. 260—453.
- Katz, Jacob R., deceased; M. A. Katz, executrix. 2,679,458, Cl. 99—136.
- Katz, Leonhard. 2,680,578, Cl. 244—14.
- Katz, Manfred, to United Food Services, Inc. 2,683,449, Cl. 126—263.
- Katz, Margaret A., executrix : *See—*
Katz, Jacob R. 2,679,458.
- Katz, William E., and N. W. Rosenberg, to Ionics, Inc. 2,694,680, Cl. 204—180.
- Katzbeck, Walter J. : *See—*
Kerr, Ralph W., and Katzbeck.

- Katzenberger, Edward F., to United Aircraft Corp. 2,691,496, Cl. 244—103.
- Katzman, Abe, Bronx, N. Y. Partitions for boxes, cartons, and the like. 2,665,026, Jan. 5.
- Katzman, Abe, to I. D. Co. 2,689,060 Cl. 220—42.
- Katzman, Max. 2,690,499, Cl. 219—40.
- Katzman, Morris, assignor to Process Chemicals Company. 2,679,504, Cl. 260—404.
- Kaufer, Conrad, Willoughby, Ohio. Trumpet tone control. 2,672,783, Mar. 23.
- Kaufman, John H., Eustis, Fla. Packaging and dispensing frozen beverage forming concentrates. 2,667,422, Jan. 26.
- Kaufman, Richard N. 2,682,195, Cl. 88—24.
- Kaufman, Walter L., II, to Lovell Mfg. Co. 2,695,162, Cl. 259—89.
- Kaufman, Albert and L., Brooklyn, N. Y. Window construction. 2,666,235, Jan. 19.
- Kaufman, Albert A., to Industrial Synthetic Corp. 2,686,337, Cl. 18—59.
- Kaufman Construction Company, assignee: See—Kaufman, Isaac S.
- Kaufman, George E., Canton, assignor to The Hoover Company, North Canton, Ohio. Spring driven reel. 2,672,304, Mar. 16.
- Kaufman, George E., assignor to The Hoover Company. 2,677,849, Cl. 15—333.
- Kaufman, Isaac S., Melrose Park, assignor to Kaufman Construction Company, Philadelphia, Pa. Traveling scaffold for bridges and the like. 2,669,490, Feb. 16.
- Kaufman, Jerome S., New Rochelle, assignor to Tidy Products Co., New York, N. Y. Child's adjustable garment. 2,670,471, Mar. 2.
- Kaufman, Jonas J., Freeman, S. Dak. Barrel and drum truck. 2,673,654, Mar. 30.
- Kaufman, Louis: See—Kaufman, Albert and L.
- Kaufman, Manuel, Fresno, Calif. Traction device. 2,665,685, Jan. 12.
- Kaufman, Richard B., to General Electric Co. 2,694,102, Cl. 174—140.
- Kaufman, Roy I., assignor to R. I. K., Incorporated, Marion, Ohio. Pneumatic vise having fixed jaw located between movable cylinder and movable jaw. 2,668,465, Feb. 9.
- Kaufman, Solomon, New York, N. Y. Traveling desk set. 2,666,290, Jan. 19.
- Kaufmann, Albert, assignor to Scintilla Aktien-Gesellschaft. 2,680,292, Cl. 30—228.
- Kaufmann, Albert, to Scintilla Ltd. 2,689,310, Cl. 290—38.
- Kaufmann, Hans J. 2,682,316, Cl. 183—57.
- Kaufmann, Henry, to Star Fastener, Inc. 2,685,127, Cl. 29—410.
- Kaufmann Luggage Co., Inc.: See—Hartman, Philip. 2,689,028.
- Kaufmann, Otto: See—Pfitzner, Helmut, and Kaufmann. 2,685,595.
- Kaufmann, Stephen: See—Djerassi, Carl, Rosenkranz, Kaufmann, Pataki, and Romo.
- Rosenkranz, George, Kaufmann, and Pataki.
- Kaulakis, Frank: See—Stinchfield, John C., and Kaulakis. 2,685,538.
- Stinchfield, John C., and Kaulakis. 2,685,571.
- Kaupin, William B.: See—Dalton, John N., and Kaupin.
- Dalton, John N., and Kaupin. 2,689,806.
- Kauppi, Toivo A., assignor to Dow Corning Corporation. 2,678,893, Cl. 117—135.5.
- Kauppi, Toivo A., to Dow Corning Corp. 2,681,878, Cl. 167—22.
- Kautz, Karl. 2,681,854, Cl. 75—38.
- Kautz, Raymond W., to The Glenn L. Martin Co. 2,691,206, Cl. 29—68.
- Kautz, Wilbur E.: See—Leddin, Theodore H., and Kautz. 2,675,034.
- Kavanagh, Arthur J., to American Optical Co. 2,685,228, Cl. 88—39.
- Kavanagh, Kervin E.: See—Grahame, James H., Kavanagh, and Whaley.
- Kaveler, Herman H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Drilling wells using retarded set cement and slurries thereof. 2,672,937, Mar. 23.
- Kawa, Samuel, Philadelphia, Pa. Article crushing apparatus. 2,665,632, Jan. 12.
- Kawamura, Yoshio: See—Yamanaka, Kunio, Yamamoto, Kawamura, and Ito. 2,681,339.
- Kay, Arthur M. 2,676,326, Cl. 2—211.
- Kay-Brunner Steel Products, Inc.: See—Garrison, Marion A. 2,688,952.
- Kay, Douglas. 2,678,616, Cl. 110—18.
- Kay, John G.: See—Greenshields, Robert O., and Kay. 2,675,848.
- Kayan, Carl P. 2,695,750, Cl. 235—61.
- Kaye, Harold J. 2,674,046, Cl. 33—178.
- Kaye, Irving. 2,698,152, Cl. 248—149.
- Kaye, Philip de B.: See—Klepetko, Ernest, and Kaye. 2,689,176.
- Kaye, Robert L. 2,685,096, Cl. 15—56.
- Kaye, Robert L. 2,690,854, Cl. 220—46.
- Kaye's Rotaprint Agency Limited, assignee: See—King, Carl G.
- Kayler, Frank H., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Railway car coupler having means to prevent vertical disengagement. 2,666,533, Jan. 19.
- Kayler, Frank H., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Rotatable car and train-line coupler arrangement. 2,667,977, Feb. 2.
- Kayler, Frank H., assignor to American Steel Foundries. 2,680,526, Cl. 213—61.
- Kayler, Frank H., to American Steel Foundries. 2,682,340, Cl. 213—112.
- Kayler, Frank H., to American Steel Foundries. 2,684,237, Cl. 267—58.
- Kayler, Frank H., to American Steel Foundries. 2,689,051, Cl. 213—146.
- Kayler, Frank H., to American Steel Foundries. 2,689,052, Cl. 213—166.
- Kayler, Frank H., to American Steel Foundries. 2,695,713, Cl. 213—115.
- Kayler, Frank H., to American Steel Foundries. 2,695,714, Cl. 213—126.
- Kayser, Daniel, Paris, France, assignor to Societe Anonyme pour les Applications de l'Electricite et des Gaz Rares-Etablissements Claude-Paz & Silva. Trans-former. 2,666,859, Jan. 19.
- Kaysun Incorporated, assignee: See—Irwin, Raymond A. 2,674,063.
- Kazan, Benjamin: See—Nicoll, Frederick H., and Kazan. 2,690,517.
- Kazenko, Anna: See—Koepsell, Harold J., Kazenko, Jeanes, Sharpe, and Wilham.
- Kazial, Louis M., $\frac{1}{4}$ to T. W. Walsh, $\frac{1}{4}$ to F. J. Thill, and $\frac{1}{4}$ to J. J. Nozel. 2,681,052, Cl. 123—142.5.
- Keal, John J., assignor to Brown-Saltman, South Gate, Los Angeles, Calif. Vertically adjustable table structure. 2,667,391, Jan. 26.
- Kean, Clare H., Houston, Tex. Dynamic displacement meter. 2,665,581, Jan. 12.
- Kean, Joseph E., Homewood, Birmingham, Ala. Vehicle passenger safety strap. 2,670,967, Mar. 2.
- Kearby, Kenneth K.: See—Black, James F., and Kearby. 2,682,552.
- Kirshenbaum, Isidor, and Kearby. 2,686,196.
- Reeves, Edward D., and Kearby. 2,694,686.
- Kearby, Kenneth K., to Standard Oil Development Co. 2,682,565, Cl. 260—683.15.
- Kearby, Kenneth K., I. Kirshenbaum, and J. O. Smith, Jr., assignors to Standard Oil Development Company. 2,678,904, Cl. 196—52.
- Kearfott Company, Inc., assignee: See—Bloser, Dwight W.
- Kearins, Patrick F.: See—Ballato, Carlo J., and Kearins. 2,679,328.
- Kearney, James R., Corporation, assignee: See—Brown, Ralph E., and Weiss. 2,675,506.
- Caruthers, Prosper C., and Tallman. 2,693,086.
- Hoffman, Joseph D., and Holke. 2,680,774.
- Kearney, Justin M., New Britain, Conn., and R. W. Gunderson, New York, N. Y. Fire alarm system. 2,673,975, Mar. 30.
- Kearney, Leo A., Palisades Park, N. J. Combination safety razor and hair trimming device. 2,670,533, Mar. 2.
- Kearney, Thomas J., assignor to Detrex Corporation, Detroit, Mich. Improvement in machines for degreasing pipes and the like by immersion in liquid solvents. 2,670,746, Mar. 2.
- Kearney, Thomas J., assignor to Detrex Corporation, Detroit, Mich. Degreasing machine. 2,673,835, Mar. 30.
- Kearney & Trecker Corp.: See—Armitage, Joseph B. 2,682,182.
- Armitage, Joseph B. 2,697,965.
- Armitage, Joseph B., and Lukey. 2,692,518.
- Ocenasek, William F. 2,695,637.
- Senn, Jurg A. 2,682,203.
- Senn, Jurg A., and Schlichting. 2,694,961.
- Wetzel, Theodore A., and Wutschel. 2,692,527.
- Kearns, Alexander L.: See—Baldwin, Jack R. 2,683,266.
- Kearny Manufacturing Company, Inc., assignee: See—Kresse, Herbert E. 2,678,024.
- Keast, Dorothy M.: See—Miller, Anna L., and Keast.
- Keating, Chester L., Jr., New Orleans, La. Absorption refrigeration system for mobile application. 2,667,040, Jan. 26.
- Keating, Richard T., Chicago, Ill. Deep frier. 2,666,427, Jan. 19.
- Keating, Richard T. 2,678,039, Cl. 126—391.
- Keaton, Frank H., and D. C. Bettison. 2,682,442, Cl. 346—33.
- Kebbon, Earl R.: See—Lamb, Anthony H., and Kebbon. 2,679,758.
- Kebbon, Earl R., to Weston Electrical Instrument Corp. 2,681,965, Cl. 200—139.
- Kebbon, Earl R., to Weston Electrical Instrument Corp. 2,691,461, Cl. 220—82.
- Kebow, Dudley, Inc.: See—Lenz, Hugh F. 2,688,448.
- Keck, Cecil W. 2,686,445, Cl. 81—3.

- Keck, Zack R., Strathmore, Calif. Timing system. 2,664,949, Jan. 5.
- Kee Zipper Corporation, assignee: *See*—
Lackritz, Samuel J.
- Keeble, John: *See*—
Everitt, Philip F., and Keeble.
- Keebler, Paul T., to B. & G. Mfg. Co. 2,691,803, Cl. 20—55.
- Keebler, William C. 2,675,725, Cl. 82—33.
- Keech, Dana E. 2,683,620, Cl. 299—4.
- Keech, Dana E. 2,687,915, Cl. 299—4.
- Keefe, Lincoln M., to Stewart Products Corp. 2,688,391, Cl. 194—48.
- Keegan, Frank X., assignor to The Pyle-National Company, Chicago, Ill. Self-aligning dual purpose warning head-light apparatus. 2,666,193, Jan. 12.
- Keegin, Curtis W. 2,692,960, Cl. 315—80.
- Keel, Knute O., assignor to General Motors Corporation. 2,674,355, Cl. 192—096.
- Keelavite Company Limited, The, assignee: *See*—
Levetus, Francis B.
- Keeler Brass Co.: *See*—
Jakeway, Gerald V. 2,690,212.
- Keeler, Frederick A. 2,684,178, Cl. 220—107.
- Keeler, Raymond W., assignor to The Huber Manufacturing Company, Marion, Ohio. Road scraper. 2,670,551, Mar. 2.
- Keely, Clifford D. 2,682,066, Cl. 15—22.
- Keen, Alexis W., Wayne Township, Passaic County, N. J., assignors to United States Rubber Company, New York, N. Y. Apparatus for producing latex foam. 2,673,723, Mar. 30.
- Keen, Arthur W., to Electric & Musical Industries Ltd. 2,689,914, Cl. 250—36.
- Keen, Harold H., assignor to The British Tabulating Machine Company Limited. 2,679,797, Cl. 101—93.
- Keen, Harold H., to British Tabulating Machine Co. Ltd. 2,694,758, Cl. 200—98.
- Keen, Thomas A., and E. M. Whitley. 2,675,963, Cl. 235—91.
- Keen, William R., Bowling Green, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Method and apparatus for treating yarns. 2,669,001, Feb. 16.
- Keenan, Burton, assignor to G. R. K. Chemical Co. Inc. 2,676,889, Cl. 99—100.
- Keenan, Vernon, Jr.: *See*—
Bettes, Richard S., Jr., Keenan, and Radkins. 2,697,249.
- Keenan, Vincent J., to The Atlantic Refining Co. 2,686,201, Cl. 260—501.
- Keenan, Vincent J., Ardmore, and F. J. Gozlow, assignors to The Atlantic Refining Company, Philadelphia, Pa. Alkoxyalkylamine salts of alkylaryl sulfonic acids. 2,673,215, Mar. 23.
- Keenan, William. 2,687,239, Cl. 222—368.
- Keene, Lee C.: *See*—
Rhoades, Rex V., Keene, and Stevens. 2,688,726.
- Keener, Donald G., Agnew, Calif. Tail stock indicator holder. 2,665,493, Jan. 12.
- Keener, Donald G., Agnew, Calif. Fishhook and leader box. 2,670,564, Mar. 2.
- Keener, R. T.: *See*—
Woods, Kenneth D. 2,695,467.
- Keeney, Rollin D., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Injection molding device. 2,669,750, Feb. 23.
- Keese, Beverly W., Oshkosh, Wis., assignor, by mesne assignments, to Rockwell Spring and Axle Company, Coraopolis, Pa. Lubricating means for differential mechanisms. 2,668,601, Feb. 9.
- Keese, Beverly W., to Rockwell Spring and Axle Co. 2,687,656, Cl. 74—665.
- Keese, Beverly W., and C. A. Cook, assignors, by mesne assignments, to Rockwell Spring and Axle Company. 2,674,892, Cl. 74—15.84.
- Keesling, C. H.: *See*—
Keesling, Thomas B. 2,697,362.
- Keesling, Thomas B., to Food Machinery and Chemical Corp. 2,687,796, Cl. 198—28.
- Keesling, Thomas B., $\frac{1}{2}$ to C. H. Keesling. 2,697,362, Cl. 74—417.
- Keesling, William J. 2,690,328, Cl. 257—245.
- Keevil, Henry W.: *See*—
Barnes, Walter C., and Keevil. 2,689,940.
- Keffer, Kenneth K. 2,692,137, Cl. 271—2.1.
- Kehe, Henry J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Aralkyl phenols as antioxidants. 2,670,340, Feb. 23.
- Kehl, William L.: *See*—
Muskat, Morris, Parker, and Kehl. 2,684,030.
- Keboe, William R., assignor to American Meter Company. 2,675,826, Cl. 137—492.
- Kehrer, Robert, and S. Keller, to Machine Tool Works Oerlikon, Administration Co. 2,688,342, Cl. 137—788.
- Keil, Willi, Krefeld, Germany. Shuttle driving mechanism for weaving looms or machines. 2,672,164, Mar. 16.
- Keilin, Bertram: *See*—
Moreton, Douglas H., and Keilin. 2,694,083.
- Keim, Gerald I., to Hercules Powder Co. 2,686,776, Cl. 260—100.
- Keim, Gerald I., to Hercules Powder Co. 2,688,609, Cl. 260—100.
- Keim, Laurence A.: *See*—
Dennison, Brook J., Keim, and Smith.
- Keim, Paul T.: *See*—
Geyer, Howard M., and Keim. 2,678,247.
- Kelminen, Sulo P. J. 2,687,759, Cl. 152—191.
- Keiper, Phillip C.: *See*—
Santini, Danilo, Keiper, and Fink. 2,674,348.
- Kelper, Phillip C., Shrewsbury, and W. M. Ostrander, Hackensack, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Direct-current motor control system. 2,668,265, Feb. 2.
- Kelrsey, Charles W., Ponca City, Okla. Brief case. 2,669,273, Feb. 18.
- Kelrsey, Charles W., Ponca City, Okla. Luggage. 2,672,962, Mar. 23.
- Keiser, Bernhard: *See*—
De Groote, Melvin, and Keiser. Re. 23,851.
- Keiser, David L. 2,678,007, Cl. 105—49.
- Keiser, John. 2,687,568, Cl. 29—278.
- Keisling, Fred L., to Western Electric Co., Inc. 2,693,578, Cl. 332—48.
- Keist, Walter E., assignor to The Dualtron Company, Pittsburgh, Pa. Electrical precipitator. 2,672,206, Mar. 16.
- Keiter, Robert W. 2,676,832, Cl. 294—30.
- Keiter, Robert W., $\frac{1}{4}$ to R. J. Dewey. 2,686,033, Cl. 248—211.
- Keiter, Robert W. 2,688,424, Cl. 222—215.
- Keiter, William H. 2,684,661, Cl. 121—150.
- Keith, Carl D., to Sinclair Refining Co. 2,690,961, Cl. 23—225.
- Keith, George F. 2,695,568, Cl. 105—368.
- Keith, Percival C., assignor to The M. W. Kellogg Co. 2,675,294, Cl. 23—1.
- Keith, Robert H., to Westinghouse Electric Corp. 2,697,176, Cl. 307—57.
- Keith, Wayland D.: *See*—
Urban, Arthur H. 2,680,886.
- Keith, Willis C., assignor to Sinclair Oil and Gas Company. 2,674,576, Cl. 252—8.55.
- Keizer, Eugene O., Princeton, N. J., assignor to Radio Corporation of America. Frequency control apparatus. 2,666,182, Jan. 12.
- Keizer, Eugene O., to Radio Corp. of America. 2,683,803, Cl. 250—27.
- Keizer, Eugene O., and M. G. Kroger, to Radio Corp. of America. 2,682,606, Cl. 250—27.
- Keizer, Eugene O., H. L. Donley, and C. Wentworth, to Radio Corp. of America. 2,688,085, Cl. 250—36.
- Kelbel, Donald W., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission and control mechanism therefor. 2,664,765, Jan. 5.
- Kelbel, Donald W., to Borg-Warner Corp. 2,682,177, Cl. 74—472.
- Kelbel, Donald W., and G. E. Flinn, to Borg-Warner Corp. 2,693,711, Cl. 74—472.
- Kelch, Lester F., and J. R. Bonnett, Girard, Pa., assignors to Louis Marx & Company, New York, N. Y. Toy smoking locomotive. 2,673,419, Mar. 30.
- Kelco Co.: *See*—
McNeely, William H. 2,688,598.
- Keleket X-Ray Corp.: *See*—
Schepker, Paul F. 2,695,964.
- Kelite Products, Inc., assignee: *See*—
McDonald, Louis, and Hawley. 2,674,523.
- Keljik, Heranoush. 2,682,727, Cl. 46—12.
- Kelk, George F., to A. V. Roe Canada Ltd. 2,681,565, Cl. 73—140.
- Kell, Robert M., and A. R. Thomas, deceased (by The National City Bank, administrator), to the United States of America as represented by the Secretary of War. 2,686,160, Cl. 252—359.
- Kelle, Arthur C., Stoughton, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Contact and arc runner structure for circuit interrupting devices. 2,668,892, Feb. 9.
- Kelleher, John, assignee: *See*—
Sassetti, Charles. 2,677,338.
- Kelleigh, Waldo J., to General Control Co. 2,690,246, Cl. 192—66.
- Kelleigh, Waldo J., to General Control Co. 2,698,370, Cl. 200—168.
- Kellems Company, assignee: *See*—
Kellems, David L. 2,676,376.
- Kellems, David L. 2,681,781.
- Kellems, David L. 2,688,172.
- Kellems, Edgar E.
- Kellems, David L., assignor to Kellems Company. 2,676,376, Cl. 24—123.
- Kellems, David L., to Kellems Co. 2,681,781, Cl. 248—60.
- Kellems, David L., to Kellems Co. 2,688,172, Cl. 24—123.
- Kellems, Edgar E., Pasadena, Calif., assignor to Kellems Company, Stonington, Conn. Article holding device. 2,664,609, Jan. 5.
- Keller, Arthur C.: *See*—
Jeanne, Armand L., Keller, and White. 2,697,749.
- Keller, Bernhard, assignor to British Duplex Seals Ltd., and International Business Services Ltd. 2,679,998, Cl. 248—205.
- Keller, Edwin G.: *See*—
Eastman, James M., Keller, and Mock. 2,679,297.
- Keller, Emil G., to Stroehmann Brothers Co. 2,683,560, Cl. 226—129.
- Keller, Ernst, to J. R. Geigy S. A. 2,694,636, Cl. 95—6.

- Keller, Ernst, and R. Zweidler, to J. R. Geigy A. G. 2,684,966, Cl. 260—308.
- Keller, Ervin J., Flint, Mich. Headspace gauge for firearms. 2,668,360, Feb. 9.
- Keller, Frederick, assignor to Midwest Tool & Cutlery Company. 2,680,293, Cl. 30—248.
- Keller, Frederick, to Midwest Tool and Cutlery Co. 2,690,010, Cl. 30—252.
- Keller, Glen B.: *See*—
Winger, Milton, and Keller. 2,693,682.
- Keller, Herman J., to Clinton Foods Inc. 2,698,246, Cl. 99—154.
- Keller, Joseph. 2,680,542, Cl. 223—69.
- Keller, Joseph F. 2,682,183, Cl. 77—5.
- Keller, Kaufman T., assignor to Chrysler Corporation. 2,675,065, Cl. 155—179.
- Keller and Knappich G. m. b. H. Maschinenfabrik: *See*—
Tilch, Hans, and Gabler. 2,690,270.
- Keller, Oscar: *See*—
Steiger, Norbert, and Keller. 2,676,970.
- Keller, Ralph, to Valco Mfg. Co. 2,683,388, Cl. 84—115.
- Keller, Robert, to Aktiengesellschaft Brown, Boveri & Cie. 2,682,630, Cl. 318—82.
- Keller, Siegfried: *See*—
Kehrer, Robert, and Keller. 2,688,342.
- Keller, Siegfried, Effretikon, assignor to Machine Tool Works Oerlikon, administration company, Zurich-Oerlikon, Switzerland. Controlling device for antiskid means for vehicle brakes. 2,672,335, Mar. 16.
- Keller Tool Company, assignee: *See*—
Shaff, Ernest H. 2,684,698.
Shaff, Ernest H. 2,693,728.
Taylor, John L. 2,674,098.
- Keller, Walter L., and G. A. Miller, Jr. 2,683,416, Cl. 102—90.
- Keller, William A.: *See*—
Kennedy, Theodore R., and Keller. 2,676,235.
- Keller, William M., and L. M. Showers, Jr., assignors to The Pennsylvania Railroad Company. 2,674,208, Cl. 105—377.
- Kellerer, Marylka, née Bender. 2,696,690, Cl. 41—11.
- Kellersman, Robert. 2,681,757, Cl. 226—2.
- Kelley, Alleine: *See*—
Kelley, Kork and A. 2,674,202.
- Kelley, Benjamin F. 2,675,105, Cl. 192—93.
- Kelley, Carl S., to Phillips Petroleum Co. 2,697,881, Cl. 34—57.
- Kelley, Carroll L.: *See*—
Martin, Richard H., and Kelley. 2,674,032.
- Kelley, Cecil S., to Westinghouse Air Brake Co. 2,687,786, Cl. 188—107.
- Kelley, Dewitt T.: *See*—
Hoib, Edward M., Kelley, and Wyland. 2,674,210.
- Kelley, Esther N., Ridgefield, Conn. Baby's grow shirt. 2,670,472, Mar. 2.
- Kelley, George G., Oak Ridge, Tenn., assignor to the United States of America as represented by the United States Atomic Energy Commission. Coupling stage for distributed amplifier stages. 2,670,408, Feb. 23.
- Kelley, Horace L.: *See*—
Wallingford, Vernon H., Mackey, and Kelley. 2,687,838.
- Kelley, Harold W.: *See*—
Atkinson, John F., Kelley, and McCutchen. 2,695,991.
- Kelley, John F.: *See*—
Schieser, Warren J., and Kelley. 2,687,272.
- Kelley, Joseph B.: *See*—
Maltby, Frederick L., and Kelley. 2,677,095.
- Kelley, Joseph B., and F. L. Maltby, assignors to The Bristol Company. 2,677,094, Cl. 321—49.
- Kelley, Kork and A. 2,674,202, Cl. 103—260.
- Kelley, Mary F., Quincy, Mass. Mop holder. 2,671,919, Mar. 16.
- Kelley, Maurice J., and J. Levy, to Nopco Chemical Co. 2,681,354, Cl. 260—404.5.
- Kelley, Oliver K., to General Motors Corp. 2,687,616, Cl. 60—54.
- Kelley, Raymond E. 2,676,847, Cl. 299—140.
- Kelley, Robert A. 2,685,983, Cl. 220—31.
- Kelley, Thomas M.: *See*—
Carpenter, Raymond D., and Kelley.
- Kellner, Ferdinand, to Karl Muller jr. Photo-Kino-Radio. 2,684,020, Cl. 95—42.
- Kellner, Hugh L.: *See*—
Easley, Joseph C., and Kellner. 2,691,033.
- Kellogg Co.: *See*—
Jenney, Ray S. 2,683,557.
- Kellogg, George O. A., Nampa, Idaho. Surgical instrument for operative and diagnostic purposes. 2,670,730, Mar. 2.
- Kellogg, Henry M.: *See*—
Foster, Roderick J., and Kellogg. 2,688,864.
- Kellogg, Homer G., to Motor Products Corp. 2,691,204, Cl. 29—34.
- Kellogg, Joseph, to Nordberg Mfg. Co. 2,691,080, Cl. 200—18.
- Kellogg, Karl B.: *See*—
Cady, George H., and Kellogg. 2,689,254.
- Kellogg, Lawrence D.: *See*—
Wallace, Lewis C. 2,681,871.
- Kellogg, M. W., Company, The, assignee: *See*—
Blum, Oscar A., Dittman, and Wrightson. 2,694,701.
Burton, William P. 2,698,285.
Degnen, William J. 2,695,265.
Dickinson, Norman L. 2,683,152.
Dickinson, Norman L. 2,685,498.
Dickinson, Norman L. 2,686,801.
Dickinson, Norman L., Hill, and Williams. 2,697,655.
Dipner, Charles D. 2,686,770.
Dittman, Albert L., Passino, and Wrightson. 2,689,241.
Dittman, Albert L., and Wrightson. 2,690,459.
Elion, Herbert A. 2,690,511.
Green, Irving. 2,686,767.
Hanford, William E.
Holmes, Tunis L.
Holzwarth, Hans T.
Hopkins, Robert K. 2,694,023.
Howard, Everett W. 2,696,461.
Howard, Everett W., Osborne, and Wickham.
Jewell, Joseph W. 2,681,272.
Jewell, Joseph W. 2,686,710.
Johnson, William B. 2,686,819.
Keith, Percival C. 2,675,294.
Kershaw, Harold, and Dowling.
Mantell, Russell M. 2,697,124.
Mantell, Russell M., and Passino. 2,697,026.
Mantell, Russell M., Passino, and Teeters. 2,684,987.
McGrath, Henry G. 2,690,993.
McGrath, Henry G. 2,695,866.
McGrath, Henry G., and Rubin. 2,683,726.
Passino, Herbert J. 2,675,301.
Passino, Herbert J., and Rubin. 2,686,194.
Passino, Herbert J., Teeters, and Mantell.
Pratt, Robert S. 2,683,078.
Pyzel, Robert.
Rearick, John S. 2,684,959.
Rossheim, David B., Yaczko, and Trainor. 2,684,528.
Schick, Herman P., and Frank. 2,691,916.
Skaperdas, George T.
Skelly, Joseph F.
Teeters, Wilber O. 2,686,738.
Trumpler, Paul R.
Vincent, Gregory A. 2,683,121.
Wienola, Oiva A.
Wrightson, John M., and Dittman.
- Kellogg, Richard A., and R. H. Martin, assignors to The Lawrence Paper Company. 2,676,746, Cl. 229—17.
- Kellogg, Robert B. 2,685,278, Cl. 122—11.
- Kellogg, Spencer 2nd: *See*—
Barkalow, Clare E., and Kellogg. 2,685,207.
- Kelly, Bernard J.: *See*—
Benedict, Walter E., Dobry, and Kelly. 2,694,831.
- Kelly, Clyde W., assignor to Detroit Steel Products Company, Detroit, Mich. Filler plate for reversible hinges. 2,666,945, Jan. 26.
- Kelly, Clyde W., to Detroit Steel Products Co. 2,687,194, Cl. 189—75.
- Kelly, Daniel A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Attachment for trimming the treads of wheels. 2,664,679, Jan. 5.
- Kelly, Donald H.: *See*—
Gilbert, Everett E., Kelly, and Woolf. 2,695,918.
- Kelly, Earl M.: *See*—
Kivari, Arthur M., and Kelly. 2,679,477.
- Kelly, Harold S., to Phillips Petroleum Co. 2,698,057, Cl. 166—165.
- Kelly, Harry J.: *See*—
Gayle, Aubrey A., and Kelly. 2,690,354.
- Kelly, Helen M.: *See*—
Kelly, Marcus L. 2,685,881.
- Kelly, Jack, deceased; Jeanne Kelly, administratrix, to Jeanne Kelly. 2,698,294, Cl. 252—8.55.
- Kelly, James A., to The Dow Chemical Co. 2,697,721, Cl. 260—501.
- Kelly, James G.: *See*—
Culver, Perrin C., and Kelly.
- Kelly, Jeanne: *See*—
Kelly, Jack. 2,698,294.
- Kelly, John C. R., Jr., to Westinghouse Electric Corp. 2,686,865, Cl. 219—1.
- Kelly, Joseph C. 2,683,916, Cl. 25—154.
- Kelly, Joseph L., and F. J. Carragher. 2,686,695, Cl. 299—86.
- Kelly, Leo M. 2,690,372, Cl. 312—286.
- Kelly, Marcus G.: *See*—
Blais, Ethel M. 2,687,526.
- Kelly, Marcus L., deceased; H. M. Kelly, administratrix, to herself. 2,685,881, Cl. 128—418.
- Kelly, Mark E., Jr.: *See*—
Henson, Walter A., Kelly, Taber, Wise, and Schurr. 2,689,235.
- Kelly, Ogilvie C., assignor to The Toledo Plate & Window Glass Company, Toledo, Ohio. Mirror mounting means. 2,666,364, Jan. 19.
- Kelly, Ralph V. 2,682,436, Cl. 309—47.
- Kelly, Robert P.: *See*—
Catlin, Robert T., and Kelly. 2,675,546.
- Kelly, Thomas C. 2,692,073, Cl. 226—14.
- Kelly, Thomas N., to Smith-Morris Corp. 2,695,074, Cl. 183—62.
- Kelly, Victor L. 2,692,594, Cl. 128—87.
- Kelly, William D. 2,688,251, Cl. 73—290.

- Kelm, Everett F., to Corning Glass Works. 2,686,027, Cl. 248—1.
- Kelman, Robert B., and J. S. Johnston, to Cockshutt Farm Equipment Ltd. 2,684,618, Cl. 97—181.
- Kelsch, John J., Winnipeg, Manitoba, Canada. Mixing valve for water closet tanks. 2,669,391, Feb. 16.
- Kelsey, Cadwallader W. 2,683,406, Cl. 97—216.
- Kelsey, Cadwallader W., and G. W. Done. 2,691,928, Cl. 97—40.
- Kelsey-Hayes Wheel Co.: *See—*
- Hall, Robert T. 2,687,454.
- Hall, Robert T. 2,693,251.
- Hill, Edward G., and Ingres. 2,680,349.
- Jacobi, Emil R. 2,684,269.
- Miller, James J. 2,693,166.
- Savery, Clarence H. 2,689,748.
- Sinclair, Charles W. 2,687,161.
- Sinclair, Charles W., and Palmer. 2,693,021.
- Kelsey, Rayner L.: *See—*
- Foerstel, Edmund C., and Kelsey.
- Kelsey, Walter L. 2,684,070, Cl. 128—337.
- Kelsh, Harry T., assignee: *See—*
- Knapik, John. 2,678,583.
- Kelson, Malcolm J., Sr. 2,679,299, Cl. 170—160.45.
- Keltner, Harold E. 2,676,859, Cl. 312—13.
- Kelvin & Hughes Ltd.: *See—*
- Everitt, Philip F., and Jamieson.
- Everitt, Philip F., and Keeble.
- Grandidge, John E. 2,678,561.
- Harrison, Alban. 2,686,303.
- Wikkenhauser, Gustav. 2,698,428.
- Kember, Federico C., Buenos Aires, Argentina. Button affixing means. 2,671,255, Mar. 9.
- Kemp, Arthur W.: *See—*
- Poorman, Robert F., Chakiris, and Kemp. 2,679,643.
- Kemp, C. M., Manufacturing Company, The, assignee: *See—*
- Hanson, Hartwig M., and Funk. 2,675,067.
- Kemp, Harold S., C. Pyle, and G. M. Turner, to E. I. du Pont de Nemours & Co. 2,681,306, Cl. 202—39.5.
- Kemp, Joseph W.: *See—*
- Hasler, Maurice F., Proctor, Kemp, and Lindhurst. 2,675,734.
- Kemp, Lebbeus C., Jr., to The Texas Co. 2,694,074, Cl. 260—332.8.
- Kemp, Manning H. 2,679,858, Cl. 137—382.
- Kemp, Philip G. 2,684,035, Cl. 103—117.
- Kempe, Robert A., assignor to Thompson Products, Inc. 2,679,669, Cl. 22—200.
- Kempe, Robert A., and R. R. Ruppender, to Thompson Products, Inc. 2,689,807, Cl. 117—107.
- Kempel, George P., Cuyahoga Falls, Ohio. Bust pad. 2,664,571, Jan. 5.
- Kempel, George P., Cuyahoga Falls, Ohio. Disposable syringe. 2,664,891, Jan. 5.
- Kempel, George P., Cuyahoga Falls, Ohio. Disposable douche. 2,664,893, Jan. 5.
- Kemper, James M.: *See—*
- Arthur, Robert A., Kemper, and Fischer. 2,692,545.
- Kemper, James M., Hollywood, assignor to The Garrett Corporation, Los Angeles, Calif. Isobaric override control. 2,665,623, Jan. 12.
- Kemper, James M., to The Garrett Corp. 2,696,153, Cl. 98—15.
- Kempkes, Paul E. 2,682,694, Cl. 24—263.
- Kempner, Alan H., Jr. 2,675,557, Cl. 2—114.
- Kempthorne, James L. 2,676,059, Cl. 299—86.
- Kenco Products Corp.: *See—*
- Steele, Vernon P. 2,697,840.
- Kendall, Charles E., to Dunlop Rubber Co. Ltd. 2,695,328, Cl. 260—761.
- Kendall Co., The: *See—*
- Bright, Willard M. 2,695,251.
- Eustis, Warner. 2,675,914.
- Secrist, Horace A. 2,688,864.
- Secrist, Horace A. 2,697,048.
- Kendall Corporation, The, assignee: *See—*
- Howell, Richard B.
- Kendall, Delvin E., Jr., to United Shoe Machinery Corp. 2,696,804, Cl. 121—38.
- Kendall, Edward C., and G. A. Fleisher, to Research Corp. 2,683,153, Cl. 260—397.45.
- Kendall, George A., and A. W. Chriscaden, assignors to Wickes Bros., a division of The Wickes Corporation, Saginaw, Mich. Center drive chuck for crankshaft lathes. 2,670,646, Mar. 2.
- Kendall, George H.: *See—*
- Allison, Hugh V., and Kendall. 2,694,886.
- Kendall, Harold G.: *See—*
- Fritzing, George H. 2,689,728.
- Kendall, Hugh C., and F. P. Zaffarano, to General Railway Signal Co. 2,693,525, Cl. 246—124.
- Kendall, James W., and I. H. Morrison. 2,689,629, Cl. 188—1.
- Kendall, John D., and H. W. Wood, Ilford, and S. F. W. Welford, Knutsford, assignors to Ilford Limited, Ilford, England. Direct positive emulsions. 2,669,515, Feb. 16.
- Kendall, John D., G. F. Duffin, and A. J. Axford, to Ilford Ltd. 2,688,024, Cl. 260—310.
- Kendall, John D., and H. G. Suggate, to Ilford Ltd. 2,693,472, Cl. 260—304.
- Kendall, John D., H. G. Suggate, and J. H. Mayo, to Ilford Ltd. 2,697,707, Cl. 260—240.
- Kendall, Thomas L., to General Motors Corp. 2,690,467, Cl. 136—178.
- Kendall, Thomas L., and J. E. Heritage, to General Motors Corp. 2,690,466, Cl. 136—178.
- Kendick Mfg. Co., Inc.: *See—*
- Bugg, Kenly C. 2,685,427.
- Kendig, Robert M., to Westinghouse Air Brake Co. 2,691,867, Cl. 60—39.28.
- Kendig, Robert M., to Westinghouse Air Brake Co. 2,697,554, Cl. 236—79.
- Kendrick, John F. 2,688,979, Cl. 137—512.15.
- Kendrick, Marron, Atherton, Calif., assignor to Schlage Lock Company. Package for lock sets. 2,670,892, Mar. 2.
- Kendrick, William S., Willow Grove, assignor to Proctor Electric Company, Philadelphia, Pa. Combined air vent valve and pressure relief plug. 2,670,755, Mar. 2.
- Kenmar Manufacturing Company, The, assignee: *See—*
- Spear, Detmer D.
- Kenmore, Herbert, and W. J. Manson, assignors to Kenmore Metal Corporation. 2,680,710, Cl. 204—28.
- Kenmore Metal Corporation, assignee: *See—*
- Kenmore, Herbert, and Manson. 2,680,710.
- Kennametal Inc.: *See—*
- Murphy, George D. 2,680,897.
- Kennard, Rollin J.: *See—*
- Tretheway, William J., Kennard, and Buker. 2,689,989.
- Kennard, Theodore G.: *See—*
- Drake, John F. 2,689,659.
- Kennecott Copper Corp.: *See—*
- Berge, Byron T. 2,696,979.
- Croft, Harry P.
- Hatch, Gerald G. 2,676,882.
- Jaffee, Robert I.
- Kennedy, Daniel W., to General Electric Co. 2,684,177, Cl. 220—64.
- Kennedy, Daniel W., and F. G. Weigand, assignors to General Electric Company. 2,679,491, Cl. 260—22.
- Kennedy, Florence, and T. B. Neckar. 2,693,335, Cl. 248—301.
- Kennedy, Frank J., assignor to National Electric Products Corporation. 2,675,813, Cl. 134—125.
- Kennedy, Garfield R., assignor of 50% to S. Fertik. 2,675,934, Cl. 214—505.
- Kennedy, Harry H.: *See—*
- Seeberger, Fred B. 2,685,131.
- Kennedy, Harvey T., and A. J. Teplitz, to Gulf Research & Development Co. 2,697,071, Cl. 252—8.5.
- Kennedy, Henry A., Philadelphia, Pa., assignor to National Battery Company, St. Paul, Minn. Storage battery cap. 2,673,231, Mar. 23.
- Kennedy, Henry A., and F. Remus, to Gould-National Batteries, Inc. 2,694,745, Cl. 136—177.
- Kennedy, Kenneth A. 2,697,619, Cl. 285—47.1.
- Kennedy, Ralph C., to Radio Corporation of America. 2,697,746, Cl. 178—5.8.
- Kennedy, Raymond A. 2,687,964, Cl. 106—10.
- Kennedy, Robert M., Newtown Square, and A. Schneider, assignors to Sun Oil Company, Philadelphia, Pa. Alkylation of aromatic hydrocarbons by isoparaffinic hydrocarbons. 2,673,224, Mar. 23.
- Kennedy, Robert M., and A. Schneider, to Sun Oil Co. 2,681,362, Cl. 260—505.
- Kennedy, Robert M., and A. Schneider, to Sun Oil Co. 2,683,754, Cl. 260—666.
- Kennedy, Robert M., and A. Schneider, to Sun Oil Co. 2,683,755, Cl. 260—666.
- Kennedy, Robert M., and A. Schneider, to Sun Oil Co. 2,683,756, Cl. 260—666.
- Kennedy, Robert M., and A. Schneider, to Sun Oil Co. 2,683,757, Cl. 260—666.
- Kennedy, Robert M., and A. Schneider, to Sun Oil Co. 2,691,622, Cl. 196—23.
- Kennedy, Theodore R., and W. A. Keller, assignors to Ajax Electrothermic Corporation. 2,676,235, Cl. 219—20.
- Kennedy, Thomas J.: *See—*
- Reynolds, William B., Wicklatz, and Kennedy.
- Kennedy-Van Sann Mfg. & Eng. Corporation, assignee: *See—*
- Squire, Miles B., Jr.
- Kennedy, Verne C., Jr., to Streeter Amet Co. 2,691,485, Cl. 235—92.
- Kennedy, Wallace M.: *See—*
- Heller, Joseph N., and Kennedy. 2,689,551.
- Kennedy, Walter, deceased; The United National Bank of Cliffside Park, administrator, to W. D. Kennedy. 2,682,304, Cl. 158—116.
- Kennedy, Walter W., to Barber-Colman Co. Re. 23,884, Cl. 98—40.
- Kennedy, Walter W., assignor to Barber-Colman Company. 2,679,912, Cl. 189—36.
- Kennedy, William D.: *See—*
- Kennedy, Walter. 2,682,304.
- Kenney, Charles V., Chicago, Ill. Baby bouncing device. 2,672,916, Mar. 23.
- Kenney, John W., Jr., and J. W. Girard, to Great Lakes Carbon Corp. 2,695,839, Cl. 71—2.4.
- Kenney, Joseph F., to Remington Arms Co., Inc. 2,689,788, Cl. 52—4.

- Kenney, Robert W., assignor to S. G. Harwood, South Pasadena, Calif. Separator drain valve structure. 2,673,648, Mar. 30.
- Kennison, Hugh F., to Lock Joint Pipe Co. 2,698,193, Cl. 285-112.
- Kenny, Herman C., and H. A. Abramson, to Calumet & Hecla, Inc. 2,687,953, Cl. 75-103.
- Kent, Alfred W.: *See*—
Deans, Frederick E., Wainwright, and Kent.
- Kent, Earle L., to C. G. Conn Ltd. 2,697,959, Cl. 84-1.22.
- Kent, Francis J., and F. A. Dussling, assignors to Hydro-press, Incorporated. 2,679,748, Cl. 73-41.
- Kent, Jan H. F., assignor of $\frac{1}{2}$ to Auto Tyre Services Limited. 2,675,582, Cl. 18-18.
- Kent, John W., to Remington Rand Inc. 2,692,601, Cl. 129-30.
- Kent-Moore Organization, Inc.: *See*—
De Kam, William G. 2,688,870.
Holton, George E. 2,688,193.
Stooksberry, Walter W. 2,691,824.
- Kent, Moss A., White Plains, N. Y. Tire chain applying clamp. 2,665,602, Jan. 12.
- Kent, Paul J., assignee: *See*—
Jarvis, James A. 2,677,257.
- Kent, Philip J., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle electrical system. 2,671,891, Mar. 9.
- Kent, Raymond C., Jr.: *See*—
Woolston, Lionel L., and Kent. 2,695,390.
- Kent, Russell H., Jr., Springfield, assignor to Sun Oil Company, Philadelphia, Pa. Fuel weighing device. 2,672,754, Mar. 23.
- Kent, Samuel J.: *See*—
Bacon, Clinton J., and Kent. 2,679,044.
- Kenty, Carl, Cleveland Heights, Ohio, assignor to General Electric Company. Flashing discharge device. 2,671,184, Mar. 2.
- Kenway, Reginald G.: *See*—
Sawyer, Marshall W., Wilson, Kenway, and Overholser. 2,697,543.
- Kenwood Engineering Co., Inc., assignee: *See*—
Kusiv, James J. 2,678,693.
- Kenworth Motor Truck Corporation, assignee: *See*—
Dafoe, Leslie R. 2,680,490.
Drozynski, Chester. 2,680,657.
- Kenworthy, Clarence S., Evanston, Ill., and W. J. Blessing, Buffalo, N. Y.; said Blessing assignor to Worthington Corporation, Harrison, N. J. Fuel gas volume control for internal-combustion engines. 2,666,422, Jan. 19.
- Kenworthy, Kenneth P., and H. Vonhof, to Western Aluminum Corp. 2,693,235, Cl. 164-49.
- Kenyon, Allen S., assignor to Monsanto Chemical Company. 2,676,940, Cl. 260-30.6.
- Kenyon, Charles H. 2,677,888, Cl. 30-167.
- Kenyon Instrument Co., Inc.: *See*—
Tuttle, Clifton M. 2,688,278.
Tuttle, Clifton M., and Brown.
- Kenyon, William O.: *See*—
Carroll, Burt H., and Kenyon. 2,675,316.
- Kenzian, Adolf: *See*—
Antoine, Tassilo, Grünberger, Kodak, Wasner, and Kenzian. 2,697,431.
- Keogh, Daniel J., assignor to Price's Patent Candle Company Limited. 2,679,069, Cl. 18-13.
- Keogh, Hedley B. 2,690,353, Cl. 298-11.
- Kepka, Frank: *See*—
Heyer, William T., and Kepka. 2,678,800.
- Kepner, Robert C.: *See*—
Shields, Robert A., Dendler, and Kepner. 2,686,479.
- Kepner, Robert C., to ACF Industries, Inc. 2,686,605, Cl. 214-58.
- Kepner, Robert C., and R. A. Shields, Bloomsburg, Pa., assignors to American Car and Foundry Company, New York, N. Y. Rotatable car and train-line coupler arrangement. 2,670,857, Mar. 2.
- Ker, Montgomery: *See*—
Cohen, Robert, Storm, and Ker. 2,682,632.
- Keranen, Irene: *See*—
Henry, Allen, and Keranen.
- Kerbaugh, Joseph F. and M. D., and P. W. Barr. 2,674,207, Cl. 105-376.
- Kerbaugh, Malcolm D.: *See*—
Kerbaugh, Joseph F. and M. D., and Barr. 2,674,207.
- Kerbin, James F.: *See*—
Beattie, Horace S., Page, and Kerbin. 2,687,086.
- Kerby, Addison C., assignor to Briggs Manufacturing Co. 2,680,250, Cl. 4-187.
- Kerby, Alexander. 2,688,200, Cl. 38-72.
- Kercheval, James E. 2,688,197, Cl. 34-133.
- Kerchner, Jay R., and W. F. Broske, to Aircraft-Marine Products, Inc. 2,693,216, Cl. 153-1.
- Kerlin, William L., Los Angeles, Calif., assignor to Clellan Ross Pleasants, Atmospheric conditioning method and apparatus. 2,665,168, Jan. 5.
- Kerlin, William L. 2,691,847, Cl. 47-2.
- Kermode, Theresa A. 2,688,751, Cl. 2-53.
- Kern, Erwin, assignor to Aktiengesellschaft Brown, Boveri & Cie. 2,677,089, Cl. 318-314.
- Kern, Frank, Jr., assignor to Maxitrol Company, Detroit, Mich. Gas regulator. 2,668,396, Feb. 9.
- Kern, Herbert E. 2,684,533, Cl. 30-292.
- Kern, Jakob. 2,675,602, Cl. 29-76.
- Kern, Mathew C. 2,676,816, Cl. 280-150.
- Kern, Walter: *See*—
Grélat, Maurice, and Kern. 2,691,027.
Grossmann, Paul, and Kern. 2,685,591.
Jenny, Walter, and Kern. 2,695,296.
Moergeli, Eduard, Sutter, and Kern. 2,693,473.
- Kern, Woodrow P. 2,685,974, Cl. 214-147.
- Kerner, Max. 2,694,921, Cl. 70-456.
- Kerns, Quentin A., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,680,227, Cl. 324-31.
- Kerns, Quentin A., to the United States of America as represented by the United States Atomic Energy Commission. 2,696,530, Cl. 179-171.
- Keroes, Herbert I., assignor to Acro Products Company. 2,680,218, Cl. 317-220.
- Kerpchar, Michael, to Bendix Aviation Corp. 2,683,226, Cl. 307-149.
- Kerr, Alexander H., and Co., Inc.: *See*—
Bowen, Joe. 2,695,125.
- Kerr, Alexander H., and Company, Incorporated, assignee: *See*—
Klug, Clarence.
- Kerr, Arthur N., to Phillips Petroleum Co. 2,683,582, Cl. 251-61.
- Kerr, Charles E., assignor to Food Machinery and Chemical Corporation. 2,676,634, Cl. 146-86.
- Kerr, Charles E., assignor to Food Machinery and Chemical Corporation. 2,680,552, Cl. 226-96.
- Kerr, Charles E., and M. O. Smith, to Food Machinery and Chemical Corp. 2,687,212, Cl. 209-98.
- Kerr, Donald E.: *See*—
Pierce, John A., Kerr, and Street. 2,689,346.
- Kerr, Donald W.: *See*—
Dandurand, Leo C., and Kerr. 2,693,838.
- Kerr, George R., $\frac{1}{2}$ to J. Kowalczyk. 2,694,132, Cl. 219-19.
- Kerr Mfg. Co.: *See*—
Christian, Rodney E. 2,695,452.
- Kerr, Ralph W., Riverside, and W. J. Katzbeck, Oak Park, Ill., assignors to Corn Products Refining Company, New York, N. Y. Cold water dispersible starch sizes and making them. 2,669,523, Feb. 16.
- Kerr, Robert B., and R. K. Roberts, to Socony-Vacuum Oil Co., Inc. 2,697,648, Cl. 346-33.
- Kerr, Wallace E. 2,693,274, Cl. 205-7.
- Kerridge, Frank E., and G. Pearce, to Painton & Co., Ltd. 2,693,023, Cl. 29-155.5.
- Kerridge, Norman E., Saltford, near Bristol, assignor to Stothert & Pitt Limited, Bath, Somerset, England. Vibrating roller. 2,671,386, Mar. 9.
- Kerry, Byron J. 2,690,809, Cl. 170-135.4.
- Kershaw, Delmar D.: *See*—
Campbell, John H., and Kershaw. 2,677,075.
- Kershaw, Harold, River Edge, N. J., and E. D. Dowling, Queens Village, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Plug-type control valve for fluidized catalyst conversion system. 2,668,755, Feb. 9.
- Kershaw, John G. 2,680,266, Cl. 19-157.
- Kershaw, Robert E., Sr., and T. F. Irvine, Jr. 2,686,524, Cl. 131-211.
- Kershaw, Royce, Montgomery, Ala. Ballast plow and distributor. 2,665,506, Jan. 12.
- Kershaw, Royce. 2,696,917, Cl. 212-65.
- Kershaw, Royce. 2,697,887, Cl. 37-104.
- Kershaw, Stanley C., to Coats & Clark Inc. 2,685,338, Cl. 164-61.
- Kerst, Donald W.: *See*—
Adams, Gail D., and Kerst.
- Kerst, Donald W., to The Board of Trustees of The University of Illinois. 2,697,167, Cl. 250-27.
- Kersta, Lawrence G., to Bell Telephone Laboratories, Inc. 2,697,157, Cl. 201-63.
- Kerwin, James F., and G. E. Ulyot, to Smith, Kline & French Laboratories. 2,683,719, Cl. 260-332.3.
- Kerwin, James F., and G. E. Ulyot, to Smith, Kline & French Laboratories. 2,683,744, Cl. 260-570.9.
- Keser, Otto A.: *See*—
Rood, Robert M., and Keser.
- Kesling, Keith K.: *See*—
Jacobs, James W., and Kesling. 2,676,727.
- Kesling, Keith K., to General Motors Corp. 2,692,809, Cl. 312-214.
- Kessell, Wilfred, Jr., Seattle, Wash. Lunch box with vacuum containers. 2,672,232, Mar. 16.
- Kessenich, Gregory J.: *See*—
Church, Joseph H., and Kessenich.
Church, Joseph H., and Kessenich. 2,682,834.
- Kessler Chemical Co., Inc.: *See*—
Logan, Roger L.
Logan, Roger L. 2,688,031.
- Kessler, Frank, to Stromberg-Carlson Co. 2,684,409, Cl. 179-175.2.
- Kessler, Frank, and T. Frankel, Rochester, N. Y., assignors to Stromberg-Carlson Company. Automatic telephone connector circuit. 2,667,539, Jan. 26.
- Kessler, Frank and W. W. Pharis, Rochester, N. Y., assignors to Stromberg-Carlson Company. Finder-allotter circuit for telephone systems. 2,668,194, Feb. 2.

- Kessler, Frank, and W. W. Pharis, Rochester, N. Y., assignors to Stromberg-Carlson Company. Automatic toll trunking system. 2,669,606, Feb. 16.
- Kessler, Frank, and W. W. Pharis, to Stromberg-Carlson Co. 2,685,617, Cl. 179—27.
- Kessler, Jack. 2,682,661. Cl. 2—78.
- Kessler, Jacob C. F., Velp, J. Boetie, Arnhem, and J. F. Kohlwey, Velp, assignors to N. V. Onderzoekingsinstituut Research, Arnhem, Netherlands. Filling extruder. 2,671,930, Mar. 16.
- Kessler, Lee H., assignee: *See—*
Kessler, Norman H., and Hansen.
- Kessler, Norman H., and H. I. Hansen, Cedar Rapids, Iowa, assignors to L. H. Kessler, Springville, N. Y. Double impeller impact breaker. 2,665,074, Jan. 5.
- Kessler, Theodore P., Burlington, N. J., assignor to General Electric Company. Means for establishing substantially uniform flow rate in conduits and the like. 2,670,010, Feb. 23.
- Kessler, Wilbur, Broomall, Pa., assignor, by mesne assignments, to Detroit Stoker Company. Stoker apparatus. 2,666,404, Jan. 19.
- Kesten, Jack J. 2,678,053, Cl. 135—20.
- Kesterman Bros. Mfg. Co., assignee: *See—*
Valcourt Louis E.
- Ketcham, Charles E. 2,679,076, Cl. 20—67.
- Ketcham, Lyman G., Summit, assignor to Automatic Manufacturing Corporation, Newark, N. J. Variable inductance. 2,666,187, Jan. 12.
- Ketcham & McDougall, Inc., assignee: *See—*
McFadyen, Richard.
- Ketchledge, Raymond W., to Bell Telephone Laboratories, Inc. 2,692,307, Cl. 179—175.3.
- Ketchpel Engineering Co.: *See—*
Ketchpel, Paul A.
Ketchpel, Paul A. 2,692,063.
Ketchpel, Paul A., and Egli.
Ketchpel, Paul A., and Egli. 2,690,634.
- Ketchpel, Paul A., assignor to Ketchpel Engineering Company, West Englewood, N. J. Broaching machine. 2,669,164, Feb. 16.
- Ketchpel, Paul A., to Ketchpel Engineering Co. 2,692,063, Cl. 216—55.
- Ketchpel, Paul A., Englewood, and H. K. Egli, New Milford, assignors to Ketchpel Engineering Company, West Englewood, N. J. Valve. 2,669,414, Feb. 16.
- Ketchpel, Paul A., and H. K. Egli, to Ketchpel Engineering Co. 2,690,634, Cl. 53—93.
- Ketchum, Clarence A.: *See—*
Neckel, Edmund N., and Ketchum. 2,692,583.
- Ketchum, Harold B.: *See—*
Schmitkons, George E., and Ketchum. 2,688,401.
- Ketchum Manufacturing Co., Limited, assignee: *See—*
Ashton, Ernest W.
- Ketterer, Stanley J.: *See—*
Pinkvoss, Berthold P., and Ketterer.
- Ketterer, Stanley J. 2,692,569, Cl. 112—227.
- Kettering, Charles F., and F. J. Roselandt, to General Motors Corp. 2,688,056, Cl. 200—61.06.
- Ketterlinus Lithographic Mfg. Co., assignee: *See—*
Schwartz, Eugene. 2,674,055.
- Kettler, Alfred H., to the United States of America as represented by the Secretary of the Navy. 2,693,527, Cl. 250—13.
- Keuffel, Carl W., P. Kissam, and A. L. Baker, assignors to Keuffel & Esser Company. 2,679,181, Cl. 88—2.3.
- Keuffel & Esser Co.: *See—*
Baker, Allister L.
Baker, Allister L. 2,674,044.
Baker, Allister L. 2,696,054.
Himelson, Max. 2,696,415.
Keuffel, Carl W., Kissam, and Baker. 2,679,181.
Neugebauer, Wilhelm, Tomanek, and Böttger.
Süs, Oskar.
Süs, Oskar. 2,680,062.
Süs, Oskar. 2,680,074.
Süs, Oskar. 2,694,009.
- Keulen, Gerben J., A. Kool, and H. A. Cival, assignors to Nederlandse Boekhouden Statistiekmaatschappij Bullatec N. V. 2,675,233, Cl. 271—57.
- Keuper, William J., assignor to The National Marking Machine Company, Cincinnati, Ohio. Laundry listing machine. 2,671,396, Mar. 9.
- Keuper, William J., assignor to The National Marking Machine Company, Cincinnati, Ohio. Laundry listing and marking system. 2,672,810, Mar. 23.
- Keuper, William J., assignor to The National Marking Machine Company, Cincinnati, Ohio. Laundry marking machine. 2,672,811, Mar. 23.
- Kevorkian, Joseph D. 2,686,254, Cl. 240—102.
- Kewanee-Ross Corporation, assignee: *See—*
Tinker, Townsend. 2,678,236.
- Kewley, Norman E., assignor to General Electric Company. 2,679,714, Cl. 49—2.
- Kewley, Norman E., and E. H. Lohrey, to General Electric Co. 2,694,792, Cl. 324—20.
- Key, Claude L. 2,689,650, Cl. 209—170.
- Key, Hugh L., Rural Hall, N. C. Collapsible hat. 2,673,349, Mar. 30.
- Keyes, Charles W., Jr. 2,674,757, Cl. 15—121.2.
- Keyes Fibre Co.: *See—*
French, Richard S. 2,689,988.
Sawyer, Edward E. 2,686,141.
Shepard, Ernest L. 2,691,456.
- Keys, James R., C. F. Van Buskirk, and H. D. Oberdorfer, assignors, by mesne assignments, to New Castle Products, Inc., New Castle, Ind. Closure pull member. 2,668,319, Feb. 9.
- Keyser, Johann J., to Schiess Aktiengesellschaft. 2,686,939, Cl. 19—131.
- Keyser, Johann J. 2,687,529, Cl. 2—65.
- Keyser, Johann J., to Schiess Aktiengesellschaft. 2,689,693, Cl. 242—131.
- Keyser, Johann J., to Schiess Aktiengesellschaft. 2,690,641, Cl. 57—1.
- Keyser, Harold C., assignor to American Steel Foundries, Chicago, Ill. Spring band. 2,670,950, Mar. 2.
- Keyser, Harold C., to American Steel Foundries. 2,695,169, Cl. 267—60.
- Keystone Steel & Wire Co.: *See—*
Langenberg, Earl W. 2,683,474.
- Keystone View Company, assignee: *See—*
Alexander, Henry S. 2,674,153.
- Khalil, Seyed. 2,680,463, Cl. 152—339.
- Khalil, Seyed. 2,680,463, Cl. 152—363.
- Khalil, Seyed. 2,693,840, Cl. 152—363.
- Kharasch, Norman, and J. L. Cameron, Los Angeles, Calif., assignors to Commercial Solvents Corporation, Terra Haute, Ind. Alpha nitro sulfides. 2,671,113, Mar. 2.
- Khe-Beng Chiong: *See—*
Ro, Bo-Shin. 2,692,189.
- Khek, Massimiliano, Milan, Italy. Low-frequency induction furnace for melting nonferrous metals. 2,673,229, Mar. 23.
- Khindzorian-Iablokoff, Arthur, A. Delord, M. Falinski, and R. Lautie, assignors to Office National d'Etudes et de Recherches Aeronautiques. 2,674,543, Cl. 117—57.
- Khoury, Alfred S., to Globe-Union Inc. 2,684,522, Cl. 29—195.
- Khoury, Alfred S., and D. H. Zunker, assignors to Globe-Union Inc., Milwaukee, Wis. Printed circuits, including low-temperature coefficient capacitor. 2,673,949, Mar. 30.
- Kiba, Yoneo, assignor to Continental Plastics Corporation. 2,677,479, Cl. 220—31.
- Kibler, Alfred G.: *See—*
Spurlino, Pascal, Kibler, and Wolf. 2,688,128.
- Kibitz, Harold A., Jr., Chicago, and J. W. Droll, Wilmette, Ill., assignors, by mesne assignments, to United Mattress Machinery Company, Quincy, Mass. Machine for filling mattress casings and the like. 2,673,673, Mar. 30.
- Kickhöfen, Botho: *See—*
Husemann, Elfriede, Westphal, and Kickhöfen. 2,689,848.
- Kidd, Clara S. 2,674,740, Cl. 2—61.
- Kidd, Thomas V., to E. I. du Pont de Nemours and Co. 2,696,431, Cl. 75—0.5.
- Kidd, William E.: *See—*
Jones, James R., Kidd, and Bloomstran. 2,695,113.
- Kidde Mfg. Co., Inc.: *See—*
Kronheim, John H. 2,695,036.
- Noe, Harold C. 2,685,787.
- Noe, Harold C. 2,694,909.
- Kidwell, Alfred S., and G. P. Rowland, Jr., to The Firestone Tire & Rubber Co. 2,697,091, Cl. 260—80.5.
- Kiebert, Martin V., Jr. 2,688,131, Cl. 343—7.
- Kiechle, Julius: *See—*
Maier, Albert, and Kiechle. 2,690,680.
- Kiechle, Julius, to Zahnradfabrik Friedrichshafen, Aktiengesellschaft. 2,690,681, Cl. 74—368.
- Kiefer, Augustine J., Pittsburgh, Pa. Joint structure for doors and sashes. 2,671,539, Mar. 9.
- Kieffer, Edward P., to Polykote, Inc. 2,688,563, Cl. 117—21.
- Kieffer, Oliver J.: *See—*
Vogt, Howard D., and Kieffer. 2,687,863.
- Kiekhaefer, Elmer C., Cedarburg, Wis. Reed valve unit for crankcase induction engines. 2,669,979, Feb. 23.
- Kiekhaefer, Elmer C. 2,674,219, Cl. 115—18.
- Kiekhaefer, Elmer C. 2,675,790, Cl. 123—41.47.
- Kiekhaefer, Elmer C. 2,675,835, Cl. 143—32.
- Kiekhaefer, Elmer C. 2,679,909, Cl. 170—135.75.
- Kiekhaefer, Elmer C. 2,684,044, Cl. 115—18.
- Kiekhaefer, Elmer C. 2,684,056, Cl. 123—59.
- Kiekhaefer, Elmer C. 2,684,061, Cl. 123—196.
- Kiekhaefer, Elmer C. 2,689,141, Cl. 285—129.
- Kiekhaefer, Elmer C. 2,689,552, Cl. 123—73.
- Kiel, John R. 2,683,944, Cl. 38—121.
- Kiel, Kenneth M., assignor to King-Seeley Corporation, Ann Arbor, Mich. Timer and control mechanism. 2,664,755, Jan. 5.
- Kiel, Kenneth M., assignor to King-Seeley Corporation, Ann Arbor, Mich. Interval timer. 2,667,736, Feb. 2.
- Kien, Charles W.: *See—*
Brittain, Richard J., Jr., and Kien.
- Kienel, Joseph E. 2,684,187, Cl. 223—43.
- Kiener, Christian. 2,682,894, Cl. 139—18.
- Kienle and Co.: *See—*
McNabb, John W. 2,689,834.
- Kiep, Johann N., to Hydraulic Coupling Patents Ltd. 2,696,081, Cl. 60—54.
- Kightly, Eugene E.: *See—*
Wallenbrock, Ralph E., and Kightly. 2,680,356.
- Kihlgren, Theodore E.: *See—*
Le Grand, Pierre E., and Kihlgren. 2,686,715.

- Kihlstedt, Per G., assignor to Bolidens Gruvaktiebolag. 2,675,966, Cl. 241—20.
- Kihm, Georges A. 2,696,318, Cl. 215—40.
- Kiibus, Albert. 2,690,552, Cl. 340—321.
- Kilbourne, Charles E., to General Electric Co. 2,695,368, Cl. 310—64.
- Kilburn, Tom: *See*—
Williams, Frederic C., and Kilburn.
Williams, Frederic C., Robinson, and Kilburn. 2,683,802.
- Kilby, William: *See*—
Hannay, Robert S. E., and Kilby. 2,693,689.
Hannay, Robert S. E., and Kilby. 2,693,995.
- Kilcrease, Dana L.: *See*—
Goodale, Kenneth S., and Kilcrease. 2,687,199.
- Kiley, Le Roy D., assignor to Bendix Aviation Corporation. 2,680,803, Cl. 240—2.1.
- Kilgore, Inc., assignee: *See*—
McKay, Frank E. 2,674,224.
- Kilgore, Lee A., assignor to Westinghouse Electric Corporation. 2,679,605, Cl. 310—111.
- Kilham, Peter, Plainville, Mass. Bending brake attachment for vise jaws. 2,667,201, Jan. 26.
- Kilian, Casimer, Dunkirk, N. Y. Garbage can stand. 2,673,053, Mar. 23.
- Kilian, James A.: *See*—
Killian, George P., and Killian.
Killian, George P., and Killian. 2,681,495.
- Kilian, Rudolph R. 2,686,016, Cl. 242—84.4.
- Kille, Lindley A., to Bell Telephone Laboratories, Inc. 2,690,299, Cl. 235—61.11.
- Killian, Dennis J.: *See*—
McNulty, Herbert W., and Killian. 2,687,388.
- Killian, George P., Alexandria, Va., and J. A. Kilian, Bethesda, Md. Field joint mold. 2,668,344, Feb. 9.
- Killian, George P., and J. A. Kilian, to Better Boxes, Inc. 2,681,495, Cl. 25—127.
- Killian, Robert J.: *See*—
Wickwire, Arthur M., Williams, and Killian. 2,685,856.
- Killian, Stanley C., to H. K. Porter Co., Inc. of Pittsburgh. 2,682,591, Cl. 200—148.
- Killik, Nicholas S.: *See*—
McKibbin, James M., Killik, and Whipple. 2,691,374.
- Killner, Frederick E.: *See*—
Frye, Colin M., Killner, and Morris.
- Kilmer, Charles B.: *See*—
Davidson, George W., Kupfer, and Kilmer.
- Kilmer, Edwin R., Johnstown, N. Y. Foldable bucksaw and case therefor. 2,667,195, Jan. 26.
- Kilpatrick, Howard M. 2,674,751, Cl. 5—321.
- Kilpatrick, James S., assignor to The Mycalex Company Limited, Cirencester, England. Manufacture of mica-ceous insulating materials. 2,669,764, Feb. 23.
- Kilpatrick, James S. 2,684,414, Cl. 200—84.
- Kilpatrick, Myron O., assignor to Phillips Petroleum Company. 2,680,706, Cl. 196—55.
- Kilpatrick, Walter E., assignor to Sun Oil Company. 2,677,579, Cl. 302—57.
- Kilthau, Martha K.: *See*—
Lindenfelser, Richard, and Kilthau. 2,697,086.
- Kimbal, Alfred, San Francisco, Calif. Muffler and silencer. 2,673,617, Mar. 30.
- Kimball, A., Co.: *See*—
Marsh, Alonzo K. 2,692,083.
Rothmann, Harry E., and Weimont. 2,687,820.
- Kimball, Albert W.: *See*—
Harding, William R., Kimball, and Opel.
- Kimball, Benjamin M., to The Cellucord Corp. 2,687,299, Cl. 270—93.
- Kimball, Charles N., Detroit, Mich., and W. R. Lewis, Kansas City, Mo., assignors to C. J. Patterson Company. Consistency determination. 2,673,463, Mar. 30.
- Kimball Chemical Products Corp.: *See*—
Richlin, Milton. 2,690,385.
- Kimberlin, Charles N. Jr.: *See*—
Adams, Clark E., Kimberlin, and Mattox. 2,690,990.
Hunter, Edward A., and Kimberlin. 2,692,239.
- Kimberlin, Charles N., Jr., and E. M. Gladrow, to Standard Oil Development Co. 2,689,229, Cl. 260—2.2.
- Kimberlin, Charles N., Jr., and E. M. Gladrow, to Standard Oil Development Co. 2,694,673, Cl. 196—52.
- Kime, Joseph M.: *See*—
Harris, Clyde W., and Kime.
- Kimerer, Keith C., Seattle, Wash. Hubcap securing means. 2,670,245, Feb. 23.
- Kimes, Harold E., Corporation, assignee: *See*—
Kimes, Harold E.
- Kimes, Harold E., assignor to Harold E. Kimes Corporation, Chicago, Ill. Tire tread and apparatus for forming same. 2,666,470, Jan. 19.
- Kimes, Robert: *See*—
Nourse, Philip R., and Kimes. 2,695,609.
- Kimm, Ewald J., assignor to Standard-Thompson Corporation. 2,674,268, Cl. 137—785.
- Kimmel, Frank E.: *See*—
Bureau, Arthur A., and Kimmel. 2,678,668.
- Kimmel, Helen O. 2,690,366, Cl. 311—10.
- Kimmel, Irvine. 2,683,069, Cl. 311—99.
- Kimmel, William L.: *See*—
Conroy, Addison B., and Kimmel. 2,697,452.
- Kimmerle, Howard J., Los Angeles, Calif. Material handling apparatus. 2,666,671, Jan. 19.
- Kimmich, Elmer G.: *See*—
Carter, Raymond S., and Kimmich. 2,682,293.
- Kimmons, Jewel I., Miami, Fla. Ventilated shower curtain. 2,668,298, Feb. 9.
- Kimpel, Louis J.: *See*—
Zeller, Robert C., and Kimpel. 2,680,389.
- Kimura, Richard N., Seattle, Wash. Bamboo rake handle attaching structure. 2,666,288, Jan. 19.
- Kin, Leo: *See*—
McCurdy, John L., and Kin. 2,676,946.
- Kincaid, John F., and R. C. McGill, to the United States of America as represented by the Secretary of the Navy. 2,698,228, Cl. 52—13.
- Kincaide, Merrill C., assignor, by mesne assignments, to Ford Motor Company. 2,674,460, Cl. 275—6.
- Kind & Knox Gelatin Co.: *See*—
Conrad, Louis J., and Stiles. 2,692,201.
- Kindelberger, James H. 2,697,390, Cl. 95—11.
- Kindig, Arnie J., to The Jeffrey Mfg. Co. 2,690,362, Cl. 308—187.2.
- Kindler, Herbert S., to Minneapolis-Honeywell Regulator Co. 2,693,917, Cl. 242—55.
- Kindley, Howard W., assignor to Speed Corporation. 2,676,811, Cl. 279—53.
- Kindley, Nannie B., Concord, N. C. Mop holder having twisted wire handle. 2,666,225, Jan. 19.
- Kindorf, Orlan C. 2,676,680, Cl. 189—35.
- Kindorf, Orlan C. 2,678,786, Cl. 248—72.
- Kindseth, Harold V., assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Control mechanism for sewing machines and the like. 2,670,700, Mar. 2.
- Kindseth, Harold V., assignor to Bemis Bro. Bag Company, Minneapolis, Minn. Bag filling machine with slidably mounted bag clamping means. 2,671,585, Mar. 9.
- Kindseth, Harold V., to Bemis Bro. Bag Co. 2,689,438, Cl. 53—16.
- Kindseth, Harold V., to Bemis Bro. Bag Co. 2,694,510, Cl. 222—485.
- Kindseth, Harold V., and F. L. Hopkins, assignors to Bemis Bro. Bag Company. 2,674,366, Cl. 198—202.
- Kindseth, Harold V., and H. K. Fox, to Bemis Bro. Bag Co. 2,681,021, Cl. 112—11.
- Kindseth, Harold V., and F. L. Hopkins, to Bemis Bro. Bag Co. 2,681,133, Cl. 198—110.
- Kindseth, Harold V., and F. L. Hopkins, to Bemis Bro. Bag Co. 2,683,435, Cl. 118—1.
- Kindt-Collins Co., The: *See*—
Kindt, Ernest T., and Rimmel. 2,686,992.
- Kindt, Ernest T., and I. A. Rimmel, to The Kindt-Collins Co. 2,686,992, Cl. 51—72.
- King, Alexander H., assignor to United Aircraft Corporation. 2,676,682, Cl. 192—3.2.
- King, Alfred S., Long Beach, Calif., and W. J. Cross, Jr., Swarthmore, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Apparatus for controlling bed depth in conversion systems. 2,670,278, Feb. 23.
- King, Archie P., to Bell Telephone Laboratories, Inc. 2,682,610, Cl. 250—33.69.
- King, Benjamin F., Jacksonville, Fla., assignor to Jacksonville Steel Company. Fabricated steel beam. 2,668,606, Feb. 9.
- King, Bennington S. 2,690,026, Cl. 43—42.02.
- King, Bruce, assignee: *See*—
Poetto, Celia. 2,678,048.
- King, Carl G., Kenton, assignor to Kaye's Rotaprint Agency Limited, London, England. Cylinder interrupter for offset lithographic printing machines. 2,667,120, Jan. 26.
- King, Carl G., to Rotaprint Ltd. 2,683,411, Cl. 101—218.
- King, Donald M. 2,681,954, Cl. 200—47.
- King, Donald M. 2,682,946, Cl. 198—20.
- King, Donald M. 2,684,039, Cl. 104—88.
- King, Dudley S.: *See*—
Wiegman, Clarence H., King, Carpenter, and Aldrich. 2,678,037.
- King, Earnest S. 2,697,895, Cl. 43—137.
- King, Edward P., Beaumont, Tex., assignor to The Pure Oil Company, Chicago, Ill. Solvent refining process. 2,673,174, Mar. 23.
- King, Edwin E. 2,675,568, Cl. 9—9.
- King, Ellis G., and E. R. Frederick, to the United States of America as represented by the Secretary of the Navy. 2,692,994, Cl. 9—20.
- King, Ernest S. 2,676,658, Cl. 164—84.5.
- King, Frank: *See*—
Amy, Ernest V., and King. 2,677,110.
- King, George H.: *See*—
Coppard, Anthony H., Hallas, King, and Searles. 2,689,334.
- King, George W., to Rex Mfg. Co. 2,690,197, Cl. 146—76.
- King, Geo. W., Ltd.: *See*—
Brooks, Robert J. 2,688,935.
Brooks, Robert J. 2,688,936.
Gillette, Frank N., and King. 2,692,912.
- King, Henry W. M. 2,696,365.
- King, Glengarry D., Washington, D. C., and R. V. Harkema, Seattle, Wash., assignors to Crown Zellerbach Corporation, San Francisco, Calif. Making masked lignocellulosic material. 2,666,726, Jan. 19.
- King, Henry H. 2,688,822, Cl. 47—28.
- King, Henry W. M., to Geo. W. King Ltd. 2,696,365, Cl. 254—173.
- King, Jack C.: *See*—
Burdick, John S., Nevins, and King.

- King, James F., Jr., to The Bahnson Co. 2,688,252, Cl. 73—338.
- King, James T. 2,680,892, Cl. 24—279.
- King, Jesse A., McKeesport, Pa., assignor to United States Steel Corporation. Sheet lifting mechanism. 2,670,985, Mar. 2.
- King, Joe. 2,678,217, Cl. 279—2.
- King, John L. 2,686,327, Cl. 15—228.
- King, John L. 2,686,329, Cl. 15—244.
- King, Jonathan W., Jr., Niles, Ohio. Awning. 2,672,928, Mar. 23.
- King, Laurence F., and L. W. Sproule, to Standard Oil Development Co. 2,695,272, Cl. 252—332.
- King, Leo R.: *See—*
- Lindenberg, Milton L., and King. 2,696,717.
- King, Maxwell D. 2,685,398, Cl. 229—6.
- King, Mike J. 2,675,243, Cl. 280—11.24.
- King, Nelson F.: *See—*
- Thayer, Clarence H., and King. 2,678,133.
- King Paint Roller Inc., assignee: *See—*
- Coughlan, Standly T.
- King, Ralph E., and H. H. Bixler, Erie, Pa., assignors to General Electric Company. Evaporator defrosting arrangement. 2,665,567, Jan. 12.
- King, Reginald B., assignor to Republic Aviation Corporation. 2,678,750, Cl. 220—5.
- King, Reginald B., and S. J. Arena, assignors to Republic Aviation Corporation. 2,679,030, Cl. 220—5.
- King, Robert A., San Gabriel, assignor to Union Oil Company of California, Los Angeles, Calif. Hydrocarbon oil stabilization process. 2,673,829, Mar. 30.
- King, Robert E.: *See—*
- Spielberg, Arnold M., and King.
- King, Robert S. 2,675,983, Cl. 247—226.
- King, Robert W., Birmingham, assignor to Harry Ferguson, Inc., Detroit, Mich. Drive axle for tractor-implement combinations. 2,668,597, Feb. 9.
- King, Robert W. 2,690,141, Cl. 105—340.
- King, Rollin W., Berkeley, and E. Berlant, Culver City, Calif., assignors, by mesne assignments, to Grafex, Inc., Rochester, N. Y. Roll-film camera incorporating a rotatable back. 2,665,620, Jan. 12.
- King, Ronald F.: *See—*
- Livingston, William D., and King. 2,679,384.
- King-Seely Corp.: *See—*
- Gaskell, Walter L. 2,677,400.
- Gaskell, Walter L. 2,695,638.
- Kiel, Kenneth M.
- Sivacek, Emil E.
- Sivacek, Emil E. 2,679,830.
- Sivacek, Emil E. 2,681,119.
- Sivacek, Emil E. 2,674,447.
- King, Walter C., Lancaster, S. C., and L. L. Leach, Akron, Ohio, assignors to The Babcock & Wilcox Company. Rockleigh, N. J. Air swept ball and ring pulverizer throat and upper ring construction. 2,670,138, Feb. 23.
- King, William A. 2,674,223, Cl. 118—16.
- King, William F.: *See—*
- Van Degrift, Thomas C., and King. 2,675,700.
- King, William J., to Colgate-Palmolive Co. 2,689,170, Cl. 167—93.
- King, William M.: *See—*
- Cunningham, Paul, and King.
- Kingdon, Ralph H.: *See—*
- Jackson, John G., and Kingdon. 2,697,151.
- Kinghorn, Charles M., to Kaiser Aluminum & Chemical Corp. 2,697,772, Cl. 219—10.
- Kingman, Barclay A., to Metal Textile Corp. 2,682,678, Cl. 15—118.
- Kingman, Winslow A. 2,696,673, Cl. 33—60.
- Kingsbury, Edwin F.: *See—*
- Coleman, Robert E., Jr., and Kingsbury. 2,693,734.
- Kingsbury, Edwin F., to Bell Telephone Laboratories, Inc. 2,694,154, Cl. 250—219.
- Kingsbury Machine Works, Inc.: *See—*
- Lakey, Arthur B. 2,691,556.
- Kingsbury, Thomas, Grayslake, assignor to L. B. Sax, Glencoe, Ill. Clinch ring. 2,668,399, Feb. 9.
- Kingsford, Carleton L., to Monsanto Chemical Co. 2,693,427, Cl. 117—56.
- Kingsford, Donald M.: *See—*
- Bowman, Charles L., and Kingsford.
- Bowman, Charles L., and Kingsford. 2,683,315.
- Kingsley, Lewis B.: *See—*
- Criswell, Ralph E. 2,683,937.
- Kingston, Benson M., to The Independent Eastern Torpedo Co., and Shell Development Co. 2,695,671, Cl. 166—67.
- Kingston, Donald L., and B. Leach, to Sylvania Electric Products Inc. 2,683,538, Cl. 214—1.
- Kingston, Fannye L., and D. P. Dean. 2,690,564, Cl. 2—105.
- Kingston, Jonas A., assignor to Gascoignes (Reading) Ltd. 2,678,627, Cl. 119—14.11.
- Kingston Products Corp.: *See—*
- Drury, Thomas W. 2,689,700.
- Kingston, Walter E., I. N. Zavarine, and C. E. Bussert, said Bussert to Armco Steel Corp., said Kingston and said Zavarine to Sylvania Electric Products, Inc. 2,697,869, Cl. 29—189.
- Kingston, Willard L., Lucerne, Calif. Expansion joint for pipe lines. 2,667,899, Feb. 2.
- Kinish, Arthur R., to American Seal-Rite Corp. 2,688,165, Cl. 20—52.4.
- Kinhead, Robert S., St. Paul, Minn. Mower having integral frame. 2,671,300, Mar. 9.
- Kinker, Lewis F., assignor of fifty per cent to J. Tod, Burlington, Iowa. Door stop and holder. 2,669,475, Feb. 16.
- Kinley, John C.: *See—*
- Kinley, Myron M., and J. C.
- Kinley, Myron M., and J. C. Kinley, Houston, Tex. Device for making permanent records. 2,665,187, Jan. 5.
- Kinn, Theodore P., to Westinghouse Electric Corp. 2,693,537, Cl. 250—36.
- Kinn, Theodore P., E. M. Wharff, Jr., and M. P. Vore, to Westinghouse Electric Corp. 2,686,251, Cl. 219—10.75.
- Kinnaman, Edward B.: *See—*
- Shoiket, Henry N., Kinnaman, and Trotter. 2,683,780.
- Kinnard, Wolcott S., Milwaukee, Wis. Tripod with lockable helical-spiral legs. 2,670,918, Mar. 2.
- Kinne, Tempel L., assignor to John E. Mitchell Company, Dallas, Tex. Cotton harvesting machine. 2,669,822, Feb. 23.
- Kinnear, Francis L., to Bartrev Ltd. 2,689,597, Cl. 154—1.
- Kinney, J. Warren, Jr., assignee: *See—*
- McMath, Marl. 2,678,417.
- Kinney, Lawrence W., and J. H. Grace, to J. W. Greer Co. 2,685,955, Cl. 198—34.
- Kinney Manufacturing Company, assignee: *See—*
- Bowering, Henry G.
- Kinney, Robert J. 2,683,461, Cl. 135—45.
- Kinnon, Livious W. 2,682,106, Cl. 30—121.
- Kinraide, Thomas R.: *See—*
- Darby, Paul F., Kinraide, Hentschel, and Hammond.
- Kinsella, John. 2,687,892, Cl. 275—15.
- Kinsey, Eugene E.: *See—*
- Beams, Jesse W., Kinsey, and Snoddy. 2,691,306.
- Kinsinger, Andrew S., to Glime Industries, Inc. 2,692,092, Cl. 242—85.
- Kinsley, Thomas G., Plainfield, and W. P. Mason, West Orange, N. J., assignors to Bell Telephone Laboratories Incorporated, New York, N. Y. Frequency station calling system using bifurcated piezoelectric elements. 2,666,196, Jan. 12.
- Kinsman, Clarence W. 2,687,896, Cl. 280—81.
- Kintz, Delbert A.: *See—*
- Zitza, Curt L., and Kintz. 2,694,583.
- Kintzing, Reese T.: *See—*
- Immel, Ralph B., and Kintzing. 2,679,077.
- Kinzbach, Robert B., Houston, Tex. Casing scraper. 2,670,046, Feb. 23.
- Kinzer, John P.: *See—*
- Brehm, Harold B., Kinzer, Smith, and Wilson. 2,680,162.
- Kinzer, John P., R. W. Marshall, and I. G. Wilson, to Bell Telephone Laboratories, Inc. 2,694,186, Cl. 333—73.
- Kipnis, Abraham. 2,684,302, Cl. 99—92.
- Kipp, Leonard J., Marysville, Mich. Combined tire inflation and relief valve. 2,672,153, Mar. 16.
- Kipper, Stewart A., assignor, by mesne assignments, to K. A. Wright. 2,674,317, Cl. 166—18.
- Kipton Industries, Inc., assignee: *See—*
- Sandrock, Paul W., and Fratz.
- Kiraly, Louis A.: *See—*
- Lengyel, Paul T., and Kiraly. 2,694,432.
- Kirby, Benjamin B. 2,694,269, Cl. 40—42.
- Kirby, Chester E. 2,698,161, Cl. 254—130.
- Kirby, David. 2,682,187, Cl. 81—6.
- Kirby, Frank J., and W. E. Vore, Inyokern, China Lake, Calif. Variable resistance acceleration sensitive device. 2,665,896, Jan. 12.
- Kirby, Guy M., assignee: *See—*
- Warren, Madden M.
- Kirby, Herbert R. 2,686,328, Cl. 15—229.
- Kirby, James B., West Richfield, assignor to The Apex Electrical Manufacturing Co., Cleveland, Ohio. Wobbling basket type clothes-washing machine. 2,672,744, Mar. 23.
- Kirby, James B., to The Apex Electrical Mfg. Co., as trustee. 2,683,364, Cl. 68—23.
- Kirby, James B. 2,691,986, Cl. 134—58.
- Kirby, James B. 2,694,282, Cl. 56—26.5.
- Kirby, James E.: *See—*
- Forshey, William O., Jr., and Kirby. 2,680,112.
- Kirby, John H., II, Houston, Tex. Magnetic fishing tool. 2,668,077, Feb. 2.
- Kirby, Michael J., 1/2 to R. H. Filmer Ltd. 2,690,866, Cl. 229—28.
- Kirby, Wayne B. 2,691,978, Cl. 128—57.
- Kirchel, Alan A.: *See—*
- Cannon, Frank H., and Kirchel.
- Kircher, Heinrich: *See—*
- Müller, Wilhelm, and Kircher.
- Kircher, John C., Jr., Mountain View, Calif. Grass catcher for lawn mowers. 2,668,411, Feb. 9.
- Kircher, Nevin W., to The Standard Oil Co. 2,684,875, Cl. 304—1.
- Kircher, Paul J., to Landers, Frary & Clark. 2,690,853, Cl. 220—15.
- Kircher, Ralph N., to West Bend Aluminum Co. 2,696,411, Cl. 308—35.

- Kircher, Raymond J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone signaling system. 2,666,812, Jan. 19.
- Kirchner, George J., to United States Steel Corp. 2,684,027, Cl. 101—123.
- Kirchner, Herman C., assignor to W. M. Cissell Manufacturing Company, Incorporated, Louisville, Ky. Double jet spray gun. 2,668,083, Feb. 2.
- Kirinec, Stephen M.: *See*—
Consoldane, Anthony V., Jones, Kirinec, and Ward. 2,678,230.
- Kirk, Alva M., assignor of 4% to J. S. Holmes, 21% to H. Bunch, 21% to D. Teaster, 3% to P. T. Russell, and 3% to J. J. Erickson. 2,674,095, Cl. 60—54.5.
- Kirk, Alva M., assignor of 4% to J. S. Holmes, 21% to H. Bunch, 21% to D. Teaster, 3% to P. T. Russell, and 3% to J. J. Erickson. 2,674,097, Cl. 60—54.6.
- Kirk, Chester H., Jr., to American Tube Products, Inc. 2,695,753, Cl. 237—8.
- Kirk, Colin J., and C. D. P. Smallpeice, assignors to Smallpeice Limited. 2,678,027, Cl. 121—38.
- Kirk, James C., and E. R. Baker, to Continental Oil Co. 2,682,553, Cl. 260—451.
- Kirk, Melvin B.: *See*—
Poole, Arthur E., and Kirk. 2,675,213.
- Kirk, Theodore H. 2,697,346, Cl. 73—72.
- Kirk, Walter B., to Westinghouse Air Brake Co. 2,697,013, Cl. 303—60.
- Kirk, Wilbert J. E.: *See*—
Enzmann, Ralph, Lauring, and Kirk. 2,684,093.
- Kirkbride, Chalmers G., assignor to Houdry Process Corporation. 2,676,852, Cl. 302—53.
- Kirkbride, John F.: *See*—
Larson, Thorvald H., Mayer, Pfafman, Cook, and Kirkbride. 2,696,355.
- Kirkbride, John F., and C. E. Pfafman, assignors to Boeing Airplane Company. 2,677,512, Cl. 244—42.
- Kirkby, Henry W., and C. Sykes, to Firth-Vickers Stainless Steels Ltd. 2,693,413, Cl. 75—128.
- Kirkby, Norman O.: *See*—
Russell, Edward A., and Kirkby. 2,694,527.
- Kirkegaard, George, assignor of 10% to L. C. Krazinski. 2,676,954, Cl. 260—89.5.
- Kirkman, Robert A., assignor to Cook Electric Company. 2,677,058, Cl. 250—36.
- Kirkness, Robert H., assignor to Hazeltine Research, Inc. 2,675,423, Cl. 178—7.3.
- Kirkpatrick, Alton, to Stone & Webster Engineering Corp. 2,697,790, Cl. 290—52.
- Kirkpatrick, Arthur H., assignor to Frederic B. Stevens Incorporated, Detroit, Mich. Drying apparatus. 2,666,995, Jan. 26.
- Kirkpatrick, Henry O., to Union Asbestos & Rubber Co. 2,696,084, Cl. 62—3.
- Kirkpatrick, Joseph W. 2,674,182, Cl. 100—288.
- Kirkpatrick, William O., to E. R. Wagner Mfg. Co. 2,684,736, Cl. 190—58.
- Kirksey, Frank B., to Dant & Russell, Inc. 2,690,594, Cl. 18—55.
- Kirkwood, Loren R., to Radio Corp. of America. 2,687,493, Cl. 315—13.
- Kirsch, Carl W., Canton, assignor to The Hoover Company, North Canton, Ohio. Machine for removing insulation from the ends of wound armature wires. 2,671,913, Mar. 16.
- Kirsch, Carl W., assignor to The Hoover Company. 2,678,245, Cl. 308—187.1.
- Kirsch Co.: *See*—
Moyer, Robert P. 2,674,305.
- Moyer, Robert P., and Stoeckle. 2,696,358.
- Kirsch, Louis. 2,696,794, Cl. 112—197.
- Kirsch, Louis. 2,696,795, Cl. 112—262.
- Kirsch, William A., and C. M. Beistel, to Westinghouse Electric Corp. 2,689,936, Cl. 322—28.
- Kirschbaum, M. L., assignee: *See*—
Witter, Melvin L. 2,674,258.
- Kirschbaum, Robert, assignee: *See*—
Witter, Melvin L. 2,674,258.
- Kirschenbauer, Hans G., to Colgate-Palmolive Co. 2,682,549, Cl. 260—409.
- Kirschenbaum, Isidor, to Standard Oil Development Co. 2,682,495, Cl. 196—50.
- Kirshenbaum, Abraham D.: *See*—
Bartlett, Jeffrey H., Kirshenbaum, and Rudel. 2,680,094.
- Kirshenbaum, Abraham D., Philadelphia, Pa., and J. M. Boyle, Bayonne, N. J., assignors to Standard Oil Development Company. Lubricating oil composition. 2,673,839, Mar. 30.
- Kirshenbaum, Isidor: *See*—
Kearby, Kenneth K., Kirshenbaum, and Smith. 2,678,904.
- Kirshenbaum, Isidor, and G. R. Gilbert, assignors to Standard Oil Development Company. 2,677,649, Cl. 196—50.
- Kirshenbaum, Isidor, and K. K. Kearby, to Standard Oil Development Co. 2,686,196, Cl. 260—449.6.
- Kirshenbaum, Isidor, and C. W. Skarstrom, to Standard Oil Development Co. 2,686,210, Cl. 260—683.15.
- Kirsner, Isaac. 2,678,754, Cl. 222—100.
- Kirsten, Kurt F. J. 2,679,848, Cl. 131—182.
- Kiser, Clifford O., to J. I. Case Co. 2,693,748, Cl. 97—54.
- Kiser, Clifford O., and L. E. Hawse, assignors to J. I. Case Company. 2,679,263, Cl. 137—621.
- Kish, Arthur S.: *See*—
Ziberl, Frank, and Kish. 2,687,724.
- Kish Plastic Products, Inc.: *See*—
Kish, Steven P. 2,682,111.
- Kish, Steven P. 2,694,863.
- Kish, Steven P., to Kish Plastic Products, Inc. 2,682,111, Cl. 33—174.
- Kish, Steven P., to Kish Plastic Products, Inc. 2,694,863, Cl. 33—174.
- Kishel, Joseph S., assignee: *See*—
Zielinski, Edward A.
- Kishi, Hajime J.: *See*—
Liguori, Anthony, Shenk, and Kishi. 2,688,051.
- Kishline, Floyd F., and J. S. Voigt, to Nash-Kelvinator Corp. 2,696,388, Cl. 280—106.5.
- Kishpaugh, Claude B., and R. C. Bennett, Sr. 2,695,119, Cl. 222—494.
- Kislig, Ernest. 2,684,679, Cl. 132—31.
- Kissam, Philip: *See*—
Keuffel, Carl W., Kissam, and Baker. 2,679,181.
- Kisselle, John M., Detroit, assignor to Copeman Laboratories Company, Flint, Mich. Ice tray grid. 2,671,321, Mar. 9.
- Kissick, Hugh D. 2,680,234, Cl. 339—49.
- Kistiakowsky, George B.: *See*—
Fisher, Howard J., MacDougall, and Kistiakowsky.
- Kistiakowsky, George B., G. D. Halsey, Jr., M. E. Malin, and H. T. Knight, to Godfrey L. Cabot, Inc. 2,690,960, Cl. 23—209.7.
- Kistler, Howard M. and W. H. 2,696,056, Cl. 35—29.
- Kistler, Samuel S., assignor to Norton Company. 2,679,545, Cl. 13—20.
- Kistler, Samuel S., assignor to Norton Company. 2,680,771, Cl. 13—22.
- Kistler, Samuel S., to Norton Co. 2,681,260, Cl. 309—3.
- Kistler, Samuel S., to Norton Co. 2,696,425, Cl. 23—140.
- Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Cylindrical liner. 2,673,131, Mar. 23.
- Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Induction furnace with high-temperature resistor. 2,673,228, Mar. 23.
- Kistler, William H.: *See*—
Kistler, Howard M. and W. H. 2,696,056.
- Kistner, Harold J.: *See*—
Furman, Frank J., Kistner, and Read. 2,687,250.
- Kistner, Merrill M. 2,693,651, Cl. 38—77.
- Kitchen, Kenneth J.: *See*—
Swenson, Marcus O. and P. F. 2,692,759.
- Kitchens, Gary C.: *See*—
Kunz, Eric C., Weston, Jennison, Sweet, and Kitchens.
- Kite, Francis E., Riverside, Ill., assignor to Corn Products Refining Company, New York, N. Y. Preparation of beta-dextrose by melting and crystallizing. 2,669,530, Feb. 16.
- Kitovich, Estelle F., to The Electric Game Co. 2,698,181, Cl. 273—143.
- Kittelton, Edward. 2,688,226, Cl. 56—192.
- Kitto, William H., Evanston, Ill., assignor to The Hoover Company, North Canton, Ohio. Conversion arrangement for suction cleaners. 2,664,587, Jan. 5.
- Kitto, William H., assignor to The Hoover Company. 2,677,848, Cl. 15—333.
- Kittredge, Arthur E., to American Water Softener Co. 2,689,018, Cl. 183—2.5.
- Kittredge, Arthur E. 2,696,465, Cl. 202—185.
- Kittredge, George D., to Phillips Petroleum Co. 2,696,708, Cl. 60—35.4.
- Kitts, Harry R. 2,674,663, Cl. 200—31.
- Kitzinger, Charlotte: *See*—
Benzinger, Theodor H., and Kitzinger.
- Kivari, Arthur M., and E. M. Kelly, assignors to Process Engineers Incorporated. 2,679,477, Cl. 210—3.
- Kivell, Wayne A., Bronxville, N. Y., and R. S. Rankin, assignors to The Dorr Company, Stamford, Conn. Clarification treatment of solids carrying liquid and apparatus therefor. 2,669,357, Feb. 16.
- Kizaur, Arthur J., to General Electric Co. 2,696,634, Cl. 18—1.
- Kizer, Charles W., and S. R. Walstrom, to Superior Separator Co. 2,689,055, Cl. 56—474.
- Kizis, Joseph A., South Windsor, Conn. Tobacco elevator. 2,670,094, Feb. 23.
- Klackner, Herman H., to The Falk Corp. 2,687,784, Cl. 184—104.
- Klager, Karl, Monrovia, Calif. Dinitrobutyrates. 2,668,176, Feb. 2.
- Klages, Henry W. 2,692,447, Cl. 37—144.
- Klages, Reynold E., assignor to The Columbus Auto Parts Company. 2,678,841, Cl. 287—90.
- Klages, Henry C., and H. E. Steinberg, assignors to The Esterbrook Pen Company. 2,678,635, Cl. 120—57.
- Klain, Benjamin V.: *See*—
Miller, Elwood A., and Klain. 2,676,643.
- Klain, Paul, assignor to The Dow Chemical Company, Midland, Mich. Soft soldering magnesium. 2,672,681, Mar. 23.
- Klain, Paul, to The Dow Chemical Co. 2,691,603, Cl. 117—52.
- Klamp, Paul: *See*—
Mullen, Edward, and Klamp. 2,689,036.
- Klamp, Paul, assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Overload protector. 2,667,050, Jan. 26.

- Klamp, Paul. 2,691,435, Cl. 192—45.1.
 Klangfilm Gesellschaft mit beschränkter Haftung: See—
 Friess, Hans.
 Kammerer, Ernst. 2,697,812.
 Klarer, Josef: See—
 Behnisch, Robert, and Klarer. 2,696,454.
 Klarer, Joseph: See—
 Behnisch, Robert, and Klarer. 2,696,491.
 Klarman, Karl J.: See—
 Konet, Henry, and Klarman. 2,674,891.
 Klas, Harold W., Lansing, Mich. Paired towing means for antitorpedo devices. 2,668,512, Feb. 9.
 Klas, Harold W. 2,686,025, Cl. 244—138.
 Klasing, Charles L., Jr., and L. W. Chandler, to Klasing Hand Brake Co. 2,694,944, Cl. 74—505.
 Klasing Hand Brake Co.: See—
 Klasing, Charles L., Jr., and Chandler. 2,694,944.
 Klatte, Theodor, assignee: See—
 Nübling, Otto.
 Klaue, Hermann. 2,683,497, Cl. 180—54.
 Klaus, Karl: See—
 Meuller, William G., Cherepow, Barts, and Klaus. 2,692,074.
 Klausman, James H., and W. Nutt, to E. Schulthess. 2,695,188, Cl. 294—61.
 Klausner, Joseph E.: See—
 Bachman, Fred E., and Klausner. 2,691,431.
 Klaus, Ralph E., to Eastman Kodak Co. 2,688,189, Cl. 33—19.
 Klaybor, Leonard V., Dunkirk, N. Y., assignor to Allegheny Ludlum Steel Corporation, Brackenridge, Pa. Hot work steel alloy. 2,665,205, Jan. 5.
 Klebanoff, Michael, M. N. Glickman, and P. Sitzler, said Sitzler assignor to said Klebanoff and said Glickman. 2,674,730, Cl. 340—252.
 Kleeman, Harold B. 2,682,255, Cl. 119—51.
 Kleen, Werner: See—
 Warnecke, Robert, Bernier, Guénard, and Kleen. 2,687,777.
 Warnecke, Robert, and Kleen. 2,681,951.
 Kleene, Richard D., and W. B. Hughes, to Cities Service Research and Development Co. 2,698,341, Cl. 260—496.
 Kleibacker, Wilson M.: See—
 Putnam, Robert C., and Kleibacker. 2,676,870.
 Kleibacker, Wilson M., to United Shoe Machinery Corp. 2,696,476, Cl. 260—5.
 Kleiger, Sarah C., and H. J. Hugos, Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Polymeric magenta color former. 2,671,021, Mar. 2.
 Kleimack, Joseph J.: See—
 Domaleski, Joseph V., Gartland, and Kleimack. 2,688,110.
 Kleiman, Morton: See—
 Polen, Percy B., Kleiman, and Fechter.
 Kleiman, Morton, to Arvey Corp. 2,697,089, Cl. 260—46.5.
 Kleiman, Morton, to Arvey Corp. 2,697,101, Cl. 260—326.
 Kleiman, Morton, and A. Goldman, Chicago, Ill., assignors to Arvey Corporation. Production of insecticidal composition of matter. 2,672,486, Mar. 16.
 Klein, Arthur L.: See—
 Gow, Kenneth P., and Klein.
 Klein, Carroll J., assignee: See—
 Corpeny, Elbert J.
 Klein, Chris. R. C. Skarin, and W. G. Tinker, to The Petersen Oven Co. 2,691,432, Cl. 189—34.
 Klein, Clarence F., assignor to Frankenberg Bros., Inc. 2,676,731, Cl. 220—113.
 Klein, David X., and M. N. Curgan, to Heyden Chemical Corp. 2,692,203, Cl. 106—15.
 Klein, Edward F.: See—
 Schicks, George C., and Klein. 2,688,553.
 Klein, Edwin J., and G. E. 2,695,630, Cl. 138—46.5.
 Klein, Elemer, Tel-Aviv, Israel. Method of and composition for the protection of grain. 2,673,158, Mar. 23.
 Klein, Ernest. 2,685,734, Cl. 30—144.
 Klein, Ernesto: See—
 Giorgi, Rodolfo B., Klein, Unkel, and Giorgi.
 Klein, Ernst: See—
 Luhrmann, Fritz, and Klein. 2,690,706.
 Klein, George F. 2,683,036, Cl. 273—80.
 Klein, Gordon E.: See—
 Klein, Edwin J., and G. E. 2,695,630.
 Klein, Howard C., and R. Kapp, to Nopco Chemical Co. 2,688,027, Cl. 260—343.6.
 Klein, Joseph. 2,693,837, Cl. 150—42.
 Klein, Joseph J.: See—
 Lamb, Miles A., and Klein. 2,686,139.
 Klein, Joseph J., to Chicago Pump Co. 2,686,138, Cl. 134—15.
 Klein, Louis M. 2,680,543, Cl. 223—91.
 Klein, Morris: See—
 Fleming, William M., and Klein. 2,678,591.
 Klein, Norman E., Garden City, N. Y. Planetary movement. 2,666,188, Jan. 12.
 Klein, Norman E., Stamford, Conn., assignor to Deering Milliken Research Trust, New York, N. Y. Tension device. 2,667,313, Jan. 26.
 Klein, Norman E., Stamford, assignor to Deering Milliken Research Trust, Greenwich, Conn. Winding machine. 2,668,671, Feb. 9.
 Klein, Norman E., Pendleton, S. C., assignor to Deering Milliken Research Trust, New York, N. Y. Winding machine. 2,668,672, Feb. 9.
 Klein, Norman E., assignor to Deering Milliken Research Trust. 2,678,780, Cl. 242—118.
 Klein, Norman E., Stamford, assignor to Deering Milliken Research Trust, Greenwich, Conn. Yarn twisting and tensioning device. 2,671,305, Mar. 9.
 Klein, Norman E., to Deering Milliken Research Trust. 2,697,560, Cl. 242—32.
 Klein, Ralph A.: See—
 North, Gerald C., Klein, and Noznick.
 Klein, Victor G., to Lincoln Engineering Co. 2,698,190, Cl. 285—86.
 Klein, Victor G., and C. H. Mueller, to Lincoln Engineering Co. 2,686,476, Cl. 103—2.
 Klein, Walter L., Chicago, Ill. Receptacle. 2,667,198, Jan. 26.
 Klein, William. 2,693,746, Cl. 97—10.
 Klein, William C.: See—
 Lebedeff, Yurii E., Klein, and Stone. 2,695,228.
 Klein, William F., ¼ to E. W. Huschka. 2,684,619, Cl. 97—201.
 Kleindienst & Co., offene Handelsgesellschaft, assignee: See—
 Petrich, Erwin.
 Kleinekathöfer, Felix. 2,679,650, Cl. 3—27.
 Kleiner, Joseph J.: See—
 Adams, John Q., and Kleiner. 2,689,562.
 Adams, John Q., and Kleiner. 2,689,564.
 Kleinhans, Schuyler: See—
 Farr, Alton E., and Kleinhans. 2,696,956.
 Kleinholz, Milton P., East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Prevention of rust. 2,667,408, Jan. 26.
 Kleinlein, Fritz, and M. Bernhardt, to Maschinenfabrik Paul Leistritz. 2,686,336, Cl. 18—12.
 Kleinman, Harry. 2,696,989, Cl. 280—11.27.
 Kleinmann, Earl E.: See—
 Lupfer, Dale E., Kleinmann, and Eddy.
 Kleinpeter, Edward W., to Ethyl Corp. 2,690,374, Cl. 346—62.
 Kleinschmidt, Edward E. 2,689,272, Cl. 178—33.
 Kleinschmidt, Roger F., to General Aniline & Film Corp. 2,693,489, Cl. 260—513.
 Kleis, John D., Lake Forest, assignor to Fansteel Metallurgical Corporation, North Chicago, Ill. Electrical contact. 2,664,618, Jan. 5.
 Kleist, Herman W., to Dole Refrigerating Co. 2,690,653, Cl. 62—126.
 Klema, Harlow, and C. L. Qualler, to George Gorton Machine Co. 2,682,239, Cl. 112—102.
 Klemm, Edwin O., Saginaw, Mich. Prefabricated building construction. 2,666,233, Jan. 19.
 Klemm, Herman G., to Harry Ferguson, Inc. 2,692,008, Cl. 155—51.
 Klemm, Herman G., Birmingham, and R. W. Hautzenroeder, assignors to Harry Ferguson, Inc., Detroit, Mich. Air intake system for tractors. 2,671,521, Mar. 9.
 Klemm, William F.: See—
 Lewis, Albert, and Klemm. 2,674,935.
 Klemm, William F., Detroit, Mich. Cable and reel for lowering objects of different weight at constant speed. 2,668,036, Feb. 2.
 Klemperer, Hans, Belmont, Mass., assignor to The Air Preheater Corporation, New York, N. Y. Voltage control in precipitators. 2,672,947, Mar. 23.
 Klemt, Günter, and K. H. Macher, to Jos. Schneider & Co. 2,683,395, Cl. 88—57.
 Klemt, Günter, and K. H. Macher, to Jos. Schneider & Co. 2,683,396, Cl. 88—57.
 Klemt, Günter, and K. H. Macher, to Jos. Schneider & Co. 2,683,398, Cl. 88—57.
 Klenk, Karl J., Wilmington, Del. Reciprocating power mower, steered by walking attendant. 2,668,408, Feb. 9.
 Klepetko, Ernest, and P. de B. Kaye, to Combined Metals Reduction Co. 2,689,176, Cl. 75—8.
 Klessig, Ernst F., assignor to Vickers Incorporated. 2,676,463, Cl. 60—52.
 Klessig, Ernst F., and G. M. Jones, assignors to Vickers Incorporated. 2,676,466, Cl. 60—97.
 Klessig, Ernst F., and G. M. Jones, to Vickers Inc. 2,681,045, Cl. 121—41.
 Klett, Erich, to Robert Bosch G. m. b. H. 2,685,042, Cl. 310—50.
 Kliever, Clarence B., Elk River, Minn. Delayed action attachment for printing press grippers. 2,669,180, Feb. 16.
 Kliever, Waldo H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Compass system. 2,666,268, Jan. 19.
 Kliever, Waldo H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combustion control apparatus. 2,666,584, Jan. 19.
 Kliever, Waldo H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Molded resistance device. 2,668,932, Feb. 9.
 Kliever, Waldo H., assignor to Minneapolis-Honeywell Regulator Company. 2,674,883, Cl. 73—360.
 Kliever, Waldo H., assignor to Minneapolis-Honeywell Regulator Company. 2,677,513, Cl. 244—77.
 Kliever, Waldo H., and L. G. Ekman, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fire alarm tape. 2,670,419, Feb. 23.
 Klijzing, Daniël, and K. Idema, to De Directie van de Staatsmijnen in Limburg, handelend voor en namens de Staat der Nederlanden. 2,694,989, Cl. 110—29.

- Klijzing, Daniël, and K. Idema, to De Directie van de Staatsmijnen in Limburg, handelend voor en namens de Staat der Nederlanden. 2,694,990, Cl. 110—29.
- Klijzing, Daniël, and K. Idema, to De Directie van de Staatsmijnen in Limburg, handelend voor en namens de Staat der Nederlanden. 2,695,010, Cl. 122—30.
- Kline, Bernard L., to The Western Union Telegraph Co. 2,681,309, Cl. 204—2.
- Kline, Evron L.: *See*—
- Roach, James E. 2,682,273.
- Kline, Jack, and A. D. La Rue, to Raytheon Mfg. Co. 2,698,421, Cl. 333—73.
- Kline, Theodore S., and G. K. Rogers, Sacramento, Calif. Chain sprocket with selective welded hub. 2,673,471, Mar. 30.
- Kline, William A., Morris Plains, J. A. Monick, Teaneck, and E. E. Tarika, East Orange, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Apparatus for agitating materials. 2,668,694, Feb. 9.
- Kline, William H. J.: *See*—
- Hyer, William F., Kline, and Upham. 2,681,904.
- Klinefelter, John H. 2,697,584, Cl. 254—121.
- Kling, August, to Badische Anilin-Soda-Fabrik Aktiengesellschaft. 2,685,534, Cl. 117—72.
- Kling, Olaf E., Chicago, and J. P. Jorgenson, Wilmette, Ill. Washing machine with end dump doors. 2,667,777, Feb. 2.
- Kling, Robert W., assignor to Athey Products Corporation, Chicago, Ill. Power operated conveyer-type loading machine. 2,669,338, Feb. 16.
- Kling, Robert W., to Athey Products Corp. 2,686,079, Cl. 298—18.
- Kling, Wilbert F., Detroit, Mich. Bowling alley pin setting apparatus. 2,668,712, Feb. 9.
- Klingel, Arthur R., Jr., to The Standard Oil Co. 2,695,824, Cl. 309—8.
- Klingel, Arthur R., Jr., to The Standard Oil Co. 2,698,265, Cl. 134—7.
- Klingel, John B.: *See*—
- Strong, Herbert W., Trethewey, and Klingel. 2,686,280.
- Klingel, John B., assignor to Struthers Wells Corporation. 2,677,504, Cl. 241—17.
- Klingsens, Cornelis, to U. S. Slicing Machine Co., Inc. 2,691,397, Cl. 146—102.
- Klingsens, Cornelis, to U. S. Slicing Machine Co., Inc. 2,691,398, Cl. 146—102.
- Klingler, Martin L., to Aircraft-Marine Products, Inc. 2,684,003, Cl. 81—15.
- Klingner, Adolph F., and W. H. Balentine, Hellertown, Pa., assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Glow plug for compression-ignition engines. 2,672,546, Mar. 16.
- Klingsberg, Erwin, and D. Papa, assignors to Schering Corporation. 2,676,969, Cl. 260—294.8.
- Klinkhamer, Jacob F.: *See*—
- Van der Burgt, Cornelis M., and Klinkhamer. 2,692,344.
- Klinzing, August F., Milwaukee, Wis. Barn gutter cleaner. 2,672,970, Mar. 23.
- Klion, Sanford J.: *See*—
- Segal, Robert H., Klion, Herbst, and Peckjian. 2,696,753.
- Klix, Richard V. 2,683,440, Cl. 119—52.
- Knöckner-Humboldt-Deutz Aktiengesellschaft: *See*—
- Dietrich, Otto. 2,684,897.
- Flatz, Emil, and Hövel. 2,691,366.
- Flatz, Emil, Hövel, and Cordier. 2,687,714.
- Klohn, Ulrico G. I., assignee: *See*—
- Steuer, Werner, and Rang. 2,679,101.
- Klomp, Alfred W., to Process Gear and Machine Co. 2,681,596, Cl. 90—20.
- Klohs, Daniel W., Clifton, N. J., assignor to Sun Chemical Corporation, Long Island City, N. Y. Decorative translucent products and preparation thereof. 2,671,738, Mar. 9.
- Klopp, Friedrich. 2,697,383, Cl. 90—40.
- Klopp, Friedrich. 2,697,500, Cl. 192—4.
- Klöpping, Carel P., to Hartford National Bank and Trust Co. 2,695,442, Cl. 29—25.16.
- Klose, Alfred J., to G. M. Giannini & Co. Inc. 2,685,421, Cl. 244—74.
- Klose, Helen, administratrix: *See*—
- Klose, Milton E. C.
- Klose, Milton E. C., deceased, Manitowoc, Wis.; H. Klose, administratrix of said M. E. C. Klose. Structural unit. 2,668,992, Feb. 16.
- Klostermann, Curt W.: *See*—
- Oskerka, Nick, Jr. 2,688,737.
- Klostermann, Curt W., assignor to American Phenolic Corporation, Chicago, Ill. Lightning arrester. 2,666,908, Jan. 19.
- Klostermann, Curt W., assignor to American Phenolic Corporation, Chicago, Ill. Sealed connector. 2,669,702, Feb. 16.
- Klotz, Lyell J., and J. B. Vaughan, to Lloyd Brothers, Inc. 2,686,145, Cl. 167—65.
- Klotz, Robert L., Jr., to Seismograph Service Corp. 2,683,414, Cl. 102—24.
- Klotzbach, Günter A.: *See*—
- Hüttemann, Paul F., Klotzbach, Vorwerk, and Gallai-Hatchard. 2,693,666.
- Klover, John M., to General Motors Corp. 2,686,458, Cl. 90—57.
- Klug, Clarence, assignor, by mesne assignments, to Alexander H. Kerr and Company, Incorporated, Los Angeles, Calif. Apparatus for the heat treatment of fabrics. 2,665,125, Jan. 5.
- Kluge, Abel, Woodbury Township, Washington County, assignor to Brandtjen and Kluge, Inc., St. Paul, Minn. Chase hook for printing presses. 2,670,680, Mar. 2.
- Kluge, Abel, assignor to Brandtjen and Kluge, Inc. 2,674,187, Cl. 101—413.
- Kluge, Herman D., Wappingers Falls, and F. W. Moore, Fishkill, assignors to The Texas Company, New York, N. Y. Hydroxy aromatic hydrocarbon-olefin polymer alkylation with $\text{AlCl}_3\text{HSO}_4$ catalyst. 2,671,117, Mar. 2.
- Klugh, Bethune G., and R. N. Weston, assignors to Monsanto Chemical Company. 2,675,307, Cl. 75—28.
- Klugh, Bethune G., deceased, and R. N. Weston, to Monsanto Chemical Co. 2,695,221, Cl. 23—313.
- Klumb, George H., assignor to Culligan, Inc. 2,677,655, Cl. 204—197.
- Klumb, George H., to Culligan, Inc. 2,698,293, Cl. 210—24.
- Klump, Ferdinand, Jr. 2,675,529, Cl. 339—62.
- Kmiecik, Thaddeus C., and K. T. Farrell. 2,696,441, Cl. 99—147.
- Kmiecik, Leopold J., assignor to McDonnell & Miller, Inc., Chicago, Ill. Thermostatic valve. 2,668,663, Feb. 9.
- Kmiecik, Leopold J., assignor to McDonnell & Miller, Inc., Chicago, Ill. Level controlled switch mechanism. 2,671,834, Mar. 9.
- Kmiecik, Leopold J., to McDonnell & Miller, Inc. 2,695,032, Cl. 137—469.
- Kmjecik, Leopold J., and L. O. Hegstad, to McDonnell & Miller, Inc. 2,693,817, Cl. 137—443.
- Kmiecik, Leopold J., and L. O. Hegstad, assignors to McDonnell & Miller, Inc. 2,674,475, Cl. 286—36.
- Kmit, John: *See*—
- Denker, Charles T., and Kmit. 2,677,502.
- Kmonk, Stanley, Jr.: *See*—
- Immel, Ralph B., Pierce, and Kmonk.
- Knab, Albert: *See*—
- Knab, Fred L., Sr. 2,694,644.
- Knab, Fred, Jr.: *See*—
- Knab, Fred L., Sr. 2,694,644.
- Knab, Fred L., Sr., to A. Knab, and F. Knab, Jr. 2,694,644, Cl. 99—138.
- Knaggs, Edward A.: *See*—
- Sanders, Herbert L., Knaggs, and Nussbaum. 2,696,453.
- Knapik, John, assignor to H. T. Kelsh. 2,678,583, Cl. 88—24.
- Knapman, Gordon W., and M. J. Nathason. 2,684,307, Cl. 117—61.
- Knapp, Andrew S., and C. D. Visos, to Knapp-Monarch Co. 2,697,164, Cl. 219—39.
- Knapp, Harry M., to Bell Telephone Laboratories, Inc. 2,682,584, Cl. 200—104.
- Knapp, Harry M., and C. F. Spahn, Jr., to Bell Telephone Laboratories, Inc. 2,682,585, Cl. 200—104.
- Knapp, James G.: *See*—
- Palma, Joseph, Jr., and Knapp. 2,679,064.
- Palma, Joseph, Jr., and Knapp. 2,685,098.
- Knapp, Kenneth C. 2,675,634, Cl. 37—1.
- Knapp, Maurice A. 2,693,784, Cl. 118—321.
- Knapp-Monarch Co.: *See*—
- Alderfer, Sterling W. 2,693,291.
- Dafforn, Kenneth B., and Huffman.
- Holstein, Alvin W. 2,685,625.
- Huck, Alfred J. 2,675,754.
- Huck, Alfred J. 2,682,602.
- Huck, Alfred J. 2,691,717.
- Huck, Alfred J., and Pass. 2,694,769.
- Huck, Alfred J., and Visos.
- Knapp, Andrew S., and Visos. 2,697,164.
- Knapp, Robert S.
- Knapp, Robert S. 2,694,506.
- Kochner, William B. 2,685,383.
- Lautner, Max E.
- McCarron, Donald F. 2,691,498.
- Moore, Walter E. 2,685,435.
- Tomasek, Herbert F. 2,694,602.
- Knapp, Oswald E.: *See*—
- Ludwig, Thomas E., and Knapp. 2,694,055.
- Ludwig, Thomas E., and Knapp. 2,694,056.
- Knapp, Robert L., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Reaction products of dicyclopentadiene, maleic anhydride, and a glycol, and copolymers thereof. 2,671,070, Mar. 2.
- Knapp, Robert S., assignor to Knapp-Monarch Company, St. Louis, Mo. Pressure bulb and holder. 2,673,004, Mar. 23.
- Knapp, Robert S., to Knapp-Monarch Co. 2,694,506, Cl. 222—5.
- Knapp, Walter C., to Goodman Mfg. Co. 2,689,037, Cl. 198—220.
- Knapp, Walter I. 2,678,050, Cl. 134—57.
- Knapsack-Griesheim Aktiengesellschaft, assignee: *See*—
- Sennewald, Kurt, and Wolfram.
- Walter, Felix. 2,692,815.
- Knarreborg, Leonard P. 2,679,672, Cl. 24—90.
- Knauf, Nicholas T. 2,682,416, Cl. 280—11.35.

- Knauf, Wilhelm, assignor to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate, Braunschweig, Germany. Locking device for photographic camera backs. 2,670,096, Feb. 23.
- Knaus, Nicholas, Cranford, and A. G. Millington, Clifton, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,667,851, Feb. 2.
- Knaus, Nicholas, and A. G. Millington, to The Singer Mfg. Co. 2,682,240, Cl. 112—136.
- Knauss, Harold P., Belmont, Mass. Underwater sound detecting and indicating system. 2,666,191, Jan. 12.
- Knauth, Walter T. 2,697,450, Cl. 138—30.
- Knauth, Walter T. 2,697,451, Cl. 138—30.
- Knecht, Cyrus I.: See—
- Barr, Solomon E., and Knecht. 2,697,689.
- Knecht, Henry. 2,681,216, Cl. 261—78.
- Knecht, Ludwig, to Maschinenfabrik Augsburg-Nürnberg A. G. 2,685,503, Cl. 48—176.
- Knee, Aaron A., assignor to Lance, Inc. 2,679,811, Cl. 107—29.
- Knee, Simon, Newark, N. J. Combination purse or pocket-book. 2,667,199, Jan. 26.
- Kneisel, Otto: See—
- Dahl, Edward T., and Kneisel.
- Knell, Christopher V., Glen Ellyn, assignor to The Goss Printing Press Company, Chicago, Ill. Stereotype finishing machine. 2,664,788, Jan. 5.
- Knepper, Bonnie, De Witt, Iowa. Air conditioning system. 2,669,923, Feb. 23.
- Knerr, Hugh J.: See—
- Burnell, Vincent J., and Knerr. 2,685,420.
- Knibbs, Norman V. S., New Barn, Longfield, England. Heat treatment of finely divided solids. 2,668,041, Feb. 2.
- Knickerbocker, Ivan E. 2,696,605, Cl. 340—213.
- Knickerbocker Plastic Company, Inc., assignee: See—
- Hersey, Walter O. 2,678,753.
- Kniepkamp, Hanns P., assignee: See—
- Kniepkamp, Heinrich E.
- Kniepkamp, Heinrich E., Heilbronn (Neckar), Germany, assignor to H. P. Kniepkamp, Trumansburg, N. Y. Brake. 2,669,326, Feb. 16.
- Kniestadt, Everett C. 2,681,040, Cl. 119—97.
- Knight, Albert B., Jr., to Standard Oil Development Co. 2,691,278, Cl. 62—114.
- Knight, Eugene C.: See—
- Creson, William K., Gagen, and Knight. 2,682,778.
- Knight, Herbert T.: See—
- Kistiakowsky, George B., Halsey, Malin, and Knight. 2,690,960.
- Knight, Horace S.: See—
- Detling, Kenneth D., Knight, and Williamson.
- Knight, James L., assignor to General Electric Company. 2,674,249, Cl. 134—56.
- Knight, Lorne F.: See—
- Pitt, Arnold, and Knight.
- Knight, Lorne F., assignor to Massey-Harris Company Limited, Toronto, Ontario, Canada. Upsetting apparatus. 2,665,359, Jan. 5.
- Knight, Lorne F., assignor to Massey-Harris Company Limited. 2,676,229, Cl. 219—3.
- Knight, Milton A., Clifton, Va. Vent plug and electrolyte leveling device for aircraft storage batteries. 2,665,326, Jan. 5.
- Knight, Philip L., to Surface Combustion Corp. 2,689,722, Cl. 263—20.
- Knight, Raymond W., assignor to G. C. and G. S. Cannon, doing business as Wingland Lumber Co., Bakersfield, Calif. Sliding door suspension device. 2,670,496, Mar. 2.
- Knight, Stanley G., assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Cheese and preparing the same. 2,665,990, Jan. 12.
- Knight, Thomas C., Grosse Pointe Woods, Mich. Camera apparatus, including film winding, shutter setting, and flash lamp switching mechanism. 2,671,387, Mar. 9.
- Knights, James, Company, The, assignee: See—
- Holzrichter, Robert F., and Overbey.
- Knobel, Fritz. 2,679,579, Cl. 240—51.11.
- Knobel, Max, assignor to Winthrop-Atkins Co., Inc. 2,674,308, Cl. 164—12.
- Knobel, Max, to Alves Photo Service, Inc. 2,682,212, Cl. 95—75.
- Knobel, Max. 2,692,498, Cl. 73—37.5.
- Knoble, Jack R.: See—
- Deuel, Robert E., and Knoble. 2,698,174.
- Knobloch, James O.: See—
- Sparks, Joseph W., and Knobloch.
- Knobloch, James O., Hobert, and J. W. Sparks, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Halogen cleavage of ozonides. 2,665,280, Jan. 5.
- Knoblock, Frederick D., to H. T. Knoblock. 2,681,824, Cl. 296—97.
- Knoblock, Hildegard T.: See—
- Knoblock, Frederick D. 2,681,824.
- Knoblock, James W., Queens, N. Y., assignor to The Fryer Company, Dayton, Ohio. Collapsible tube and protective jacket therefor. 2,671,579, Mar. 9.
- Knochel, William J.: See—
- Eber, Mortimer, Knochel, and Gallagher. 2,686,958.
- Werner, Leo C., and Knochel. 2,692,373.
- Knochel, William J., and W. Weingartner, to Westinghouse Electric Corp. 2,688,709, Cl. 313—59.
- Knock Down Tanks Inc., assignee: See—
- Hendon, Harry H., and Van Orman.
- Knocke, Louis T., to Chrysler Corp. 2,687,228, Cl. 220—24.5.
- Knoff, Victor J. 2,681,256, Cl. 302—60.
- Knohl, Friedrich K., assignor to Illinois Tool Works. 2,675,844, Cl. 151—35.
- Knoll, A. G.: See—
- Kallischnigg, Rolf. 2,683,714—5.
- Knoll A.-G. Chemische Fabriken: See—
- Dengel, Ferdinand. 2,695,319.
- Knomark Manufacturing Co. Inc., assignee: See—
- Abrams, Samuel M., and A. 2,674,001.
- Knoploh, Henry W. 2,691,453, Cl. 214—140.
- Knopp, Harold E., and A. F. Batson, to International Harvester Co. 2,688,650, Cl. 174—17.06.
- Knopp, Harold E., and F. G. Majer, to International Harvester Co. 2,694,773, Cl. 240—7.1.
- Knopp, Harold P. 2,691,769, Cl. 339—150.
- Knopp, Louise B., assignee: See—
- Knopp, Otto A.
- Knopp, Otto A. 2,688,117.
- Knopp, Otto A., Oakland, Calif., assignor, by decree of distribution, to L. B. Knopp. Method of and apparatus for the calibration of instrument current transformers. 2,666,895, Jan. 19.
- Knopp, Otto A., deceased; L. B. Knopp, executrix. 2,688,117, Cl. 324—74.
- Knopp, Wallace A., assignor to American Viscose Corporation. 2,678,504, Cl. 34—57.
- Knorr, Fred. 2,692,548, Cl. 98—42.
- Knosp, Robert N., C. E. Linden, and F. O. Wetzel, assignors to The Fosdick Machine Tool Company. 2,674,706, Cl. 318—8.
- Knost, Lloyd H. 2,696,242, Cl. 153—54.
- "Knotex" Maschinenbau G. m. b. H., assignee: See—
- Bär, Max. 2,679,676.
- Knoth, Frederick, Jr.: See—
- Bartlett, Jeffrey H., Knoth, and Stewart. 2,693,493.
- Cohen, Charles A., Mikeska, and Knoth. 2,688,627.
- Cottle, Delmer L., Young, and Knoth. 2,692,233.
- Knott, Donald D., to Allis-Chalmers Mfg. Co. 2,691,540, Cl. 287—52.02.
- Knott, Edward B.: See—
- Aubert, Per, and Knott. 2,692,829.
- Knott, Edward B., to Eastman Kodak Co. 2,691,581, Cl. 95—7.
- Knott, Edward B., to Eastman Kodak Co. 2,694,717, Cl. 260—305.
- Knott, Edward B., to Eastman Kodak Co. 2,697,099, Cl. 260—305.
- Knott, Edward B., to Eastman Kodak Co. 2,697,100, Cl. 260—305.
- Knott, Paul A., 1/2 to J. A. Gray. 2,697,369, Cl. 81—57.
- Knourek, William M. 2,679,869, Cl. 144—6.
- Knowles, Arthur: See—
- Szaloki, Zoltan, Senior, and Knowles.
- Knowles Associates, assignee: See—
- Ried, Robert C.
- Knowles, Dewey D.: See—
- Findlay, John H., and Knowles. 2,683,671.
- Knowles, Dorothy J.: See—
- Knowles, Robert W. 2,693,774.
- Knowles, Edwin C.: See—
- Hess, Howard V., and Knowles. 2,681,369.
- McCoy, Frederic C., Bengel, Knowles, and Towne. 2,674,577.
- Knowles, Fred L. 2,677,369, Cl. 128—92.
- Knowles, M B.: See—
- Bell, Alan, and Knowles. 2,688,625.
- Bell, Alan, and Knowles. 2,692,287.
- Bell, Alan, and Knowles. 2,692,288.
- Bell, Alan, and Knowles. 2,697,111.
- Bell, Alan, Knowles, and Tholstrup. 2,682,474.
- Bell, Alan, Knowles, and Tholstrup. 2,682,563.
- Knowles, Robert B., Maywood, Calif. Lavatory. 2,673,352, Mar. 30.
- Knowles, Robert W., to D. J. Knowles. 2,693,774, Cl. 110—18.
- Knowles, William S., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Triacetoxyl toluene. 2,669,578, Feb. 16.
- Knowles, William S., to Monsanto Chemical Co. 2,689,862, Cl. 260—456.
- Knowles, William S., and J. Dazzi, to Monsanto Chemical Co. 2,683,161, Cl. 260—456.
- Knowles, William S., and J. Dazzi, to Monsanto Chemical Co. 2,684,955, Cl. 260—30.8.
- Knowlton, Cutler D. 2,698,073, Cl. 192—30.
- Knowlton, Richard E.: See—
- Musselman, John M., and Knowlton. 2,698,296.
- Shull, Karl L., Roberson, and Knowlton. 2,679,507.
- Knowlton, Richard E., assignor to The Standard Oil Company. 2,679,536, Cl. 260—627.
- Knowlton, Richard E., assignor to The Standard Oil Company. 2,679,537, Cl. 260—627.
- Knox, Arthur L., Sr.: See—
- Freimann, Frank, Hart, and Knox.
- Knox, Donald G., assignor to The National Supply Company. 2,676,547, Cl. 103—46.
- Knox, Donald G., to The National Supply Co. 2,684,633, Cl. 103—52.

- Knox, James J.: *See*—
Deyrup, Alden J., and Knox. 2,685,346.
- Knox, Kenneth L., to E. I. du Pont de Nemours and Co. 2,686,931, Cl. 18—12.
- Knox, William T., Jr., to Standard Oil Development Co. 2,697,926, Cl. 67—22.
- Knudsen Creamery Co. of California: *See*—
Boyer, Leo L. 2,685,376.
- Sellstrom, Lawrence T.
- Knudsen, E. C. and H. R. 2,688,266, Cl. 81—3.
- Knudsen, Henry R.: *See*—
Knudsen, E. C. and H. R. 2,688,266.
- Knudsen, Knud J., to The Lewis Engineering Co. 2,697,356, Cl. 74—18.1.
- Knudsen, Knud J., to The Lewis Engineering Co. 2,697,735, Cl. 136—4.
- Knudsen, Niels: *See*—
Herlitz, Ivar, and Knudsen. 2,682,634.
- Knudson, Giltner J., assignor to Bendix Aviation Corporation. 2,675,448, Cl. 200—170.
- Knudson, Lewis I., assignor to Bendix Aviation Corporation. 2,677,077, Cl. 317—206.
- Knudson, Lewis I., assignor to Bendix Aviation Corporation. 2,677,078, Cl. 317—206.
- Knuth, Charles J.: *See*—
Bavley, Abraham, Knuth, Lazier, and Timreck. 2,689,202.
- Knuth, Harvey G., Elgin, assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Convertible cabinet. 2,667,401, Jan. 26.
- Knutson, Harold, and H. G., Chicago, Ill. Smoke jack for diesel locomotives. 2,665,647, Jan. 12.
- Knutson, Harold and H. G. 2,687,685, Cl. 98—42.
- Knutson, Harold G.: *See*—
Knutson, Harold, and H. G. 2,687,685.
- Knutson, Harold and H. G. 2,687,685.
- Knutson, Kenneth W. 2,681,132, Cl. 198—85.
- Knutson-Hall, Folke K. 2,691,881, Cl. 67—7.
- Kobashikawa, Gary K., Honolulu, Territory of Hawaii. Spectacles adjustable glare shield mounting. 2,668,952, Feb. 16.
- Kobayashi, Keigo. 2,676,274, Cl. 310—8.9.
- Kobler, Werner. 2,683,329, Cl. 46—29.
- Kobold, Josef, assignor to Maschinenfabrik Esslingen. 2,679,730, Cl. 62—1.
- Koch, Alfred R., to Minneapolis-Honeywell Regulator Co. 2,684,418, Cl. 200—153.
- Koch, Alfred R., to Minneapolis-Honeywell Regulator Co. 2,686,433, Cl. 74—470.
- Koch, Alfred R., to Minneapolis-Honeywell Regulator Co. 2,697,364, Cl. 74—503.
- Koch, Alphonse D., and C. L. Richardson, to E. I. du Pont de Nemours & Co. 2,686,810, Cl. 260—578.
- Koch Butcher's Supply Co.: *See*—
Schmidt, Walter. 2,683,355.
- Koch, Carl F. 2,678,992, Cl. 219—43.
- Koch Engineering Co., Inc.: *See*—
Huggins, Clifford A. 2,693,949.
- Koch, Fred C. 2,678,199.
- Koch, Fred C. 2,678,201.
- Koch, Fred C., and Litwin. 2,678,200.
- Thriff, Griffin C., and Lohr. 2,681,219.
- Koch, Floyd D.: *See*—
Chapman, Fred A., and Koch. 2,693,635.
- Koch, Fred C., assignor to Koch Engineering Company, Inc. 2,678,199, Cl. 261—22.
- Koch, Fred C., assignor to Koch Engineering Company, Inc. 2,678,201, Cl. 261—114.
- Koch, Fred C., and H. Litwin, assignors to Koch Engineering Company, Inc. 2,678,200, Cl. 261—114.
- Koch, Frederick, assignor to C. Todd, as trustee. 2,679,307, Cl. 192—127.
- Koch, George J., Jr., Painesville, assignor to Diamond Alkali Company, Cleveland, Ohio. Chromate-sulfite redox-initiated aqueous polymerization of vinyl chloride. 2,666,047, Jan. 12.
- Koch, Harold B., to Animal Trap Co. of America. 2,680,930, Cl. 43—95.
- Koch, Jacob, and W. Kern, to Ciba Ltd. 2,695,296, Cl. 260—276.
- Koch, John C., assignor to S & S Vending Machine Co., San Jose, Calif. Ticket vending machine. 2,673,133, Mar. 23.
- Koch, John C., to S & S Vending Machine Co. 2,687,794, Cl. 194—10.
- Koch, Max, New York, N. Y. Fur stole convertible to a jacket. 2,669,721, Feb. 23.
- Koch, Robert L.: *See*—
Mayes, George C., and Koch.
- Koch, Robert L. 2,674,859, Cl. 62—91.5.
- Koch, Werner, to Faber & Schleicher Aktiengesellschaft. 2,689,523, Cl. 101—147.
- Koch, William H., assignor to Indian Archery & Toy Corporation, Evansville, Ind. Wheel dresser. 2,664,875, Jan. 5.
- Koch, William J.: *See*—
Harman, Cameron G., Koch, and Rice. 2,690,065.
- Koch, Winfield R., to Radio Corp. of America. 2,686,259, Cl. 250—20.
- Kochalski, Horst, and K. Körber, to Kurt Korber & Co. Kommandit-Gesellschaft. 2,693,808, Cl. 131—96.
- Kocher, Edward H., to Auto Research Corp. 2,683,503, Cl. 184—29.
- Kocher, Edward H., to Auto Research Corp. 2,697,493, Cl. 184—6.
- Kochli, Ernest G., and C. A. Olcott. 2,682,488, Cl. 127—64.
- Kochner, William B., to Knapp-Monarch Co. 2,685,383, Cl. 220—3.
- Kochs, Robert E.: *See*—
De Quasie, Lacey G., and Kochs.
- Koci, Josef: *See*—
Lehr, Philip N., and Koci. 2,698,368.
- Koci, Ludvik J., Riverside, assignor to Sunbeam Corporation, Chicago, Ill. Automatic toaster. 2,667,828, Feb. 2.
- Koci, Ludvik J., to Sunbeam Corp. 2,687,469, Cl. 219—43.
- Kock, Joseph W. 2,683,341, Cl. 51—259.
- Kock, Winston E., Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mode suppression in curved wave-guide bends. 2,673,962, Mar. 30.
- Kock, Winston E., to Bell Telephone Laboratories, Inc. 2,684,724, Cl. 181—0.5.
- Kock, Winston E., to Bell Telephone Laboratories, Inc. 2,684,725, Cl. 181—0.5.
- Kock, Winston E., to Bell Telephone Laboratories, Inc. 2,688,732, Cl. 333—95.
- Kock, Winston E., to Bell Telephone Laboratories, Inc. 2,692,336, Cl. 250—33.63.
- Kock, Winston E. 2,694,954, Cl. 84—1.11.
- Kodal, Gustav: *See*—
Antoine, Tassilo, Grünberger, Kodal, Wasner, and Kenzian. 2,697,431.
- Kodama, George T., assignor to Herlec Corporation, Milwaukee, Wis. Multiple electric capacitor. 2,665,376, Jan. 5.
- Kodama, George T., to Sprague Electric Co. 2,693,557, Cl. 317—249.
- Kodama, George T., to Sprague Electric Co. 2,694,185, Cl. 333—70.
- Kodis, Robert D.: *See*—
Hastings, Carlton H., and Kodis. 2,684,464.
- Koebberman, Ralph F., and L. H. McCamant, to G. D. Roper Corp. 2,698,051, Cl. 158—115.
- Koeber, Theodore H., and C. F. Smith, assignors to International Harvester Company. 2,680,642, Cl. 292—347.
- Koerberle, George G.: *See*—
Peterson, William B., Jr., and Koerberle. 2,680,419.
- Koebner, Adolph, to Lankro Chemicals Ltd. 2,686,795, Cl. 260—404.5.
- Koehling, Charles D.: *See*—
Cornell, Warren A., Hall, Hecht, Koehling, Korn, and Powell.
- Hall, Nathan I., Hecht, and Koehling.
- Koefler, Clement J. 2,679,321, Cl. 211—50.
- Koehl, James A., assignor to Central Commercial Industries, Inc. 2,679,781, Cl. 84—179.
- Koehler, Fred L.: *See*—
Köhler, Ludwig. 2,697,278.
- Koehler, Harold P., to A. V. Roe Canada Ltd. 2,693,696, Cl. 73—67.
- Koehler, Raymond V., and M. Batenburg, to Nash-Kelvinator Corp. 2,693,712, Cl. 74—472.
- Koehler, Robert B., to International Business Machines Corp. 2,690,525, Cl. 315—168.
- Koehring Company, assignee: *See*—
Robb, Frank B. 2,679,119.
- Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Impregnation. 2,665,999, Jan. 12.
- Koelling, Edward A., assignor to Prince Gardner Company. 2,680,369, Cl. 70—456.
- Koenecke, Donald F., Elizabeth, and J. F. McKay, Jr., Cranford, N. J., assignors to Standard Oil Development Company. Enamel composition having a stabilized drying rate and preparing same. 2,669,526, Feb. 16.
- Koenig, Edward L.: *See*—
Hale, Arthur N., Koenig, and Edwards.
- Koenig, William M., Webster, S. Dak. Rigid-jaw wrench having jaw-face extensions on offset shank. 2,669,147, Feb. 16.
- Koepsell, Harold J.: *See*—
Corman, Julian, Tsuchiya, and Koepsell. 2,676,905.
- Tsuchiya, Henry M., and Koepsell. 2,686,147.
- Koepsell, Harold J., A. Kazenko, and A. R. Jeanes, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Preparation and use of polysaccharide-producing enzyme. 2,673,828, Mar. 30.
- Koerner, Dan E., assignor to Dings Magnetic Separator Co. 2,680,517, Cl. 209—219.
- Koerner, Harry E., and R. J. Wagner, assignors to Westinghouse Electric Corporation. 2,679,442, Cl. 311—2.
- Koerper, Erhardt C., to A. O. Smith Corp. 2,686,957, Cl. 29—157.3.
- Koertge, Nobel H.: *See*—
Furnas, William C., and Koertge.
- Koester, Gustav H.: *See*—
Birch, Thomas H., and Koester. 2,691,989.
- Koester, Melvin C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Shipping container for glass sheets. 2,665,804, Jan. 12.
- Koester, Melvin C., to Libbey-Owens-Ford Glass Co. 2,692,064, Cl. 217—12.

- Koff, Alexander. 2,679,202, Cl. 98—38.
 Koff, Alexander. 2,683,796, Cl. 219—39.
 Koffler, Maximilian. 2,687,085, Cl. 100—97.
 Kofoid, Melvin J.: *See*—
 Mulvany, Harry A., Kofoid, and Schoolcraft. 2,685,312.
 Koft, Emil, Jr., and G. C. Johnson, to Socony-Vacuum Oil Co., Inc. 2,681,350, Cl. 260—332.2.
 Kögel, Wilhelm G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Absorption refrigeration. 2,672,737, Mar. 23.
 Kogel, Wilhelm G., to Aktiebolaget Elektrolux. 2,687,022, Cl. 62—119.5.
 Kögel, Wilhelm G., to Aktiebolaget Elektrolux. 2,693,090, Cl. 62—119.5.
 Kogstrom, Axel W.: *See*—
 Skillman, Newton, Jr., Connolly, Smith, and Kogstrom. 2,683,637.
 Kohl, Charles F., Jr., to Dow Corning Corp. 2,686,739, Cl. 117—128.4.
 Kohl, Erhard O., Massillon, assignor to The Hoover Company, North Canton, Ohio. Floor polisher. 2,668,306, Feb. 9.
 Kohl, Erhard O., to The Hoover Co. 2,683,884, Cl. 15—49.
 Kohl, Walter H., assignor to Collins Radio Company. 2,674,788, Cl. 29—179.5.
 Kohl, Everard F. 2,682,692, Cl. 22—193.
 Kohl, Walter H., to Collins Radio Co. 2,693,544, Cl. 313—273.
 Kohlbeck, Lottie M., Norton Township, Muskegon County, Mich. Automobile clothes hanger support. 2,670,112, Feb. 23.
 Kohler, Blake H. 2,687,864, Cl. 248—74.
 Kohler, Frederick K.: *See*—
 Kohler, Paul F. and F. K. 2,697,923.
 Kohler, Helfried: *See*—
 Gottschalk, Albert, and Kohler. 2,689,081.
 Köhler, Jacob W. L., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., trustee. Multicylinder double-acting hot-gas reciprocating engine. 2,664,699, Jan. 5.
 Kohler, John, assignor of $\frac{1}{2}$ to A. S. Helbig. 2,677,293, Cl. 81—15.
 Kohler, John B. 2,692,091, Cl. 242—75.
 Kohler, John L., assignee: *See*—
 Delano, Clarence B.
 Köhler, Ludwig, to F. L. Koehler. 2,697,278, Cl. 32—11.
 Kohler, Paul F. and F. K. 2,697,923, Cl. 66—96.
 Kohlhausen, Walter, assignor to The E. Ingraham Company. 2,677,776, Cl. 310—156.
 Kohlhausen, Walter, assignor to The E. Ingraham Company. 2,679,722, Cl. 58—116.
 Kohlmann, Walter, to Joh. M. Rump. 2,695,506, Cl. 66—117.
 Kohlmiere, George C. 2,690,840, Cl. 209—260.
 Kohlsaat, Dietrich, and H. A. Schuricht, assignors to Whizzer Motor Company. 2,678,221, Cl. 280—292.
 Kohlstaedt, Kenneth G., assignor to Eli Lilly and Company, Indianapolis, Ind. Therapeutic ion exchange resin mixture. 2,673,827, Mar. 30.
 Kohlwey, Johann F.: *See*—
 Kessler, Jacob C. F., Boetje, and Kohlwey.
 Kohman, Girard T., and W. McMahon, to Bell Telephone Laboratories, Inc. 2,682,024, Cl. 317—258.
 Kohn, Earl J., and D. L. Venezky. 2,686,858, Cl. 204—2.
 Kohn, Frank, Mobile, Ala. Fishing apparatus. 2,664,661, Jan. 5.
 Kohn, Gustave K., assignor to California Spray-Chemical Corporation. 2,678,906, Cl. 202—42.
 Kohring, Erwin, to A. H. Schutte. 2,683,918, Cl. 29—37.
 Kohn, Robert C., to United States Rubber Co. 2,696,642, Cl. 18—58.
 Kohse, William R. 2,676,856, Cl. 308—187.
 Kohut, Joseph P. 2,680,398, Cl. 88—68.
 Kohut, Joseph P. 2,680,426, Cl. 120—15.
 Kojan, John J., assignor to Drum Parts, Inc. 2,680,536, Cl. 220—46.
 Kojis, John J., assignor to S & C Electric Company, Chicago, Ill. Fuse clip construction. 2,665,415, Dec. 5.
 Kokernot, John W.: *See*—
 Carter, Harry B. 2,685,733.
 Kolander, William G. 2,689,156, Cl. 311—22.
 Kolander, William G. 2,695,712, Cl. 211—74.
 Kolb, Otto K., and A. C. G. Petersen, assignors to British Acoustic Films Limited. 2,677,728, Cl. 179—100.2.
 Kolb, Ray M., assignor to Standard Oil Company. 2,680,410, Cl. 103—111.
 Kolbe, Frank F., and L. L. Brown, to The United Electrical Coal Companies. 2,684,753, Cl. 198—203.
 Kolbe, Joachim. 2,676,031, Cl. 280—112.
 Kolbe, Joachim. 2,689,747, Cl. 280—112.
 Kolbe, Max. 2,695,740, Cl. 224—4.
 Kölbel, Herbert, Homberg (Niederrhein), Kreis Moers, and P. Ackermann, Moers, Kreis Moers, assignors to Rheinpreussen Aktiengesellschaft für Bergbau und Chemie, Homberg (Niederrhein), Germany. Catalytic hydrogenation of carbon monoxide in liquid suspensions of catalyst. 2,671,103, Mar. 2.
 Kölbel, Herbert, and P. Ackermann, to Rheinpreussen Aktiengesellschaft für Bergbau und Chemie. 2,692,274, Cl. 260—449.6.
 Kolene Corporation, assignee: *See*—
 Dunlevy, Ralph, Frick, and Shoemaker. 2,674,250.
 Kolfenbach, John J., and H. G. Vesterdal, to Standard Oil Development Co. 2,696,470, Cl. 252—22.
 Kolhoff, Marvin J., to General Electric Co. 2,683,817, Cl. 290—17.
 Kolisch, Emil, to Continental Silver Co., Inc. 2,686,426, Cl. 73—65.
 Kolisch, Emil, to Continental Silver Co., Inc. 2,686,634, Cl. 235—61.
 Kolisch, Emil, to Continental Silver Co., Inc. 2,688,878, Cl. 73—432.
 Kolisch, Emil, to Continental Silver Co., Inc. 2,689,082, Cl. 235—61.
 Kolk, Chester R.: *See*—
 Iredell, Robert, Kolk, and Schreier.
 Kolka, Alfred J., W. E. Burt, and H. W. Hoftiezer, to Ethyl Corp. 2,692,899, Cl. 260—623.
 Kolling, Helmut: *See*—
 Feichtinger, Hans, Kolling, and Puschhof.
 Hagemann, August, Kolling, and Jacob.
 Jacob, Eugen, Kolling, Stiebling, and Hagemann. 2,688,035.
 Tramm, Heinrich, Geiser, Kolling, and Puschhof. 2,683,688.
 Kölling, Heinrich, and H. Lettré, to Schenley Laboratories Inc. 2,691,044, Cl. 260—590.
 Kollisch, Bernhard: *See*—
 Schwarz, Hedwig, and Kollisch. 2,687,133.
 Kollsman Instrument Corp.: *See*—
 Angst, Walter. 2,675,732.
 Angst, Walter. 2,689,480.
 Argentieri, Michael A., and Andresen. 2,689,951.
 Goudy, Paul R. 2,689,342.
 Nicholson, David B. 2,679,167.
 Kollsman, Paul. 2,676,603, Cl. 137—118.
 Kollsman, Paul. 2,689,826, Cl. 204—301.
 Kolomzine, Theodore: *See*—
 Geoffroy, Paul R., and Kolomzine. 2,675,521.
 Kolvoort, Egbert C. H., Amsterdam, Netherlands, assignor to Shell Development Company, Emeryville, Calif. Coagulating polymer lattices prepared in a true aqueous emulsion. 2,673,193, Mar. 23.
 Komada, Joseph: *See*—
 Babros, Joseph H., and Komada. 2,693,786.
 Komarek-Greaves and Company, assignee: *See*—
 Komarek, Gustav. 2,675,304.
 Komarek, Gustav, assignor to Komarek-Greaves and Company. 2,675,304, Cl. 44—10.
 Komarik, Stephan L., and C. L. Griffith, to The Griffith Laboratories, Inc. 2,688,151, Cl. 17—25.
 Komarik, Stephan L., and C. L. Griffith, to The Griffith Laboratories, Inc. 2,688,555, Cl. 99—159.
 Komarik, Stephan L., and C. L. Griffith, to The Griffith Laboratories, Inc. 2,688,556, Cl. 99—159.
 Komenak, Albert J., assignor to The Excelsior Hardware Company, Stamford, Conn. Lockable hasp fastener. 2,672,040, Mar. 16.
 Kommandit-Gesellschaft, assignee: *See*—
 Strecker, Gerald.
 Kommandit-Gesellschaft, Dr. Otto C. Strecker, assignee: *See*—
 Strecker, Gerald. 2,676,523.
 Kompaniez, Alexandria, assignee: *See*—
 Kanell, Theodore.
 Kompart, Walter W., Steubenville, Ohio, assignor to National Steel Corporation. Heating scrap in open hearth furnaces. 2,671,724, Mar. 9.
 Kondracki, Joseph. 2,681,231, Cl. 280—34.
 Konefes, Joseph H.: *See*—
 Chambers, Worthy L., and Konefes. 2,689,778.
 Könemann, Anton: *See*—
 Jacobi, Gustav, and Könemann. 2,679,408.
 Konet, Henry, assignor to Bendix Aviation Corporation. 2,677,120, Cl. 340—27.
 Konet, Henry, to Bendix Aviation Corp. 2,687,648, Cl. 74—5.4.
 Konet, Henry, and K. J. Klarman, assignors to Bendix Aviation Corporation. 2,674,891, Cl. 74—5.1.
 Konet, Henry, and P. E. Seifried, to Bendix Aviation Corp. 2,694,314, Cl. 74—5.1.
 Konick, Arthur E., to the United States of America as represented by the Secretary of the Navy. 2,686,263, Cl. 250—27.
 König, Franz, assignor of one-half to E. O. Mueller, alias O. E. Muller, Unterach am Attersee, Austria. Rotary plow depth control device. 2,670,668, Mar. 2.
 König, Otto: *See*—
 McFarlane, Thomas P., and König.
 Konigslow, Otto, Mfg. Co.: *See*—
 Green, Robert H. 2,686,248.
 Koninklijke Industriële Maatschappij Voorheen Noury & Van Der Lande N. V.: *See*—
 Goence, Pieter, and Stedehouder. 2,691,050.
 Koninklijke Machinefabriek Gebr. Stork & Co.: *See*—
 Busquet, Jan C. 2,688,719.
 Koninklijke Machinefabriek Gebr. Stork & Co., N. V.: *See*—
 Busquet, Jan C. 2,685,341.
 Konkle, Cloyd T. 2,687,768, Cl. 155—193.
 Konkle, George M., to Dow Corning Corp. 2,684,957, Cl. 260—37.
 Konle, Robert L.: *See*—
 Gajewski, Stefan, and Konle. 2,691,706.
 Konrad, Erich: *See*—
 Ossenbrüggen, Walter, and Konrad. 2,696,479.

- Konstandt, Francisco G.: *See*—
 Schauer, Abraham A., and Konstandt. 2,695,043.
 Konstandt, Francisco G. 2,697,461, Cl. 144—309.
 Kontoff, Saul, and I. Rubin. 2,691,401, Cl. 150—52.
 Kontra, John J. 2,674,028, Cl. 29—95.
 Konwal, Nick I., Cicero, assignor to Cyrus Shank Company, Chicago, Ill. Valve. 2,668,034, Feb. 2.
 Kool, Earl R., to Corn Products Refining Co. 2,689,816, Cl. 195—31.
 Kooistra, Lambert F., assignor to The Babcock & Wilcox Company. 2,678,224, Cl. 285—56.
 Kooistra, Lambert, assignor to The Babcock & Wilcox Company. 2,680,652, Cl. 299—118.
 Kool, Adrianus: *See*—
 Keulen, Gerben J., Kool, and Cival. 2,675,233.
 Kool Vent Metal Awning Corp. of America: *See*—
 Helt, Herbert M. 2,682,689.
 Helt, Herbert M. 2,685,715.
 Koons, Harry M. 2,677,309, Cl. 90—12.5.
 Koontz, John D.: *See*—
 Smith, Warren M., and Koontz. 2,696,506.
 Koontz, John D., assignor to Standard Oil Development Company. 2,679,534, Cl. 260—604.
 Koontz, Marshall D. 2,691,533, Cl. 280—405.
 Koopman, Kenneth H., to Union Carbide and Carbon Corp. 2,681,970, Cl. 219—10.
 Koopmans, Martinus J., to Hartford National Bank and Trust Co. 2,695,841, Cl. 71—2.7.
 Koops, Marjorie O.: *See*—
 O'Brien, Harriette L. 2,685,290.
 Koos, Paul V., and L. A. Oberle, to Bell Telephone Laboratories, Inc. 2,683,255, Cl. 333—81.
 Kopa, Walter, New York, N. Y. Accordion shoulder plate. 2,664,776, Jan. 5.
 Kopa, Walter, New York, N. Y. Accordion knee support. 2,664,777, Jan. 5.
 Kopezynski, John F. 2,683,495, Cl. 180—7.
 Kopelman, Bernard, and W. S. Wartel, to Sylvania Electric Products Inc. 2,688,032, Cl. 260—439.
 Kopf, Philip. 2,685,445, Cl. 271—2.4.
 Kopp, George, Rugby, England. Manually adjustable valve. 2,670,008, Feb. 23.
 Kopp, Lester G., assignor to Harry Ferguson, Inc. 2,675,659, Cl. 55—81.
 Kopp, Philip E. 2,691,942, Cl. 103—37.
 Kopp, Roger S. 2,680,492, Cl. 183—4.6.
 Kopp Scientific, Inc.: *See*—
 Natelson, Samuel. 2,680,060.
 Natelson, Samuel. 2,685,800.
 Koppel, Ruth G., to The Sperry Corp. 2,692,977, Cl. 333—83.
 Koppelman, Floris, Berlin-Reinickendorf, assignor to Licentia Patent-Verwaltungs-G. m. b. H., Berlin, Germany. Mechanical rectifier. 2,666,102, Jan. 12.
 Koppelman, Floris, to Licentia Patent-Verwaltungs-G. m. b. H. 2,693,574, Cl. 324—34.
 Koppelman, Floris, to Allgemeine Elektrizitäts-Gesellschaft. 2,693,576, Cl. 324—119.
 Koppers Co., Inc.: *See*—
 Beck, Harold R., and Detrick. 2,697,697.
 D'Alelio, Gaetano F.
 D'Alelio, Gaetano F. 2,683,124.
 D'Alelio, Gaetano F. 2,683,125.
 D'Alelio, Gaetano F. 2,683,128.
 D'Alelio, Gaetano F. 2,683,130.
 D'Alelio, Gaetano F. 2,686,773.
 D'Alelio, Gaetano F. 2,686,774.
 D'Alelio, Gaetano F. 2,687,383.
 D'Alelio, Gaetano F. 2,687,400.
 D'Alelio, Gaetano F. 2,687,401.
 D'Alelio, Gaetano F. 2,689,801.
 D'Alelio, Gaetano F. 2,692,251.
 D'Alelio, Gaetano F. 2,692,260.
 D'Alelio, Gaetano F. 2,694,690.
 D'Alelio, Gaetano F. 2,695,894.
 D'Alelio, Gaetano F. 2,697,079.
 D'Alelio, Gaetano F. 2,697,080.
 Dorfman, Morton I. 2,676,562.
 Frank, Howard E. 2,676,180.
 Gollmar, Herbert A. 2,675,296.
 Griffin, Francis R. 2,694,603.
 Grim, John M.
 Grim, John M. 2,687,408.
 Grim, John Marshall. 2,691,008.
 Häberle, Albert, and Dittmer.
 Hasche, Rudolph L.
 Hasche, Rudolph L. 2,678,956.
 Herman, Mervin J.
 Hill, William H.
 Insinger, Thomas H., Jr. 2,692,234.
 Martin, Edwin D.
 Nickels, Joseph E. 2,686,115.
 Perkins, Walter F.
 Schellenburg, Ernst.
 Schwenke, Herman. 2,676,999.
 Tau, Bruce E. 2,686,666.
 Totzek, Friedrich.
 Van Ackeren, Joseph.
 Van Ackeren, Paul. 2,680,064.
 Van Ackeren, Paul, and Doll.
 Koppl, Adolf. 2,679,039, Cl. 340—282.
 Kopplin, John V., to The Felters Co. 2,693,273, Cl. 203—263.
 Koppware Products Mfg. Co.: *See*—
 Fox, Sol. 2,681,504.
 Kopsch, Ulrich, to Imperial Chemical Industries Ltd. 2,693,998, Cl. 23—207.
 Korányi: *See*—
 Schwarz, Hedwig, and Kollisch. 2,687,133.
 Korbela, Alexander, to Westinghouse Electric Corp. 2,697,130, Cl. 174—50.61.
 Körber, Kurt: *See*—
 Kochalski, Horst, and Körber. 2,693,808.
 Körber, Kurt, A. Ritscher, M. Pollmann, and C. Stelzer, to Kurt Körber & Co. K.-G. 2,690,777, Cl. 146—78.
 Körber, Kurt, & Co. K.-G.: *See*—
 Kochalski, Horst, and Körber. 2,693,808.
 Körber, Kurt, Ritscher, Pollmann, and Stelzer. 2,690,777.
 Kordes, Karl: *See*—
 Marko, Adolf, and Kordes.
 Korelich, Pete, to Gilfillan Bros., Inc. 2,698,401, Cl. 315—22.
 Koren, George J., to Pettibone Mulliken Corp. 2,691,194, Cl. 22—36.
 Koren, Heiman W., and G. Baumstark, to Sonotone Corp. 2,696,515, Cl. 136—146.
 Koreska, Robert. 2,685,357, Cl. 197—168.
 Korganian, David: *See*—
 Reza-Bek, Sonia, and Korganian.
 Korganoff, David: *See*—
 Reza-Bek, Sonia, and Korganian.
 Korkosz, Frank D. 2,682,803, Cl. 88—24.
 Korman, Nathaniel I., assignor to the United States of America as represented by the Secretary of the Army. 2,680,810, Cl. 250—33.65.
 Korman, Nathaniel I., to Radio Corp. of America. 2,686,232, Cl. 179—171.
 Korman, Nathaniel I., and W. P. Bollinger, assignors to Radio Corporation of America. 2,679,631, Cl. 333—7.
 Korman, Nathaniel I., J. F. Price, and J. R. Ford, to Radio Corp. of America. 2,698,377, Cl. 246—30.
 Korn, Franklin A.: *See*—
 Cornell, Warren A., Hall, Hecht, Koechling, Korn, and Powell.
 Korn, Irving, to William Korn & Co. Designers & Manufacturers, Inc. 2,684,820, Cl. 248—33.
 Korn, Waldemar H., Dubuque, Iowa, assignor to Kornlube Products, Highland Park, Ill. Lubricating device. 2,668,739, Feb. 9.
 Korn, William, & Co., Designers & Manufacturers, Inc.: *See*—
 Korn, Irving. 2,684,820.
 Kornei, Otto, to Clevite Corp. 2,683,856, Cl. 322—2.
 Kornhauser, Saunders, and H. A. Jatzek, to The Standard Oil Co. 2,681,165, Cl. 220—38.
 Kornlube Products, assignee: *See*—
 Korn, Waldemar H.
 Korodi, Paul C., to Westinghouse Electric Corp. 2,693,383, Cl. 292—336.3.
 Koros, Leslie L., Camden, N. J., assignor to Radio Corporation of America. Frequency modulator transistor circuits. 2,666,902, Jan. 19.
 Koros, Leslie L., to Radio Corp. of America. 2,691,077, Cl. 179—171.
 Koros, Leslie L., to Radio Corp. of America. 2,691,140, Cl. 332—37.
 Korpela, Arthur L. 2,686,693, Cl. 298—34.
 Korshin, Jack: *See*—
 Levinson, Benjamin L., and Korshin.
 Kortepeter, Ralph E., Cleveland Heights, and R. L. Archbold, Euclid, assignors to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Under liquid seal for rotatable shafts. 2,667,776, Feb. 2.
 Kortz, Arnold G. 2,694,284, Cl. 56—328.
 Korver, Cornelis, to Hartford National Bank and Trust Co., as trustee. 2,689,802, Cl. 117—35.
 Kosatka, Thomas O., to Victor Mfg. & Gasket Co. 2,695,801, Cl. 288—3.
 Kosche, Rudolf L. H., assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Untertürkheim, Germany. Internal-combustion engine. 2,672,135, Mar. 16.
 Kosinski, John. 2,674,027, Cl. 29—69.
 Koskela, Joel. 2,689,365, Cl. 12—128.3.
 Koski, Elmer, Lake City, Minn. Watchmaker's vise. 2,672,775, Mar. 23.
 Kosman, Milton. 2,683,480, Cl. 155—22.
 Kosmin, Milton, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Polyglycol ethers of 2-butyloctanol-1 and making same. 2,671,115, Mar. 2.
 Kosmin, Milton, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Polyglycol ethers of 2,6,8-trimethylnonanol-4 and making same. 2,671,116, Mar. 2.
 Kosmin, Milton, assignor to Monsanto Chemical Company. 2,676,979, Cl. 260—470.
 Kosmin, Milton, to Monsanto Chemical Co. 2,683,736, Cl. 260—470.
 Kosmin, Milton, to Monsanto Chemical Co. 2,687,348, Cl. 71—2.7.
 Kosmin, Milton, to Monsanto Chemical Co. 2,695,243, Cl. 106—270.
 Kosmin, Milton, to Monsanto Chemical Co. 2,695,314, Cl. 260—584.
 Kosolapoff, Gennady M., Auburn, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Thioamyl ester of diphenyldithiophosphinic acid and process therefor. 2,665,294, Jan. 5.

- Kossian, Victor E., assignee: *See*—
Holm, Carl E.
- Kost, Alwin, Portland, Oreg. Power-operated cocktail shaker. 2,671,648, Mar. 9.
- Kostelitz, Oscar: *See*—
Dupont, Georges, and Kostelitz. 2,674,608.
- Kostelnik, Joseph C. 2,687,333, Cl. 308—89.
- Kotab, Warren D. 2,682,764, Cl. 70—419.
- Kottick, Hyman W., assignor, by mesne assignments, to Virginia Metal Products, Inc. 2,677,443, Cl. 189—46.
- Kottmann, Arthur A., assignor, by mesne assignments, to American Machine & Foundry Company. 2,676,445, Cl. 53—149.
- Kottmann, Arthur A., assignor, by mesne assignments, to American Machine & Foundry Company. 2,676,690, Cl. 198—23.
- Kottmann, Arthur A., and P. C. Bauer, Davenport, assignors to The Bettendorf Company, Bettendorf, Iowa. Cook machine. 2,667,130, Jan. 26.
- Koudela, Gerhard: *See*—
Wintersberger, Karl, and Koudela. 2,690,958.
- Kounkel, William J.: *See*—
Webb, John E., and Kounkel.
- Kountz, David S., Bridgeport, Conn. Time switch. 2,673,901, Mar. 30.
- Kountzman, Joseph M., Sr.: *See*—
Hughes, Richard D., and Kountzman. 2,684,116.
- Koury, Fred: *See*—
Hecht, Benjamin P., and Koury.
- Koury, Frederic, assignor to Sylvania Electric Products Inc. 2,677,793, Cl. 317—235.
- Kouvallis, Theodore P. 2,682,829, Cl. 99—389.
- Kovac, George M., to The W. J. Fitzpatrick Co. 2,693,915, Cl. 241—186.
- Kovach, Leslie, to M. Levine. 2,693,861, Cl. 180—82.1.
- Kovacs, John J. 2,692,563, Cl. 103—115.
- Kovacs, Julius P., to Purolator Products, Inc. 2,691,429, Cl. 184—6.
- Kovacs, Stella, Dearborn, Mich. Applicator. 2,672,875, Mar. 23.
- Koval, John P., Norwood, assignor to Bird & Son, Inc., East Walpole, Mass. Building corner construction. 2,664,595, Jan. 5.
- Koval, Walter C., $\frac{1}{2}$ to D. Borian and $\frac{1}{3}$ to L. A. Sackman. 2,694,857, Cl. 30—47.
- Kovco Sales Co.: *See*—
Jaynes, Walter C. 2,692,033.
- Kowal, Michael H., to Empire Box Corp. 2,692,700, Cl. 220—113.
- Kowalczyk, Joseph: *See*—
Kerr, George R. 2,694,132.
- Kowalik, John J., assignor to American Steel Foundries. 2,679,764, Cl. 74—424.8.
- Kowalik, John J., to American Steel Foundries. 2,688,938, Cl. 105—197.
- Kowalka, Warren R.: *See*—
Badger, Alfred E., Kowalka, and Woods. 2,688,824.
- Kowalshyn, Stephen: *See*—
Warren, Ronald G., Kowalshyn, Radkowski, and Ellerman.
- Kowolik, Ernest J., J. Downing, and J. G. N. Drewitt, to British Celanese Ltd. 2,697,698, Cl. 260—30.2.
- Kozack, Alfred P.: *See*—
Reiff, Orland M., and Kozack.
- Kozacka, Frederick J., Amesbury, assignor to The Chase-Shawmut Company, Newburyport, Mass. Current-limiting fuse. 2,665,348, Jan. 5.
- Kozacka, Frederick J., Amesbury, assignor to The Chase-Shawmut Company, Essex County, Mass. Fuse and fuse holder. 2,670,418, Feb. 23.
- Kozacka, Frederick J., to The Chase-Shawmut Co. 2,688,061, Cl. 200—123.
- Kozacka, Frederick J., K. W. Swain, and E. Salzer, to The Chase-Shawmut Co. 2,681,398, Cl. 200—120.
- Kozakewich, John, to Inventions Development Co. Ltd. 2,697,958, Cl. 81—185.
- Kozeliski, Julius J. 2,683,527, Cl. 206—19.5.
- Kozerski, Henry. 2,690,569, Cl. 4—292.
- Kozlowski, Joseph S. 2,682,305, Cl. 160—351.
- Kracker, Herbert, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Brüning. 2,688,613, Cl. 260—207.
- Kracker, Herbert, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Brüning. 2,690,438, Cl. 260—187.
- Kracklauer, Aloysius C. 2,687,217, Cl. 210—185.
- Kradel, Fred L., assignor, by mesne assignments, to I-T-E Circuit Breaker Company. 2,679,567, Cl. 200—146.
- Kradoska, Edward C. 2,678,079, Cl. 153—9.
- Kraemer, Elmore A., assignor to West Bend Aluminum Co., West Bend, Wis. Surface temperature measuring instrument. 2,668,446, Feb. 9.
- Kraepelin, Edward O. 2,688,186, Cl. 30—233.
- Kraepelin, Robert C.: *See*—
Mason, James A., and Kraepelin. Re. 23,902.
- Krafft, Gustav S. 2,681,807, Cl. 279—29.
- Kraft, Lewis E., assignor to Aetna Manufacturing Company. 2,679,778, Cl. 81—71.
- Kraft Bag Corp.: *See*—
Gilman, Charles. 2,687,066.
- Kraft Foods Co.: *See*—
Fisher, Guy N. 2,695,847.
- Fisher, Guy N. 2,698,249.
- Kraft, George H., and Riemer. 2,692,430.
- Thurman, Benjamin H. 2,682,499.
- Trisman, Edwin, and Kurzhals. 2,683,665.
- Kraft, George H., and J. Riemer, to Kraft Foods Co. 2,692,430, Cl. 31—26.
- Kraft, Herman T., to The General Tire and Rubber Co. 2,682,684, Cl. 18—18.
- Krag, Franz K., Chicago, Ill. Can opener and the like. 2,667,690, Feb. 2.
- Krag, Franz K. 2,690,687, Cl. 81—3.46.
- Krah, Carl: *See*—
Krah, Edward and C., and Rudy.
- Krah, Edward and C., and W. Rudy, assignors to Pyramid Aquariums, Inc., Newark, N. J. Thermostatically controlled electric water heater. 2,666,838, Jan. 19.
- Krainz, Robert F., assignee: *See*—
Timpner, Henry. 2,674,906.
- Krajewski, Edward P.: *See*—
Asaro, Vito, and Krajewski.
- Kralovetz, Anton J., Sheboygan, and E. H. Simpson, Milwaukee, Wis., said Simpson assignor to said Kralovetz. Garden implement. 2,672,804, Mar. 23.
- Kralowetz, Bruno, Steyr, Austria, assignor to A. Saxer, Thawil, Switzerland. Cutting tool assembly. 2,664,617, Jan. 5.
- Kralowetz, Bruno, assignor to A. Saxer. 2,674,926, Cl. 90—15.
- Kramarz, Roman J.: *See*—
Irvine, Robert A., and Kramarz.
- Kramcsak, Michael, Jr., assignor to The Bassick Company, Bridgeport, Conn. Caster glide. 2,666,943, Jan. 26.
- Kramcsak, Michael, Jr., to The Bassick Co. 2,685,351, Cl. 188—119.
- Kramer, Albert J.: *See*—
Pavia, Charles, and Kramer. 2,682,470.
- Kramer, Albert J. 2,697,112, Cl. 260—412.6.
- Kramer, Albert J. 2,697,113, Cl. 260—412.6.
- Kramer, Alexander E. 2,688,322, Cl. 126—369.3.
- Kramer, Allan, and H. A. Bessen, to Bessen, Inc. 2,687,137, Cl. 134—112.
- Kramer, Anton J., Fellsmere, Fla. Sugar cane harvester. 2,669,823, Feb. 23.
- Kramer, Clarence F., to Ford Motor Co. 2,685,324, Cl. 155—9.
- Kramer, David C.: *See*—
Wheeler, Walter G., and Kramer. 2,676,638.
- Kramer, Fred S., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,676,457, Cl. 60—35.6.
- Kramer, Harry C., and W. R. Thompson, assignors of $\frac{1}{2}$ to W. Ferguson. 2,675,721, Cl. 81—3.46.
- Kramer, Irvin R.: *See*—
Walters, Francis M., Jr., and Kramer. 2,683,677.
- Kramer, Joseph: *See*—
Sooy, Walter E., and B. E., and Kramer. 2,687,301.
- Kramer, Maurice G., to Wyandotte Chemicals Corp. 2,684,947, Cl. 252—137.
- Kramer Trenton Company, assignee: *See*—
Malkoff, Hyman.
- Krämer, Werner, Frondenberg-Ruhr, assignor to Licentia Patent-Verwaltungs-G. m. b. H., Hamburg, Germany. Frequency multiplier. 2,666,178, Jan. 12.
- Kramer, William F., to Philco Corp. 2,691,273, Cl. 62—3.
- Kramer, William M., and H. J. Marsh, assignors to Adamston Flat Glass Company. 2,675,646, Cl. 49—1.
- Kramer, William R., Birmingham, Mich. Sealing strip. 2,671,541, Mar. 9.
- Krammer, Robert. 2,680,441, Cl. 128—233.
- Kranc, Stanley J.: *See*—
Fleck, Kenneth J., and Kranc. 2,696,786.
- Kranick, Frank N. G. 2,690,326, Cl. 256—21.
- Krantz, Evert: *See*—
Arbogh, Åke, and Krantz. 2,684,836.
- Krantz, Frederick H., to Leeds and Northrup Co. 2,697,791, Cl. 307—132.
- Krantz, Karl G. E.: *See*—
Ljungdell, Erik R., and Krantz. 2,696,910.
- Krantz, Karl W., Niskayuna, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Selective chlorination of 2,5-dichlorophenol to 2,4,5-trichlorophenol in the presence of 2,4-dichlorophenol. 2,665,314, Jan. 5.
- Krantz, Louis: *See*—
Tuck, James A.
- Tuck, James A. 2,690,910.
- Krapcho, John: *See*—
Lott, William A., and Krapcho. 2,688,025.
- Krasberg, R., & Sons Mfg. Co.: *See*—
Krueger, Henry A. 2,691,530.
- Krasiewicz, Walter J.: *See*—
Robins, Richard S., and Krasiewicz. 2,691,918.
- Krasno, Louis B., assignor to Clinical Instruments Company. 2,676,512, Cl. 88—20.
- Krasno, Louis R. 2,685,316, Cl. 150—0.5.
- Krasno, Maxwell R., Waukesha, Wis., assignor to Raytheon Manufacturing Company. Dynamoelectric machine. 2,672,564, Mar. 16.
- Krasnov, George S., and N. I., Melrose Park, Pa. Slip cover for upholstered furniture. 2,667,211, Jan. 26.

- Krasnov, Norman I.: *See*—
Krasnov, George S. and N. I.
- Krasnow, Shelley, Fairfax, Va., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Shielded borehole radioactivity logging apparatus. 2,673,299, Mar. 23.
- Krasnow, Shelley, assignor to Schlumberger Well Surveying Corporation. 2,675,481, Cl. 250—83.3.
- Krasnow, Shelley, Fairfax, Va., and M. J. Test, Kansas City, Mo., assignors to Schlumberger Well Surveying Corporation, Houston, Tex. Well radioactivity logging apparatus. 2,665,386, Jan. 5.
- Krastel, Adolph H.: *See*—
Carlson, Leonard O., and Krastel. 2,682,204.
- Kratoville, Michael J. 2,682,361, Cl. 226—14.
- Kratzer, Herbert J. 2,693,311, Cl. 230—56.
- Kratzer, Myron B., to Stanolind Oil and Gas Co. 2,681,924, Cl. 260—449.6.
- Kratzer, Myron B., to Stanolind Oil and Gas Co. 2,698,346, Cl. 260—638.
- Kraus, Gerard: *See*—
Frank, Charles E., and Kraus. 2,692,841.
- Kraus, Harold. 2,691,240, Cl. 45—80.
- Kraus, John D., Newton Center, Mass., assignor to United States of America as represented by the Secretary of War. Antenna. 2,666,850, Jan. 19.
- Kraus, John W. 2,684,792, Cl. 222—457.
- Kraus, Ludwig, assignor to Daimler-Benz Aktiengesellschaft. 2,674,983, Cl. 123—32.
- Kraus, Wilhelm: *See*—
Gams, Alphonse, Kraus, Preiswerk, Widmer, and Wieland. 2,682,490.
- Krause, Anthony V.: *See*—
Cole, Reginald A. L., and Krause.
- Krause, Ernst H., M. W. Rosen, and N. R. Best. 2,679,041, Cl. 343—6.
- Krause, Fred: *See*—
Lee, Lewis V., Krause, and Pawel. 2,689,973.
- Krause, Gerhard P., Flushing, and L. Hoffmann, assignors to Hydropress, Inc., New York, N. Y. Tube testing machine. 2,671,339, Mar. 9.
- Krause, Herbert, to Chicago Forging and Mfg. Co. 2,697,625, Cl. 292—64.
- Krause, Jack H., to Standard Oil Co. 2,695,263, Cl. 196—29.
- Krause, Joseph F., Ketchikan, Territory of Alaska. Adjustable transducer. 2,671,206, Mar. 2.
- Krause, Leonard M., to Massey-Harris Co. Ltd. 2,691,863, Cl. 56—296.
- Krause, Norman R.: *See*—
Aber, Homer B., and Krause. 2,675,809.
- Heth, Sherman C., Krause, and Tallman. 2,681,537.
- Krause, Norman R., and S. C. Heth, to J. I. Case Co. 2,695,485, Cl. 56—21.
- Krause, Pearl E. 2,679,270, Cl. 144—32.
- Krause, Raymond S., and H. O. Holaday, to Bear Mfg. Co. 2,694,925, Cl. 73—122.
- Krause, Richard J.: *See*—
Appleton, Norton A., and Krause.
- Krause, Richard S., and E. H. Seibert, assignors to Auto-point Company, Chicago, Ill. Letter opener. 2,671,668, Mar. 9.
- Krause, Valentin: *See*—
Schuster, Wilhelm. 2,688,426.
- Krause, Walter, to Owens-Corning Fiberglass Corp. 2,683,980, Cl. 72—45.
- Krause, William S.: *See*—
Adams, Rowland K., and Krause. 2,688,040.
- Krauss, Don, Brooklyn, N. Y. Belt for the relief of hemorrhoids. 2,672,862, Mar. 23.
- Krautter, Willy F.: *See*—
Kamm, Wunibald I. E., Krautter, and Staiger. 2,684,712.
- Kravitz, Allan, Detroit, Mich. Adjustable cornice. 2,664,946, Jan. 5.
- Krawetz, John: *See*—
Cole, Joseph, and Krawetz.
- Krazinski, Leo C., assignee: *See*—
Kirkegaard, George. 2,676,954.
- Krchma, Ignace J.: *See*—
Schaumann, Holger H., and Krchma. 2,691,571.
- Krchma, Ignace J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Purification of by-product halide salts. 2,668,750, Feb. 9.
- Krchma, Ignace J., to E. I. du Pont de Nemours and Co. 2,682,930, Cl. 183—114.2.
- Krebs, Robert W.: *See*—
Watts, Rhea N., Krebs, and Lane. 2,684,986.
- Krebs, Robert W., assignor to Standard Oil Development Company. 2,678,952, Cl. 260—638.
- Krebs, Robert W., and A. Voorhies, Jr., Baton Rouge, La., assignors to Standard Oil Development Company. Naptha reforming process. 2,670,322, Feb. 23.
- Kreft, Helmut, Braunschweig, Germany. Electrically welding sheet metal container. 2,673,275, Mar. 23.
- Krefting, Herman U., Vanersborg, Sweden. Coupling for trailer vehicles. 2,668,723, Feb. 9.
- Kreibich, Karl, Vienna, Austria, assignor to "Rivarossi" Officine Miniature Elettroferroviarie Soc. Acc. Semplice A. Rossi & F. Brunner, Como, Italy. Trackless vehicle driven by electric motors. 2,664,830, Jan. 5.
- Kreider, Leonard C., to The B. F. Goodrich Co. 2,692,255, Cl. 260—83.7.
- Kreidler, Alfred, assignee: *See*—
Rokahr, Siegfried.
- Kreiner, Anthony J., to Designers For Industry, Inc. 2,680,971, Cl. 74—527.
- Kreis, Fritz, Wurzburg, Germany. Automatically operating change-speed gear. 2,671,349, Mar. 9.
- Kreis, Fritz. 2,679,166, Cl. 74—336.
- Kreis, Fritz. 2,697,501, Cl. 192—105.
- Kreisel, Ralph R., and R. E. Polk, to Bell Telephone Laboratories, Inc. 2,691,297, Cl. 73—40.
- Kreisler, Jacques, Mfg. Corp.: *See*—
Speck, Kurt, and Gaun. 2,696,689.
- Kreitchman, Morton A.: *See*—
Bruckman, William C., and Kreitchman. 2,687,861.
- Kreitchman, Morton A., Irvington, N. J., assignor to International Telephone and Telegraph Corporation. Pump. 2,671,408, Mar. 9.
- Kremer, Francis E., to The Farnam Equipment Co. 2,690,162, Cl. 119—157.
- Kremers-Urban Co., assignee: *See*—
Miller, Clemmy O. 2,678,899.
- Krems, Irving J.: *See*—
Gebhart, Arthur I., and Krems. 2,692,235.
- Krems, Irving J., to Colgate-Palmolive Co. 2,687,379, Cl. 252—137.
- Krems, Irving J., to Colgate-Palmolive Co. 2,692,237, Cl. 252—137.
- Krems, Irving J., and H. A. Goldsmith, to Colgate-Palmolive Co. 2,684,969, Cl. 260—404.
- Krenke, Norman O., to Baker Perkins Inc. 2,688,518, Cl. 302—28.
- Krenov, Boris A., Seattle, Wash. Bathroom unit. 2,665,454, Jan. 12.
- Krepps, James E., assignor to Westinghouse Electric Corporation. 2,677,112, Cl. 336—131.
- Krepps, James E. Jr., assignor, by mesne assignments, to Sarkes Tarzian, Inc., Bloomington, Ind. Universal tuning system for television receivers. 2,665,377, Jan. 5.
- Kress, Frank, assignor to Stavid Engineering, Inc. 2,675,542, Cl. 340—315.
- Kress, Walter E., assignor to Shell Development Company. 2,679,470, Cl. 196—32.
- Kresse, Herbert E., assignor to Kearny Manufacturing Company, Inc. 2,678,024, Cl. 118—401.
- Kressman, Theodore R. E., to The Permutit Co. 2,681,892, Cl. 260—2.1.
- Kressman, Theodore R. E., and H. M. Spiers, to The Permutit Co. Ltd., Stewarts & Lloyds Ltd., and The Woodall-Duckham Vertical Retort and Oven Construction Co. (1920) Ltd. 2,688,000, Cl. 210—24.
- Kretzer, Harry H., Hagerstown, Md. Jewel installing and removing device. 2,671,945, Mar. 16.
- Kretzschmar, Alfred. 2,677,433, Cl. 183—2.5.
- Kreutzer, Michael J., to General Motors Corp. 2,682,848, Cl. 113—52.
- Kreuz, Kenneth L., to The Texas Co. 2,686,185, Cl. 260—330.5.
- Krev, Henry, assignee: *See*—
Gunderson, Waldo A.
- Krewson, Josephine E., Muskegon, Mich. Infusion carrier for attachment to hospital stretchers. 2,673,771, Mar. 30.
- Kreyling, Robert L., Wynnewood, assignor to Philadelphia Quartz Company, Philadelphia, Pa. Laminated adhesive and manufacture of combined fiberboard therewith. 2,669,282, Feb. 16.
- Kridel, Donald J.: *See*—
Wiitala, Edwin S., and Kridel. 2,682,464.
- Wiitala, Edwin S., and Kridel. 2,682,465.
- Kridel, Donald J., F. R. Bean, and W. J. Rogers, assignors to Eastman Kodak Company, Rochester, N. Y. Single powder photographic developers having improved stability to high temperatures. 2,666,702, Jan. 19.
- Kridel, Donald J., and E. S. Wiitala, assignors to Eastman Kodak Company, Rochester, N. Y. Single-powder photographic developers stabilized with metaboric acid. 2,666,703, Jan. 19.
- Kridel, Donald J., and W. J. Rogers, to Eastman Kodak Co. 2,688,547, Cl. 95—88.
- Krider, Merle M.: *See*—
Wall, Monroe E., and Krider. 2,686,752.
- Krieg, Abraham: *See*—
Gutzeit, Gregoire, Crehan, and Krieg. 2,690,401.
- Gutzeit, Gregoire, Crehan, and Krieg. 2,690,403.
- Reschan, Raymond R., and Krieg. 2,694,017.
- Krieger, Edward F. 2,676,566, Cl. 119—48.
- Krieger, Gardner L., Princeton, N. J., assignor to Radio Corporation of America. Electronic transducer tube. 2,666,200, Jan. 12.
- Krieger, Joseph L. 2,684,286, Cl. 23—165.
- Kriegbaum, George M., Homewood, Ill., assignor to International Harvester Company. Tool lift and dispensing mechanism control means. 2,670,699, Mar. 2.
- Kriegbaum, George M., and C. C. Haas, to International Harvester Co. 2,690,860, Cl. 222—283.
- Krieghoff, Paul: *See*—
Imhausen, Karl H., and Krieghoff. 2,684,970.
- Krienen, Frank, to Hartford National Bank and Trust Co., as trustee. 2,693,532, Cl. 250—27.
- Krier, Alexander O., to The Scott-Viner Co. 2,693,069, Cl. 55—108.
- Krietemeyer, Fred C., Centralia, Ill. Underframe turning machine. 2,671,956, Mar. 16.

- Krigbaum, Thelma. 2,683,880, Cl. 2—48.
 Krill, Karl E.: *See*—
 Everhart, John O., Krill, Dine, and Van Der Beck.
 Krim-Ko Corp.: *See*—
 Siehrs, Arthur E. 2,687,959.
 Krimmel, Carl P., Mundelein, assignor to G. D. Searle & Co., Chicago, Ill. Basically substituted o-arylamino-benzamides. 2,671,805, Mar. 9.
 Krimmel, Carl P., Mundelein, assignor to G. D. Searle & Co., Chicago, Ill. N-(dialkylaminoalkyl)- β,β,β -triaryl-propionamide. 2,673,862, Mar. 30.
 Krimmel, Carl P., assignor to G. D. Searle & Co. 2,678,321, Cl. 260—389.
 Krimmel, Carl P., to G. D. Searle & Co. 2,688,026, Cl. 260—340.5.
 Krimmel, Carl P., to G. D. Searle & Co. 2,690,442, Cl. 260—294.3.
 Kristensen, Einer. 2,675,624, Cl. 33—170.
 Kritchever, Mathew F., to Traver Corp. 2,683,894, Cl. 18—1.
 Kritscher, Andrew F., to United States Steel Corp. 2,696,378, Cl. 263—52.
 Kroeger, William J.: *See*—
 Turnbull, Norman K., and Kroeger. 2,675,871.
 Turnbull, Norman K., Kroeger, and Putscher. 2,675,872.
 Kroeker, Sanford P.: *See*—
 Lovelady, Isaac W., and Kroeker.
 Krogel, Christopher J., to Western Electric Co., Inc. 2,687,677, Cl. 92—39.
 Kröger, Ferdinand A.: *See*—
 Travnick, Milan M. F. L., Ouweltjes, and Kröger. 2,688,600.
 Kröger, Ferdinand A., and J. van den Boomgaard, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Thallium activated calcium phosphate phosphor containing aluminum. 2,668,148, Feb. 2.
 Kroger, Marlin G.: *See*—
 Keizer, Eugene O., and Kroger. 2,682,606.
 Kroger, William S., Evanston, Ill. Article to alleviate hunger of the stomach. 2,671,899, Mar. 16.
 Krohm, Fred A., to Productive Inventions, Inc. 2,684,079, Cl. 137—493.9.
 Krohm, Fred A., to Productive Inventions, Inc. 2,684,258, Cl. 287—53.
 Krohm, Fred A., to Productive Inventions, Inc. 2,684,261, Cl. 287—126.
 Krohm, Fred A., to Productive Inventions, Inc. 2,693,118, Cl. 74—522.
 Krohm, Fred A., to Productive Inventions, Inc. 2,696,805, Cl. 121—97.
 Krohm, Fred A., to Productive Inventions, Inc. 2,697,419, Cl. 121—97.
 Krohmann, N. W. Herbert. 2,695,024, Cl. 128—283.
 Krohn, Ivar T.: *See*—
 Shapiro, Hymin, and Krohn. 2,688,628.
 Krøldrup, Axel, Frederikshavn, Denmark. Maneuvering device for propeller shafts. 2,672,096, Mar. 16.
 Kroll, Harley E., assignor to Toro Manufacturing Corporation of Minnesota. 2,675,662, Cl. 56—25.4.
 Kroll, Nathan J. 2,677,833, Cl. 5—308.
 Kromer, Wallace R. 2,682,160, Cl. 62—141.
 Kromex Corporation, assignee: *See*—
 Ziskin, Manuel S., and Billig.
 Kromite Products Co., The: *See*—
 Meckler, Joseph G. and M. C. 2,690,983.
 Kromschroder, G., Aktiengesellschaft, assignee: *See*—
 Schwarz, Karl H.
 Kron, Gabriel, to General Electric Co. 2,692,967, Cl. 322—24.
 Kron, Harold O., to Philadelphia Gear Works, Inc. 2,694,320, Cl. 74—625.
 Kroner, George. 2,684,150, Cl. 206—7.
 Kronheim, John H., to Kidde Mfg. Co., Inc. 2,695,036, Cl. 137—625.11.
 Kronlund, Raymond W. 2,694,360, Cl. 100—75.
 Kronner, William O.: *See*—
 Wemp, Ernest E. 2,689,030.
 Kronouer, Johan G., to Hartford National Bank and Trust Co. as trustee; patent dedicated to the public insofar as it relates to lamps and lamp parts. 2,698,257, Cl. 117—18.
 Kronstein, Max. 2,680,723, Cl. 260—18.
 Kropa, Edward L.: *See*—
 Loughran, Gerard A., Dudley, and Kropa. 2,680,110.
 Kropa, Edward L., to American Cyanamid Co. 2,684,920, Cl. 117—143.
 Kropf, Emil, assignor to H. Fleissner & Sohn, Maschinenfabrik, Bayreuth, Germany. Drying device for skeins of yarn. 2,667,707, Feb. 2.
 Kropp, Willis A., to International Business Machines Corp. 2,695,491, Cl. 58—35.
 Krosse, John W.: *See*—
 Goulding, Albert, Jr., Bond, Emrick, and Krosse. 2,689,372.
 Kroth, Robert J., to Askania Regulator Co. 2,687,885, Cl. 271—2.6.
 Krotz, Alvin S., to The B. F. Goodrich Co. 2,689,755, Cl. 287—85.
 Krouse, Glen N.: *See*—
 Haney, George E., and Krouse. 2,697,564.
 Kroy Unshrinkable Wools, Limited, assignee: *See*—
 McLauchlan, John H.
 Krucki, Charles S., Grand Rapids, Mich. Flush tank valve seat and overflow. 2,671,905, Mar. 16.
 Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Tape-dispensing mechanism. 2,665,078, Jan. 5.
 Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Tape-dispensing mechanism with knife-guarding means. 2,670,041, Feb. 23.
 Krueger, Alfred P., to Derby Sealers, Inc. 2,692,436, Cl. 33—131.
 Krueger, Alfred P., to Derby Sealers, Inc. 2,695,057, Cl. 164—39.
 Krueger, Alfred P., to Derby Sealers, Inc. 2,695,058, Cl. 164—39.
 Krueger, Alfred P., Stratford, and O. P. Erhardt, assignors to Derby Sealers, Incorporated, Derby, Conn. Feed control for tape-dispensing devices. 2,670,043, Feb. 23.
 Krueger, Archibald S., and N. J. Slye, to Alwin Mfg. Co. 2,682,441, Cl. 312—61.
 Krueger, Edward C.: *See*—
 Hammond, Lee C., Sutton, Vander Linde, and Krueger. 2,688,275.
 Krueger, Elmer E., to Sunland Latex Products Co. 2,697,229, Cl. 2—267.
 Krueger, Florin W., Chicago, Ill. Turbine pump. 2,671,404, Mar. 9.
 Krueger, Frank W., to T. I. Moseley. 2,690,245, Cl. 192—12.
 Krueger, Harold E., to Mitts and Merrill. 2,696,881, Cl. 164—60.
 Krueger, Henry A., to R. Krasberg & Sons Mfg. Co. 2,691,530, Cl. 275—12.
 Krueger, John, to Ringwood Chemical Corp. 2,684,383, Cl. 260—575.
 Krueger, John, to Fallsington Mfg. Co. 2,689,487, Cl. 74—371.
 Krueger, Max. 2,679,657, Cl. 15—172.
 Krueger, Max E. 2,682,907, Cl. 152—222.
 Krueger, Theodore H., assignor to Better Packages Incorporated. 2,674,975, Cl. 118—226.
 Krueger, Theodore H., assignor to Better Packages Incorporated. 2,675,077, Cl. 164—84.5.
 Kruff Corp.: *See*—
 Kruff, John B. 2,697,253.
 Kruff, Heinrich, Dusseldorf, Germany. Receptacle, particularly for the accommodation of articles of daily use. 2,670,842, Mar. 2.
 Kruff, Heinrich. 2,692,673, Cl. 206—16.
 Kruff, John B., to Kruff Corp. 2,697,253, Cl. 18—30.
 Krug, Albert E., assignor to Becton Dickinson and Company. 2,675,804, Cl. 128—218.
 Krug, Albert E., to Becton Dickinson and Co. 2,687,871, Cl. 251—181.
 Krukoni, Alexander C., to Surprenant Mfg. Co. 2,687,109, Cl. 118—221.
 Krukowski, Kasimir J., to Champion Corp. 2,684,256, Cl. 285—172.
 Krulikowski, Stanley J., Jr., D. C. Manning, and J. F. Clayton, assignors to Bendix Aviation Corporation. 2,674,691, Cl. 250—27.
 Krull, Hans: *See*—
 Ahier, George C., and Krull. 2,680,469.
 Krumbein, Jacob P.: *See*—
 Sisson, Edmond F., Cole, and Krumbein. 2,688,590.
 Krumm, Thelma G., assignee: *See*—
 Messbauer, John.
 Krumm, Thomas F. 2,689,762, Cl. 294—50.6.
 Krummel, Frederick J., to Walworth Co. 2,690,765, Cl. 137—567.
 Krupen, Philip: *See*—
 Heilprin, Laurence B., Krupen, and Nordquist. 2,696,103.
 Krupke, Merton, to Nalley's, Inc. 2,696,903, Cl. 198—37.
 Krupotich, Edward: *See*—
 Gould, Gerald G., Krupotich, Olmsted, and Tucker. 2,693,109.
 Krupp, Carroll P., to The B. F. Goodrich Co. 2,693,222, Cl. 154—1.8.
 Krupp, Carroll P., to The B. F. Goodrich Co. 2,693,223, Cl. 154—8.
 Krupp, Charles E.: *See*—
 Peterson, William R., and Krupp. 2,695,135.
 Smith, William M., and Krupp. 2,689,089.
 Krupp, Helmar, to Hartmann & Braun Aktiengesellschaft. 2,693,103, Cl. 73—27.
 Krupp, Robert F., and P. F. Leavitt, to Gerber Products Co. 2,681,088, Cl. 146—17.
 Krupp, Robert F., and P. F. Leavitt, to Gerber Products Co. 2,697,513, Cl. 209—72.
 Kruppe, Herbert, to H. Oestrich. 2,689,457, Cl. 60—39.72.
 Kruse, Charles C., Bothell, Wash. Multiple cylinder reciprocating pump with rack pinion actuating means. 2,666,396, Jan. 19.
 Kruse, Frode A. 2,678,744, Cl. 214—653.
 Krusemark, Frederick A., Chicago, Ill. Visor assembly for automotive vehicles. 2,665,140, Jan. 5.
 Krusemark, Frederick A., Chicago, Ill. Adjustable vision visor. 2,673,117, Mar. 23.
 Krusemark, Frederick A., to Santay Corp. 2,681,700, Cl. 160—222.
 Kryeske, Raymond S. 2,690,075, Cl. 73—66.
 Krysiak, Zygmunt S. 2,698,074, Cl. 194—100.

- Krzikalla, Hans, Heidelberg, assignor to Badische Anilin- (Rhine), Germany. Production of sulfonyl-isocyanates. & Soda-Fabrik Aktiengesellschaft, Ludwigshafen 2,666,787, Jan. 19.
- Kubelka, Karel: *See*—
Werner, Vilém, and Kubelka. 2,674,272.
Werner, Vilém, and Kubelka. 2,688,345.
- Kubovy, Joseph V., and R. C. Pitney, to Pitney-Bowes, Inc. 2,687,692, Cl. 101—110.
- Kubick, Robert O.: *See*—
Fischer, Anna C., and Kubick. 2,688,960.
- Kubler, Ernest F., Schenectady, N. Y., assignor to General Electric Company. Current measuring device. 2,673,322, Mar. 23.
- Kucera, Clement M., and R. G. Peter, to Reed Roller Bit Co. 2,692,117, Cl. 255—300.
- Kucera, Joseph B. 2,696,703, Cl. 56—23.
- Kucera, Lada, Berkeley, Calif. Multiscale rule. 2,672,692, Mar. 23.
- Kuch, Frederick C., to Bell Telephone Laboratories, Inc. 2,692,499, Cl. 73—159.
- Kuchinsky, Saul, assignor to National Union Radio Corporation. 2,675,500, Cl. 315—21.
- Kuda, Edward G., Brookfield, Ill. Collapsible and extensible luggage carrier. 2,668,061, Feb. 2.
- Kudelski, Stefan, to Hydro-Nitro S. A. 2,681,432, Cl. 321—2.
- Kuebler, Robert A.: *See*—
Fulton, John W., and Kuebler. 2,694,433.
- Kuebler, Robert A., assignor to General Electric Company. 2,679,821, Cl. 118—48.
- Kuebler, Robert A., assignor to General Electric Company. 2,679,822, Cl. 118—48.
- Kuebler, Robert A., assignor to General Electric Company. 2,680,236, Cl. 339—145.
- Kuechenmeister, Gustav A., G. F. Wickle, and E. A. Stiegler, assignors to United States Rubber Company. 2,678,678, Cl. 154—9.
- Kuehling, William E. 2,675,787, Cl. 121—164.
- Kuehn, Gustave C.: *See*—
Terry, Rex A., and Kuehn.
- Kuehn, Harry E., Albany, N. Y. Can opening and contents dispensing device. 2,671,576, Mar. 9.
- Kuehn, Herman, assignor to Gemex Company, Union, N. J. Spring hook clasp. 2,666,243, Jan. 19.
- Kuehn, Howard E., and R. B. Newton, assignors to Whitin Machine Works. 2,677,858, Cl. 19—131.
- Kuehn, Paul C. 2,696,898, Cl. 192—105.
- Kuehner, Richard L., to York Corp. 2,683,074, Cl. 21—53.
- Kuenn, William W., and E. F. Jones, to Owens-Corning Fiberglas Corp. 2,681,702, Cl. 164—17.
- Kuepfer, Matthew C., to Hercules Motors Corp. 2,690,742, Cl. 123—32.
- Kuepfer, Matthew C., to Hercules Motors Corp. 2,696,810, Cl. 123—188.
- Kugel, Fritz K., and W. L. Gsching, to J. M. Voith Maschinenfabrik. 2,687,657, Cl. 74—688.
- Kuh, Erwin, New Brunswick, and D. R. Seeger, Bond Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Thiophosphoric acid derivatives and preparing the same. 2,670,347, Feb. 23.
- Kuh, Erwin, New Brunswick, and R. L. Shepard, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Thiophosphonic acid derivatives and preparing the same. 2,672,459, Mar. 16.
- Kuhary, Emery E.: *See*—
Sawyer, Frederick D., and Kuhary. 2,691,932.
- Kuhary, Emery E., and F. D. Sawyer, to Ford Motor Co. 2,681,536, Cl. 55—62.
- Kuhary, Emery E., and F. D. Sawyer, to Ford Motor Co. 2,685,160, Cl. 56—25.4.
- Kuhary, Emery E., and F. D. Sawyer, to Ford Motor Co. 2,685,453, Cl. 280—461.
- Kühas, Engelbert: *See*—
Brock, Norbert, Kühas, and Schmeisser.
- Kuhlman, Richard, to Radio Corp. of America. 2,692,077, Cl. 229—14.
- Kuhn, Clarence W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Railway car retarder. 2,669,489, Feb. 16.
- Kuhn, Clarence W., Wauwatosa, and T. F. Rosing, Whitefish Bay, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Protective switch. 2,673,268, Mar. 23.
- Kuhn, Clarence W., and J. B. Welch, assignors to Cutler-Hammer, Inc. 2,680,178, Cl. 201—69.
- Kuhn, Clarence W., and T. F. Rosing, to Cutler-Hammer, Inc. 2,689,896, Cl. 200—124.
- Kühn, Eberhard: *See*—
Eidenberg, Josef, Belosa, and Kühn. 2,678,889.
- Kuhn, Frederick J. 2,674,103, Cl. 62—102.
- Kuhn, Joseph A., Sr. 2,690,482, Cl. 200—38.
- Kuhn, Joseph M., to The Sherwin-Williams Co. 2,686,736, Cl. 117—38.
- Kuhn, Max O., to The Firestone Tire & Rubber Co. 2,685,857, Cl. 113—120.
- Kuhn, Richard: *See*—
György, Paul, Kuhn, and Zilliken. 2,694,640.
- Kuhn, Richard, and K. Dury, Heidelberg, Germany. Preparation of furan- α,α' -dicarboxylic acid esters. 2,673,860, Mar. 30.
- Kuhn, Richard, and F. Zilliken, to American Home Products Corp. 2,695,911, Cl. 260—438.
- Kuhn, Theodore F., Kansas City, Kans. Automatic power transmission. 2,664,767, Jan. 5.
- Kuhn, Werner, and H. Verse, to Hartford National Bank and Trust Company, as trustee. 2,685,037, Cl. 250—63.
- Kuhne, Bryan F.: *See*—
Boyden, Robert E., Kuhne, and Parsons. 2,682,994.
- Kuhne, George F., to Becton, Dickinson and Co. 2,681,653, Cl. 128—173.
- Kuhnke, Hellmuth, Malente-Gremsmühlen, Germany. Electric contact device, preferably for relays. 2,666,113, Jan. 12.
- Kuhnle, Orson A. 2,684,655, Cl. 118—42.
- Kuhr, Noel H., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilizing fats and oils and compositions obtained thereby. 2,665,991, Jan. 12.
- Kuhr, Noel H., to Eastman Kodak Co. 2,681,281, Cl. 99—163.
- Kuhr, Noel H., to Eastman Kodak Co. 2,681,282, Cl. 99—163.
- Kuhr, Noel H., to Eastman Kodak Co. 2,681,283, Cl. 99—163.
- Kulansky, Jack K., Brooklyn, assignor to The Hammarlund Manufacturing Company, Inc., New York, N. Y. Selective calling system. 2,671,167, Mar. 2.
- Kulie, Dan: *See*—
Babbitt, Bethel J., Kulie, and Scott. 2,696,167.
- Kulieke, Frederick C., to American Steel Foundries. 2,688,412, Cl. 213—155.
- Kulig, Constantine W., assignor to Embart Manufacturing Company, Hartford, Conn. Lehr. 2,669,070, Feb. 16.
- Kulik, Alphonse C., to United Shoe Machinery Corp. 2,697,238, Cl. 12—85.
- Kuljian Corporation, The, assignee: *See*—
Kuljian, Harry A.
- Kuljian, Harry A., Merion, assignor to The Kuljian Corporation, Philadelphia, Pa. Means for applying treating liquid to a filament as it moves over a thread storing and advancing reel. 2,669,109, Feb. 16.
- Kuljian, Harry A., Merion, Pa. Apparatus for the manufacture of synthetic thread. 2,669,346, Feb. 16.
- Kuljian, Harry A. 2,690,068, Cl. 68—205.
- Kuljian, Harry A. 2,694,308, Cl. 68—205.
- Kulka, Marshall, and R. H. F. Manske, Guelph, Ontario, Canada, assignors to United States Rubber Company, New York, N. Y. Terephthalic acid synthesis. 2,666,786, Jan. 19.
- Kullmer, Frank, Burlingame, assignor to Soule Steel Company, San Francisco, Calif. Prefabricated metal panel joining member. 2,667,242, Jan. 26.
- Kulp, Maurice P., C. D. Vandenberg, and D. C. Chance, to American Viscose Corp. 2,689,784, Cl. 23—260.
- Kulvik, Gunnar, and L. J. Hannunkari. 2,683,366, Cl. 68—181.
- Kumins, Charles A., to Interchemical Corp. 2,683,154, Cl. 260—414.
- Kümmel, Paul, to Inventa A. G. für Forschung und Patentverwertung. 2,681,266, Cl. 18—54.
- Kummer, Theodore H., assignor to Cherry-Burrell Corporation. 2,679,859, Cl. 137—432.
- Kumml, Jakob, Kuesnacht, near Zurich, assignor of three-fourths to A. Minder, Geneva, Switzerland, and D. J. van Aalst and L. Oberlander, Amsterdam, Netherlands. Safety pin. 2,668,996, Feb. 16.
- Kump, Ernest J., Jr., San Francisco, Calif. Desk and seat combination. 2,673,595, Mar. 30.
- Kümpers, Carl L.: *See*—
Dölling, Fritz, and Kümpers. 2,696,643.
- Kumpers, F. A., K. G.: *See*—
Dölling, Fritz, and Kümpers. 2,696,643.
- Kumpf, August W., Conshohocken, and T. A. Harvey, Havertown, assignors to American Engineering Company, Philadelphia, Pa. Steering apparatus. 2,667,746, Feb. 2.
- Kumpfer, Beverly D., to the United States of America as represented by the Secretary of the Army. 2,683,256, Cl. 333—95.
- Kung, Frederick E.: *See*—
Stevens, Henry C., and Kung. 2,680,109.
- Kuniholm, David A., assignor to Rodney Hunt Machine Company, Orange, Mass. Roll. 2,671,262, Mar. 9.
- Kunin, Robert: *See*—
Thurmon, Francis M., and Kunin. 2,684,321.
- Kunin, Robert, and S. Rothman, assignors to Rohm & Haas Company. 2,677,670, Cl. 260—2.2.
- Kunin, Robert, and F. X. McGarvey, to Rohm & Haas Co. 2,692,244, Cl. 260—2.2.
- Kunkel, Aloysius T. 2,686,943, Cl. 20—69.
- Kunkel, Bert, Chicago, Ill. Spring supported seat for golf bag carriers. 2,673,589, Mar. 30.
- Kunkle Valve Co.: *See*—
Davenport, James D. 2,689,581.
- Kuns, Robert J., and C. R. Hoyt. 2,677,170, Cl. 29—95.
- Kuntke, Alfred, assignor to Hartford National Bank and Trust Company, as trustee. 2,676,296, Cl. 321—16.
- Kuntke, Alfred, Hamburg-Wellingsbuttel, and H. Mester, Hamburg, Germany, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Protecting device for X-ray apparatus. 2,667,587, Jan. 26.
- Kuntz, Al: *See*—
Hower, Russell E., and Kuntz.
- Kuntz, Theodore F., G. J. Disberger, and A. L. Cocherell, assignors to Diamond Alkali Company. 2,676,998, Cl. 260—654.
- Kunz, Althea W. 2,695,412, Cl. 5—99.

- Kunz, Charles B.: *See*—
Babbitt, Bernard R., and Kunz. 2,690,431.
- Kunz, Eric C., Montclair, N. J., W. H. Weston, Winchester, Mass., M. W. Jennison, Syracuse, N. Y., H. R. Sweet, Medford, Mass., and G. C. Kitchens, Rutherford, N. J., assignors to The Givaudan Corporation. Forming a lignin concentrate. 2,671,751, Mar. 9.
- Kunz, Frederick J., to Car Carrier Equipment Co. 2,694,597, Cl. 296—1.
- Kunz, Georges E. 2,674,392, Cl. 222—80.
- Kunz, John, assignor to Miller Printing Machinery Co. 2,678,602, Cl. 101—247.
- Kunzelman, George R.: *See*—
Hill, Laurence B., and Kunzelman. 2,684,145.
- Kunzler, William S., and W. J. Russell, assignors to Robertshaw-Fulton Controls Company. 2,679,560, Cl. 200—61.86.
- Kuoni, Xavier. 2,679,081, Cl. 24—23.
- Kupchuk, Abraham. 2,682,830, Cl. 99—397.
- Kupiec, Emil J., Chicago, and W. M. Wisner, Elmwood Park, Ill. Surface masking shield for painters. 2,672,122, Mar. 16.
- Kupfer, Allen M.: *See*—
Davidson, George W., Kupfer, and Kilmer.
- Kupfer, Norman, Miami Beach, Fla. Utility and safety prop for baby carriages. 2,671,671, Mar. 9.
- Kupfer, Reinhold G. 2,689,395, Cl. 29—129.
- Kupiec, Harry P., Paramus, assignor to Air Associates, Incorporated, Teterboro, N. J. Relief valve. 2,667,893, Feb. 2.
- Kupjack, Eugene J.: *See*—
Hips, Herbert E. and Kupjack. 2,695,607.
- Kupper, William H., assignor to Royal Typewriter Company, Inc. 2,675,902, Cl. 197—17.
- Kupski, Joseph.: *See*—
Oliver, Conrad J., and Kupski. 2,677,041.
- Kupski, Joseph, to The Chicago Hardware Foundry Co. 2,691,407, Cl. 155—95.
- Kurland, Jerome J., Chicago, and Joseph J. Kurland, Glencoe, Ill. Apparatus for making terminal strips. 2,667,203, Jan. 26.
- Kurland, Joseph J.: *See*—
Kurland, Jerome J., and Joseph J. Kurland.
- Kurland, Morris, E. B. Slaff, and G. H. Corey, to E. Slaff, and G. H. Corey. 2,696,872, Cl. 155—182.
- Kurlandsky, Sam, assignor to Burgess Battery Company, Freeport, Ill. Battery with conductive wax intercell connections. 2,666,803, Jan. 19.
- Kurlinski, Bernard J., Rhinelander, Wis. Rewind core spacer. 2,671,618, Mar. 9.
- Kurshan, Jerome, assignor to Radio Corporation of America. 2,679,592, Cl. 250—36.
- Kurshan, Jerome, to Radio Corp. of America. 2,690,534, Cl. 321—2.
- Kurth, Ervin F., to State of Oregon, acting by and through the Oregon State Board of Forestry. 2,697,717, Cl. 260—424.
- Kurth, Franz J., assignor to Anemostat Corporation of America, New York, N. Y. Air distributing device. 2,671,394, Mar. 9.
- Kurth, Franz J., to Anemostat Corp. of America. 2,684,025, Cl. 98—40.
- Kurth, Franz J., and L. R. Phillips, to Anemostat Corp. of America. 2,684,024, Cl. 98—40.
- Kurtz, Edward F.: *See*—
Moorehead, John O., Kurtz, and Glidden.
- Kurtz, Herman C.: *See*—
Miller, Harry L., and Kurtz. 2,696,998.
- Kurtz, Kenneth W.: *See*—
Kuzma, John J., Kurtz, and Baker. 2,685,155.
- Kurtz, Lillian Hess, assignee: *See*—
Mueller, Herman H.
- Kurtz, Lowell M., to General Electric Co. 2,686,404, Cl. 62—1.
- Kurtz, John, Chicago, Ill. Combination window and storm window construction. 2,666,963, Jan. 26.
- Kurtz, Peter, Leverkusen-Bayerwerk, and H. E. E. Schwarz, Leverkusen-Wiesdorf, assignors to Farbenfabriken Bayer Aktiengesellschaft, Leverkusen, Germany. Producing organic unsaturated nitriles. 2,665,297, Jan. 5.
- Kurtzhals, Wallace: *See*—
Traisman, Edwin, and Kurtzhals. 2,683,665.
- Kurtzon, Charles K., Chicago, Ill., assignor to Garden City Plating & Manufacturing Co. Combination reflector and showcase frame member. 2,665,370, Jan. 5.
- Kurtzon, Charles K., assignor to Garden City Plating & Manufacturing Co. 2,680,502, Cl. 189—85.
- Kurtzon, George B., and F. J. Bienias, to Garden City & Mfg. Co. 2,692,802, Cl. 308—3.8.
- Kurtzwarth, Emerson L.: *See*—
Busch, Rudolph E., and Kurtzwarth.
- Kurz, Henry M.: *See*—
Millard, Everett M., Turner, Kurz, and Dockery.
- Kurz-Kasch, Inc.: *See*—
Bauman, Joseph J., and Dean. 2,691,552.
- Kurzenberger, Richard F.: *See*—
Farrington, Robert K. and T. B., and Kurzenberger.
- Kush, Warren J.: *See*—
Johnson, Agnar, Atwood, and Kush. 2,694,828.
- Kushner, Israel: *See*—
Grubelic, Nicholas. 2,685,135.
- Kushner, Morton: *See*—
Tuckerman, Arnold J., Kushner, and Gallaccio. 2,696,936.
- Kushner, Samuel: *See*—
Smith, Victor K., Jr., and Kushner. 2,677,686.
- Williams, James H., and Kushner. 2,677,641.
- Kushner, Samuel, assignor to American Cyanamid Company. 2,678,331, Cl. 260—465.
- Kushnir, Andrew S. 2,686,690, Cl. 294—50.7.
- Kusiv, James J.: *See*—
Macy, James C., and Kusiv.
- Kusiv, James J., assignor to Kenwood Engineering Co., Inc. 2,678,693, Cl. 164—61.
- Kusiv, James J., to Colfax Associates. 2,690,318, Cl. 248—43.
- Kusman, David: *See*—
Lamquet, Charles, and Kusman. 2,686,711.
- Kuss, Ralph L., Findlay, Ohio. Flat bottomed tubular container. 2,673,024, Mar. 23.
- Kuss, Ralph L. 2,685,385, Cl. 222—183.
- Kusznir, Phillip S., Santa Monica, Calif. Brush with soap supply. 2,669,738, Feb. 23.
- Kut-Rite Corporation: *See*—
Visconti, Matthew. 2,685,664.
- Kuts, Mathew, to The B. F. Goodrich Co. 2,693,236, Cl. 164—76.
- Kutz, Karl B.: *See*—
Strickler, Kenneth H., and Kutz. 2,682,770.
- Kutz, Martin J., to The Martin Co. 2,693,652, Cl. 38—121.
- Kutzler, Robert J., assignor to Minneapolis-Honeywell Regulator Company. 2,675,511, Cl. 318—257.
- Kutzler, Robert J., to Minneapolis-Honeywell Regulator Co. 2,683,003, Cl. 244—77.
- Kutzler, Robert J., R. E. Di Vette, and S. H. Crowell, to Minneapolis-Honeywell Regulator Co. 2,684,074, Cl. 137—66.
- Kuykendall, Charles W., Greenville, S. C. Picker stick check. 2,672,893, Mar. 23.
- Kuyper, Herman S., assignor to Rolscreen Company. 2,677,420, Cl. 160—206.
- Kuzma, John-J., K. W. Kurtz, and C. A. Baker, to Minnesota Mining & Mfg. Co. 2,685,155, Cl. 51—195.
- Kuzmick, Joseph N., and L. S. Hilton, Clifton, assignors to Raybestos-Manhattan Inc., Passaic, N. J. Manufacture of felted-fiber reinforced abrasive products. 2,673,146, Mar. 23.
- Kuzmin, Walter R.: *See*—
Persak, George, Jr., and Kuzmin.
- Kuzmitz, Andrew A., assignor to Bendix Aviation Corporation, South Bend, Ind. Starting system for gas turbine engines. 2,667,742, Feb. 2.
- Kvalnes, Donovan E., and N. O. Brace, to E. I. du Pont de Nemours & Co. 2,691,566, Cl. 8—115.5.
- Kvalnes, Donovan E., and N. O. Brace, to E. I. du Pont de Nemours & Co. 2,691,567, Cl. 8—115.5.
- Kvalnes, Hamline M., and L. T. Sherwood, Jr., to E. I. du Pont de Nemours & Co. 2,691,638, Cl. 260—17.3.
- Kvetinskas, Bruno: *See*—
Ipatieff, Vladimir N., Pines, and Kvetinskas.
- Pines, Herman, and Kvetinskas.
- Kwake, Andrew J. 2,684,994, Cl. 174—51.
- Kwake, John P. 2,684,483, Cl. 2—177.
- Kwartz, Michael J., assignor of one-half to G. M. Trankla, Van Nuys, Calif. Fuel vaporizer for internal-combustion engines. 2,668,900, Feb. 9.
- Kwast, Chester Z., Oak Ridge, Tenn. Dispenser for administering liquid medicine to infants. 2,673,563, Mar. 30.
- Kwauk, Mooson: *See*—
Garbo, Paul W., and Kwauk. 2,674,525.
- Kwauk, Mooson, assignor to Hydrocarbon Research, Inc., New York, N. Y. Gasification of solid carbonaceous materials. 2,665,200, Jan. 5.
- Kwikform Ltd.: *See*—
Hawes, Albert H. 2,687,268.
- Kwik-Mix Company, assignee: *See*—
Lichtenberg, Erich H., and Jones.
- Kyle, Joseph H., assignor to Armstrong Cork Company. 2,676,315, Cl. 340—270.
- Kynard, Edward D., 50% to T. G. Gayle. 2,691,976, Cl. 126—229.
- Kyrides, Lucas P., and F. B. Zienty, assignors to Monsanto Chemical Company. 2,674,598, Cl. 260—256.4.
- L. L. H. Co.: *See*—
Rouy, Auguste L. M. A. 2,684,329.
- La Cellophane: *See*—
Cherigie, Pierre. 2,694,300.
- Geffroy, Georges, and Vanet. 2,688,829.
- La Precision Industrielle (Societe Anonyme), assignee: *See*—
Gamet, Louis J. M. 2,574,461.
- La Radio Industrie, assignee: *See*—
Cahen, Roger.
- De France, Henri G. M., and Feyzeau. 2,690,471.
- Mandel, Paul.
- La Societe Anonyme "Extraction continue De Smet": *See*—
De Smet, Jean A. 2,684,288.
- La Télémécanique Electrique (Société Anonyme): *See*—
Filliette, Raymond. 2,695,939.
- Laager, Kaspar: *See*—
Siegenthaler, Walter, and Laager.

- Lankso, Thomas T. M., and D. D. Reynolds, assignors to Eastman Kodak Company, Rochester, N. Y. Polyamides of dialkyl dicarboxylates and 2,6-diaminopyridine, and quaternary salts thereof. 2,671,071, Mar. 2.
- Lankso, Thomas T. M., and D. D. Reynolds, to Eastman Kodak Co. 2,694,699, Cl. 260—79.3.
- La Bar, Samuel W. 2,690,892, Cl. 248—52.
- La Baume, Hypolite L., Toccoa, Ga., assignor to R. G. Le Tournau, Inc., Peoria, Ill. Voltage regulating system. 2,668,270, Feb. 2.
- La Belle Industries, Inc., assignee: *See*—
- Birbaum, Lester W. 2,678,117.
- Birbaum, Lester W. 2,678,119.
- Birbaum, Lester W. 2,694,937.
- Laber, Ernest J., assignor to Westinghouse Air Brake Company. 2,678,851, Cl. 303—14.
- Labhart, Hans: *See*—
- Müller, Willy, and Labhart. 2,692,915.
- Labino, Dominick, to Glass Fibers, Inc. 2,685,526, Cl. 106—50.
- Labino, Dominick, to Glass Fibers, Inc. 2,685,527, Cl. 106—50.
- Labino, Dominick, to Glass Fibers, Inc. 2,692,220, Cl. 154—101.
- Labolle, Georges. 2,693,092, Cl. 62—129.
- La Bombard, Leon E., Nashua, N. H. Collapsible box. 2,673,679, Mar. 30.
- Laboratories Om. Société Anonyme: *See*—
- Esteve, Antonio. 2,689,847.
- La Borde, Robert C.: *See*—
- Goetz, Dorothy N., and La Borde.
- La Bour Company, Inc., The, assignee: *See*—
- La Bour, Harry E.
- La Bour, Harry E., assignor to The La Bour Company, Inc., Elkhart, Ind. Impeller and shaft construction. 2,669,938, Feb. 23.
- Laboureix, Roger: *See*—
- De Lagrevol, Maxime, and Laboureix.
- La Briere, Nelson W., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner thread guard on converter port covers. 2,671,923, Mar. 16.
- La Burthe, Pierre: *See*—
- Arbeit, Pierre, and La Burthe. 2,677,003.
- Arbeit, Pierre, and La Burthe. 2,691,689.
- Labus, Otto A., E. T. Neubauer, and R. G. Miner, assignors to The Trane Company, La Crosse, Wis. Compressor unloading means. 2,673,025, Mar. 23.
- Lace, Florence H. and W. P.; said F. H. Lace to said W. P. Lace. 2,685,317. Cl. 150—1.5.
- Lace, William P.: *See*—
- Lace, Florence H. and W. P. 2,685,317.
- Lacefield, Mabel M.: *See*—
- Lacefield, Willie A. 2,693,642.
- Lacefield, Willie A., $\frac{1}{2}$ to M. M. Lacefield. 2,693,642, Cl. 33—1.
- Lacey, Edward D., to Russell-Lacey Mfg. Co. 2,696,181, Cl. 112—266.
- Lacey, John S.: *See*—
- Dawson, Harry A., Jr. 2,693,358.
- Lachaise, Jean C. 2,675,777, Cl. 116—137.
- Lachance, Armand. 2,689,134, Cl. 280—33.99.
- Lachapelle, Jérôme, St. Joseph, Quebec, assignor to Drummondville Cotton Company Limited, Montreal, Quebec, Canada. Loom stop motion. 2,668,562, Feb. 9.
- Lachapelle, Jérôme, to Drummondville Cotton Co. Ltd. 2,684,086, Cl. 139—340.
- Lacher, Karl K., $\frac{1}{2}$ to N. P. Phillips. 2,698,115, Cl. 222—499.
- Lackey, John R., Jr.: *See*—
- Church, Richard D. 2,692,991.
- Lackner Co., Inc., The: *See*—
- Frank, Herbert J. 2,691,305.
- Lackner, Robert V., J. A. Logan, and V. J. Winkle, assignors to Magnethermic Corporation. 2,676,234, Cl. 219—10.67.
- Lackritz, Samuel J., assignor to Kee Zipper Corporation, New York, N. Y. Hookless slide fastener. 2,671,258, Mar. 9.
- Lackritz, Samuel J. 2,681,492, Cl. 24—205.15.
- Lacoste, David. 2,676,839, Cl. 296—23.
- La Course, Eugénie: *See*—
- Anello, Tony A., and La Course. 2,696,177.
- Lacrinoid Products Ltd.: *See*—
- Meyer, Hans. 2,688,579.
- Lacy-Hulbert, Cyril, assignor to Simplex Electric Company Limited. 2,678,749, Cl. 217—32.
- Lacy, Kenneth B., assignor to Lighting Products, Inc., Highland Park, Ill. Lighting louver. 2,665,784, Jan. 12.
- Ladd, Elbert C.: *See*—
- Brooks, Marvin C., and Ladd.
- Ladd, Elbert C., and M. P. Harvey, Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Alkyl esters of polyhalogenoalkenyl malonic acids. 2,667,505, Jan. 26.
- Ladd, Elbert C., and H. Sargent, to United States Rubber Co. 2,688,043, Cl. 260—648.
- Ladd, Jasper R.: *See*—
- Tegtmann, Milburn G. 2,695,802.
- Ladewig, Archie, Co.: *See*—
- Ladewig, Archie E. 2,687,203.
- Ladewig, Archie E., to Archie Ladewig Co. 2,687,203, Cl. 198—25.
- Ladisch, Rolf K., assignor to Texiclon Corporation. 2,674,025, Cl. 28—82.
- La Doux, Helen H. 2,682,055, Cl. 2—49.
- La Drigue, Marlin J. 2,694,398, Cl. 128—329.
- Laely, Andreas: *See*—
- Schibler, Luzius, and Laely. 2,680,101.
- Laemmle, George J., Jr., assignor to Jefferson Chemical Company, Inc. 2,675,401, Cl. 260—450.
- Laetari, Henry: *See*—
- Newcomb, Howard L., Werner, Myers, and Laetari.
- Laetari, Henry, to Roberts Mfg. Co. 2,692,987, Cl. 1—102.
- La Femina, Frank A., New York, N. Y. Gear checking device. 2,669,028, Feb. 16.
- Laferte, Albert A., assignor to Draper Corporation. 2,679,268, Cl. 139—313.
- Lafenillade, Marcel, to R. Lebocey, J. H. J. Couste, and A. L. S. and B. J. E. Lebocey. 2,694,305, Cl. 66—157.
- Lafferty, Edward C.: *See*—
- Getz, Delmond L., and Lafferty.
- Lafferty, Raymond E.: *See*—
- Hathaway, Jarrett L., and Lafferty. 2,692,306.
- La Flame, Frank E.: *See*—
- Warrick, Leland K., and La Flame.
- La Floridienne J. Buttgenbach & Cie S. A.: *See*—
- Lamquet, Charles, and Kusman. 2,686,711.
- La Fond, Louis A. 2,697,627, Cl. 294—32.
- Lafontant, Jean W. 2,676,194, Cl. 260—769.
- Lafreniere, Eugene A.: *See*—
- Brawley, Jack A. 2,684,606.
- Lafreniere, Eugene A. 2,694,328, Cl. 81—53.
- Lagardère, Alberto, assignor to J. B. Tivollier, Barcelona, Spain. Dial indicator. 2,673,400, Mar. 30.
- Lage, Arthur P. 2,691,958, Cl. 119—51.
- Lage, Frederick A. 2,675,782, Cl. 119—61.
- Laguzzi, Mario, to Poirrette Corsets, Inc. 2,696,615, Cl. 2—36.
- Labatie, Emile. 2,682,791, Cl. 76—46.
- Lahti, Arvo A.: *See*—
- Robinson, Charles F., and Lahti.
- Lahti, Arvo A., assignor to Consolidated Engineering Corporation. 2,676,270, Cl. 250—83.6.
- Lahti, Arvo A., assignor to Consolidated Engineering Corporation. 2,680,383, Cl. 74—528.
- Lahti, Arvo A., P. S. Goodwin, and C. G. Blanchard, to Consolidated Engineering Corp. 2,696,562, Cl. 250—41.9.
- Laibow, Jules, to Cardinal Chemical Corp. 2,685,020, Cl. 219—44.
- Laibow, Jules, to Cardinal Chemical Corp. 2,690,501, Cl. 219—44.
- Laibson, Irvin M., Cincinnati, Ohio. Case for glasses. 2,667,965, Feb. 2.
- Laidig, John F., assignor to Bell Telephone Laboratories, Incorporated. 2,676,258, Cl. 250—36.
- Laidig, John F., to Bell Telephone Laboratories, Inc. 2,694,142, Cl. 250—20.
- Laidlaw, Frank G.: *See*—
- Talbot, Leonard L., and Laidlaw. 2,682,136.
- Laidlaw, Howard G., assignor to Brown & Bigelow. 2,674,288, Cl. 150—1.6.
- Laidlaw, Ronald. 2,691,528, Cl. 273—134.
- Laiho, Jalmer M., assignor to Felt & Tarrant Manufacturing Company. 2,677,500, Cl. 235—82.
- Laiho, Jalmer M., to Felt & Tarrant Mfg. Co. 2,682,028, Cl. 318—485.
- Laing, Gordon F., to Economy Fuse and Mfg. Co. 2,688,676, Cl. 200—123.
- Laing, Gordon F., to Economy Fuse and Mfg. Co. 2,688,677, Cl. 200—123.
- Laing, Gordon F., and G. Rensner, to Economy Fuse and Mfg. Co. 2,694,124, Cl. 200—123.
- Lair, Julien J. B., to International Standard Electric Corp. 2,691,727, Cl. 250—27.
- L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude: *See*—
- Etienne, Alfred. 2,690,655.
- Etienne, Alfred. 2,692,484.
- Sauvage, Henri. 2,682,221.
- Sauvage, Henri. 2,685,836.
- Laird, Hugh M., and M. Campagna, assignors to Bristol Manufacturing Corporation. 2,680,310, Cl. 36—50.
- Lajeunesse, Victor J., R. T. Trier, and W. L. Espenschied, to The Superior Switchboard & Devices Co. 2,695,923, Cl. 174—52.
- La Kaff, Edward P. 2,674,746, Cl. 5—82.
- La Kaff, Edward P. 2,674,748, Cl. 5—116.
- Lakatos, Emory, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Computer for multiple ballistics. 2,670,134, Feb. 23.
- Lakatos, Emory, assignor to Bell Telephone Laboratories, Incorporated. 2,674,409, Cl. 235—61.
- Lakatos, Emory, and H. G. Och, to Bell Telephone Laboratories, Inc. 2,686,636, Cl. 235—61.5.
- Lakatos, Robert J., Detroit, Mich. Card holder. 2,665,916, Jan. 12.
- Lake, George L.: *See*—
- Caldwell, John R., and Lake. 2,682,380.
- Lake, Howard L. 2,674,961, Cl. 108—30.
- Lake, Irving A.: *See*—
- Hyser, Charles L., and Lake.
- Lake, Tolvo W. 2,687,187, Cl. 184—55.
- Lake Shore Industries, Inc., assignee: *See*—
- Breisch, John H. 2,679,786.

- Lake State Products, Inc., assignee: *See*—
Hollerith, Charles. 2,675,010.
MacDonald, John, and Meadowcroft.
Lakey, Arthur B., to Kinsbury Machine Works, Inc.
2,691,556, Cl. 308—168.
Lakin, A., & Sons, Inc.: *See*—
Lakin, Oscar. 2,690,752.
Lakin, Oscar, to A. Lakin & Sons, Inc. 2,690,752, Cl.
130—5.
Lakomski, John. 2,674,045, Cl. 33—172.
Lakso, Eino E., Fitchburg, Mass. Article counting and
tilling. 2,671,589, Mar. 9.
Lakso, Eino E., to Sterling Drug Inc. 2,685,767, Cl.
53—33.
La Lande, William A., Jr., G. Molyneux, and M. E. Aeugle,
to The Pennsylvania Salt Mfg. Co. 2,696,509, Cl. 260—
648.
Lalanne, Edmond. 2,674,144, Cl. 82—17.
La Marr, John E. 2,676,421, Cl. 35—29.
La Mastra, Joseph C.: *See*—
Johnson, Ernest H., and La Mastra. 2,696,386.
Lamb, Anthony H., Hillside, assignor to Weston Electrical
Instrument Corporation, Newark, N. J. Visual alarm
for aircraft indicators and the like. 2,671,208, Mar. 2.
Lamb, Anthony H., to Weston Electrical Instrument Corp.
2,681,572, Cl. 73—338.
Lamb, Anthony H., Hillside, and E. G. De Mott, Chat-
ham, assignors to Weston Electrical Instrument Cor-
poration, Newark, N. J. Sensitive relay. 2,668,208,
Feb. 2.
Lamb, Anthony H., and E. R. Kebbon, assignors to Weston
Electrical Instrument Corporation. 2,679,758, Cl.
73—367.
Lamb, Anthony H., and E. F. Adams, to Western Electrical
Instrument Corp. 2,694,930, Cl. 73—362.
Lamb, Clyde C. 2,698,049, Cl. 155—125.
Lamb, Daniel M. 2,696,825, Cl. 135—1.
Lamb, Ernest P., Grosse Pointe Park, assignor to Chrysler
Corporation, Highland Park, Mich. Fan shroud.
2,668,523, Feb. 9.
Lamb, Ernest P., to Chrysler Corp. 2,684,204, Cl. 237—
123.
Lamb, Francis X., to Weston Electrical Instrument Corp.
2,684,862, Cl. 292—3.
Lamb, Frederick S.: *See*—
Hermanson, Herman E., and Lamb.
Lamb-Grays Harbor Company, assignee: *See*—
Viger, Avenon S.
Lamb, Harold T. 2,692,105, Cl. 248—19.
Lamb, Harold T. 2,692,122, Cl. 259—81.
Lamb, Harold T. 2,692,123, Cl. 259—85.
Lamb, Harold T. 2,697,464, Cl. 146—49.
Lamb, Harold T. 2,698,164, Cl. 259—108.
Lamb, Miles A., and J. J. Klein, to Chicago Pump Co.
2,686,139, Cl. 134—29.
Lamb, Robert H., Darien, Conn., assignor to Air Reduc-
tion Company, Incorporated. Electric arc furnace and
cover with electrodes and feed conduits. 2,672,491,
Mar. 16.
Lamb, Vernon A., and E. F. Osborn, to the United States
of America as represented by the Secretary of the Army.
2,687,591, Cl. 42—76.
Lambach, Fritz, Tenafly, assignor to Robert Reiner, Inc.,
Weehawken, N. J. Straight bar knitting machine and
operating same. 2,666,311, Jan. 19.
Lambach, Fritz, assignor to Robert Reiner, Inc. 2,678,551,
Cl. 66—149.
Lambach, Fritz, to Robert Reiner, Inc. 2,685,788, Cl.
66—149.
Lambach, Fritz, to Robert Reiner, Inc. 2,687,629, Cl.
66—96.
Lambach, Fritz, to Robert Reiner, Inc. 2,688,860, Cl.
66—86.
Lambach, Fritz, Tenafly, and W. Siegel, Union City, as-
signors to Robert Reiner, Inc., Weehawken, N. J. Warp
knitting machine. 2,664,724, Jan. 5.
Lambdin, Howard B.: *See*—
Bencal, John R. 2,686,490.
Lambers, Bernard: *See*—
Harriss, Lloyd J., and Lambers. 2,692,691.
Lambert, Adolor A. 2,674,675, Cl. 200—167.
Lambert Brake Corporation, assignee: *See*—
Parrett, Dent. 2,679,769.
Lambert Co., The: *See*—
Hetterick, Raymond D. 2,696,456.
Lambert, Donovan E. C., assignor to International Stand-
ard Electric Corporation. 2,680,229, Cl. 332—56.
Lambert, Edgar D., to Underwood Corp. 2,681,719, Cl.
197—33.
Lambert, Joseph M.: *See*—
Davidson, Hugh R., and Lambert. 2,682,801.
Lamberth, George F., $\frac{1}{2}$ to C. Canion. 2,691,908, Cl.
81—1.
Lamborn, Bayard T., and R. A. Leonard, to Hercules
Powder Co. 2,694,059, Cl. 260—230.
La Mere, Frank J., K. F. Johnson, and O. C. Winzen,
Minneapolis, Minn., assignors to General Mills, Inc.
Balloon construction. 2,666,006, Jan. 12.
La Mers, Herbert, New York, and C. Leicht, Brooklyn, N.
Y. Powder dispensing device. 2,670,103, Feb. 23.
Laminated Lumber Products, Inc.: *See*—
Winkel, Victor J. 2,684,149.
Laminex Corporation, assignee: *See*—
Neville, Hugh, Jr., and Ferguson. 2,676,729.
Lamison, William F., assignor to Pittsburgh-Erie Saw
Corporation. 2,677,218, Cl. 51—135.
Lamkin, Elver B. and J. H., to Lamkin Leather Co.
2,692,389, Cl. 2—260.
Lamkin, Joseph H.: *See*—
Lamkin, Elver B. and J. H. 2,692,389.
Lamkin Leather Co.: *See*—
Lamkin, Elver B. and J. H. 2,692,389.
Lamm, Arnold E.: *See*—
Snyder, Clifford H., Lamm, Carothers, and McCarthy.
2,694,562.
Lamm, Uno, and A. Arvidsson, to Allmanna Svenska
Elektriska Aktiebolaget. 2,683,225, Cl. 307—64.
Lammers, Bessie B.: *See*—
Lammers, Harold C. F. and B. B.
Lammers, Gerald J. 2,675,312, Cl. 92—21.
Lammers, Harold C. F. and B. B., Akron, Ohio. Ski
sleigh. 2,666,652, Jan. 19.
La Monica, Frank, Unionville, assignor to The United Tool
& Die Company, Elmwood, Conn. Burnishing appara-
tus. 2,664,675, Jan. 5.
La Mountain, William E. 2,696,630, Cl. 15—257.
Lampe, Robert C., assignor to Electrolux Corporation.
2,676,669, Cl. 183—37.
Lampe, Robert C., to Electrolux Corp. 2,682,317, Cl.
183—62.
Lampe, Robert C., to Electrolux Corp. 2,683,501, Cl.
183—62.
Lampman, James A.: *See*—
Hansen, Otto A., and Lampman. 2,680,582.
Lampman, James A., and H. E. Remillard, to Northrop
Aircraft, Inc. 2,685,813, Cl. 87—1.
Lampo, Lawrence C., Jr., assignee: *See*—
Pugh, Joseph M.
Lampport, Ivan R.: *See*—
Williams, Russell C., Mogk, Cambron, and Lampport.
2,678,703.
Lamquet, Charles, and D. Kusman; $\frac{1}{3}$ to La Floridienne J.
Buttgenbach & Cie S. A., $\frac{1}{3}$ to C. Lamquet, and $\frac{1}{3}$ to
D. Kusman. 2,686,711, Cl. 23—61.
Lancaster, Arthur W., and D. C. Patmore, assignors of
50% to Williams & Wilson Limited, and 50% to E. Long
Limited. 2,674,074, Cl. 53—64.
Lancaster, Earl B.: *See*—
Beal, Robert E., and Lancaster. 2,674,609.
Lancaster, John F.: *See*—
Botham, George H., Lancaster, and Dawson.
2,689,177.
Lance, Inc., assignee: *See*—
Knee, Aaron A. 2,679,811.
Lanciani, Daniel A., assignor to Sylvania Electric Prod-
ucts Inc. 2,676,306, Cl. 333—21.
Land, Edwin H., assignor to Polaroid Corporation, Cam-
bridge, Mass. Magazine structure for self-processing
film. 2,669,168, Feb. 16.
Land, Edwin H., assignor to Polaroid Corporation, Cam-
bridge, Mass. Photographic article for making a one
step transfer image. 2,669,516, Feb. 16.
Land, Edwin H., assignor to Polaroid Corporation, Cam-
bridge, Mass. Film processing apparatus which em-
ploys liquid-carrying containers. 2,671,389, Mar. 9.
Land, Edwin H., assignor to Polaroid Corporation, Cam-
bridge, Mass. Film-processing apparatus which em-
ploys liquid-carrying containers. 2,671,393, Mar. 9.
Land, Edwin H., to Polaroid Corp. 2,686,716, Cl. 95—8.
Land, Edwin H., to Polaroid Corp. 2,686,717, Cl. 95—8.
Land, Edwin H., to Polaroid Corp. 2,687,478, Cl. 250—68.
Land, Edwin H., to Polaroid Corp. 2,689,306, Cl.
250—68.
Land, Edwin H., to Polaroid Corp. 2,689,308, Cl. 250—83.
Land, Edwin H., to Polaroid Corp. 2,692,830, Cl. 95—88.
Land, Edwin H., to Polaroid Corp. 2,698,236, Cl. 95—8.
Land, Edwin H., to Polaroid Corp. 2,698,237, Cl. 95—8.
Land, Edwin H., to Polaroid Corp. 2,698,238, Cl. 95—8.
Land, Edwin H., to Polaroid Corp. 2,698,244, Cl. 95—88.
Land, Edwin H., to Polaroid Corp. 2,698,245, Cl. 95—88.
Land, Edwin H., and R. C. Casselman, to Polaroid Corp.
2,692,675, Cl. 206—46.
Land, Harry A., to International Harvester Co.
2,683,064, Cl. 305—9.
Land, Malcolm L., and S. F. Brust, to Elliott Co.
2,695,767, Cl. 253—78.
Land, Thomas, and R. C. Jewell, assignors to The Sheffield
Smelting Company Limited. 2,677,005, Cl. 136—5.
Landau, Edward F.: *See*—
Salvin, Victor S., and Landau.
Landau, Lucian, Chingford, London, assignor to Latex
Industries Limited, London, England. Production of
rubber products having an annular rim such as vaginal
diaphragms. 2,668,329, Feb. 9.
Landau, Max A., assignor to L. Lewkowicz. 2,680,075,
Cl. 99—7.
Landauer, Fred S., Rockville Centre, N. Y. Switch ar-
rangement for electrotherapeutic treatment plants.
2,671,176, Mar. 2.
Landell, Stanford, to General Motors Corp. 2,698,203,
Cl. 301—37.
Landenberger, Eugen, and O. Eberle. 2,674,416, Cl.
242—54.
Landenberger, Ulric: *See*—
Nelson, Noral A., and Landenberger. 2,685,988.
Nelson, Noral A., and Landenberger. 2,694,279.

- Lander, Fred A., to W. F. Long. 2,692,795, Cl. 296—102.
 Lander, James G., Cincinnati, assignor to Diamond Alkali Company, Cleveland, Ohio. Preventing adhesion. 2,671,747, Mar. 9.
 Lander, James J., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Plating with sulfides, selenides, and tellurides of chromium, molybdenum, and tungsten. 2,671,739, Mar. 9.
 Lander, James J., to Bell Telephone Laboratories, Inc. 2,690,980, Cl. 117—50.
 Landers, Frary & Clark: See—
 Anderson, Oscar M. 2,688,379.
 Kircher, Paul J. 2,690,853.
 Landers, Thomas R., Holyoke, assignor to Moore Drop Forging Company, Springfield, Mass. Apparatus for spreading split bars to circular forms. 2,670,025, Feb. 23.
 Landes, Chester G., and W. F. Reynolds, Jr., to American Cyanamid Co. 2,694,630, Cl. 92—3.
 Landes, Spencer H.: See—
 Uraneck, Carl A., and Landes. 2,679,497.
 Uraneck, Carl A., and Landes. 2,694,053.
 Landgraber, Fred A., Sr., Port Newark, N. J., assignor to Drumstick, Inc., Fort Worth, Tex. Apparatus for completing and packaging a frozen confection. 2,670,887, Mar. 2.
 Landgraf, Francis J., and R. P. Chicago, Ill. Synchronous electric clock motor. 2,665,389, Jan. 5.
 Landgraf, George F., assignor to Trion, Inc. 2,675,090, Cl. 183—7.
 Landgraf, Richard P.: See—
 Landgraf, Francis J. and R. P.
 Landis, George G., South Euclid, and N. J. Hoenie, Cleveland Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Combined welding head and flux hopper for continuous welding. 2,666,832, Jan. 19.
 Landis & Gyr, A. G., assignee: See—
 Greulich, Karl.
 Laternser, Albin. 2,689,684.
 Wilthert, Max. 2,688,683.
 Winet, Hans. 2,697,145.
 Winet, Hans, and Kaser. 2,694,525.
 Landis Machine Co.: See—
 Berkey, Harry L., and Hieber. 2,688,144.
 Nell, Frederic. 2,694,322.
 Reimschuessel, Charles A. 2,681,460.
 Reimschuessel, Charles A. 2,678,825.
 Landis, Phillip S.: See—
 White, Ralph V., Landis, and Backensto. 2,686,713.
 Landis, Phillip S., H. D. Norris, and R. V. White, to Socony-Vacuum Oil Co., Inc. 2,693,448, Cl. 252—33.4.
 Landis Tool Company, assignee: See—
 Balsiger, Harold E. 2,675,240.
 Balsiger, Harold E. 2,694,883.
 Flohr, William P., Jr. 2,678,521.
 Price, Ralph E., and Balsiger. 2,697,426.
 Landgraf, Esther S. 2,679,957, Cl. 223—88.
 Landmeier, Edwin W.: See—
 Boller, William D., Berkley, Ernst, and Landmeier. 2,677,734.
 Boller, William D., Berkley, Ernst, and Landmeier. 2,685,011.
 Landolt, Karl. 2,692,471, Cl. 57—58.49.
 Landon, Richard W.: See—
 Smoot, Charles H., and Landon. 2,677,123.
 Landon, Steven, to Washex Machinery Corp. 2,685,188, Cl. 68—24.
 Landon, Vernon D., Princeton, N. J., assignor to Radio Corporation of America. Apparatus for generating rotating magnetic fields. 2,672,576, Mar. 16.
 Landquist, Nils D.: See—
 Erikson, Carl O., and Landquist. 2,696,098.
 Landreth, Herschell C. 2,676,810, Cl. 279—51.
 Landrey, Francis X., to Stephens-Adamson Mfg. Co. 2,687,798, Cl. 198—128.
 Landrey, Leo R., to Sylvania Electric Products Inc. 2,682,619, Cl. 313—54.
 Landrum, John P., Centralia, Ill. Brake shoe adjuster. 2,670,058, Feb. 23.
 Landry, Jacobus M., Summerland, British Columbia, Canada. Rotating stalk cutting roller. 2,669,079, Feb. 16.
 Landsiedel, Walter W., to Remington Rand Inc. 2,688,439, Cl. 235—60.15.
 Landwehr, Richard F., to American Safety Razor Corp. 2,686,966, Cl. 30—40.
 Landwehr, Richard F., to American Safety Razor Corp. 2,686,967, Cl. 30—40.
 Landwier, William G., Fayetteville, assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Filter. 2,666,529, Jan. 19.
 Landwier, William G., assignor to Easy Washing Machine Corporation. 2,677,464, Cl. 210—138.
 Landwier, William G., to Easy Washing Machine Corp. 2,683,941, Cl. 34—234.
 Landwier, William G., to Easy Washing Machine Corp. 2,684,137, Cl. 192—12.
 Landwier, William G., to Easy Washing Machine Corp. 2,692,682, Cl. 210—63.
 Lane, Clifford J., to Daystrom, Inc. 2,697,386, Cl. 93—81.
 Lane, David, to Progress Mfg. Co., Inc. 2,688,690, Cl. 240—51.12.
 Lane, David L. 2,697,372, Cl. 81—179.
 Lane, Harold, to United Shoe Machinery Corp. 2,694,816, Cl. 12—1.
 Lane, John J., to The Gulberson Corp. 2,695,672, Cl. 166—131.
 Lane, Richard, assignee: See—
 Davis, John W.
 Lane, Robert F., assignor to United Shoe Machinery Corporation. 2,677,140, Cl. 12—16.5.
 Lane, Seth C. 2,678,849, Cl. 300—2.
 Lane, Stanley, to Debonair Belt, Inc. 2,681,453, Cl. 2—322.
 Lane, Stanley C.: See—
 Catterall, William E., and Lane.
 Watts, Rhea N., Krebs, and Lane. 2,684,986.
 Lane, Stanley C., Roselle, and H. H. Vickers, Union, N. J., assignors to Standard Oil Development Company. Handling finely divided solid materials. 2,667,280, Jan. 26.
 Lane, Thomas L. 2,690,615, Cl. 30—6.1.
 Lane-Wells Company, assignee: See—
 Forsyth, Valoris L., and Dillon. 2,679,898.
 Miner, Keith H.
 Osborn, Landon C. 2,679,899.
 Otis, Russell M., and Vigilante. 2,679,028.
 Thaxton, Luther C. 2,678,101.
 Turechek, George F. 2,683,786.
 Whitmore, Raymond A. 2,687,823.
 Whitmore, Raymond A. 2,691,459.
 Lane, Wyvona A.: See—
 Hein, Delton W., and Lane. 2,688,617.
 Lane, Wyvona A., and D. W. Hein, to American Cyanamid Co. 2,681,926, Cl. 260—505.
 Laneri, James N. 2,688,912, Cl. 99—336.
 Lanfear, Joseph P. 2,680,145, Cl. 174—84.
 Lang, Albert, Oakland, Calif. Screen holding strip securing means. 2,665,753, Jan. 12.
 Lang, Albert. 2,687,772, Cl. 160—327.
 Lang, Albert. 2,692,017, Cl. 160—327.
 Lang, Albert P., to The International Electronics Co. 2,698,183, Cl. 274—17.
 Lang, Clarence A. 2,691,492, Cl. 242—97.
 Lang, Clarence C. 2,685,310, Cl. 144—299.
 Lang, Franz, to Durex S. A. 2,687,121, Cl. 123—32.
 Lang, George A., to United Shoe Machinery Corp. 2,698,001, Cl. 118—246.
 Lang, Harry, St. Paul, Minn. Dress. 2,666,920, Jan. 26.
 Lang, Henry C. 2,689,016, Cl. 181—31.
 Lang, Henry T., to General Electric Co. Re. 23,852, Cl. 183—37.
 Lang, Heinrich, Munich, Germany. Fuel injection and distributing apparatus for internal-combustion engines. 2,667,152, Jan. 26.
 Lang, Ivan R. 2,683,052, Cl. 292—304.
 Lang, Karl A., Glenview, assignor to Lindberg Engineering Company, Chicago, Ill. Current control apparatus. 2,667,616, Jan. 26.
 Lang, Karl A., to Lindberg Engineering Co. 2,694,176, Cl. 323—2.
 Lang, Karl A., to Lindberg Engineering Co. 2,694,740, Cl. 13—22.
 Lang, Louis, and R. J. Baird, Philadelphia, Pa., assignors to The National Sugar Refining Company, New York, N. Y. Plasticizer and moisture retentive composition for paper and paper containing it. 2,666,713, Jan. 19.
 Lang, Paul W., Los Angeles, Calif., assignor to Tobey Maltz Foundation, Inc., New York, N. Y. Growing figure toy. 2,669,063, Feb. 16.
 Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter line feed transmitting and counting apparatus. 2,672,508, Mar. 16.
 Lang, Wilmarth Y., to Bell Telephone Laboratories, Inc. 2,692,911, Cl. 178—42.
 Langan, John F., to Filmsort Inc. 2,690,021, Cl. 40—158.
 Langberg, Edwin, Philadelphia, Pa., assignor to the United States of America as represented by the Secretary of the Army. Maximum voltage selector. 2,667,590, Jan. 26.
 Langdon, Jesse D. 2,675,823, Cl. 137—218.
 Lange, Ferdinand, assignor to W. Bahlens. 2,676,747, Cl. 229—31.
 Lange, Ferdinand, to W. Bahlens. 2,692,078, Cl. 229—16.
 Lange, George H.: See—
 Montgomery, Donald H., Pethybridge, and Lange. 2,680,281.
 Lange, Harold T., Webster Groves, assignor to Sporlan Valve Co., Inc., St. Louis, Mo. Refrigerant flow control. 2,669,849, Feb. 23.
 Lange, Harold T., and C. C. Grote, to Sporlan Valve Co., Inc. 2,694,904, Cl. 62—3.
 Lange, Heinrich, Hamburg, Germany. Brake for hoists, elevators, or the like, and brake actuator. 2,673,628, Mar. 30.
 Lange, Max H., to Slidlock International, Ltd. 2,693,217, Cl. 153—1.
 Lange, Norbert H.: See—
 Schmidt, Theodore D. 2,696,802.
 Langel, Gérard, to Compagnie Horlogere "Ultra." 2,696,073, Cl. 58—82.
 Langen, Mathias, to The Loewy Engineering Co. Ltd. 2,686,443, Cl. 80—48.
 Langen, Ole H.: See—
 Maxwell, Ira C., and Langen.
 Maxwell, Ira C., Langen, and Plehal. 2,687,241.

- Langenbahn, Albert E. 2,674,003, Cl. 17—12.
 Langenberg, Earl W., to Keystone Steel & Wire Co. 2,683,474, Cl. 140—88.
 Langer, Julian. 2,682,162, Cl. 62—175.5.
 Langer, Leo T.: *See—*
 Colmerauer, Andrew J. 2,690,783.
 Colmerauer, Andrew J., and Langer. 2,696,264.
 Langer, Nicholas. 2,675,054, Cl. 154—42.
 Langer, Nicholas. 2,682,294, Cl. 154—42.
 Langer, Olgierd. 2,697,562, Cl. 242—55.3.
 Langer, Theodore W.: *See—*
 Langerak, Esley O., to E. I. du Pont de Nemours and Co. 2,692,874, Cl. 260—77.5.
 Langerak, Esley O., L. J. Prucino, and W. R. Remington, to E. I. du Pont de Nemours & Co. 2,692,873, Cl. 260—77.5.
 Langevin, Edgar R. 2,693,046, Cl. 43—17.
 Eckert, George W., and Langer.
 Langford, Osborne H. 2,696,142, Cl. 88—93.
 Langille, Wilfred O., Chester, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Vacuum cleaner dust brush supporting means. 2,672,643, Mar. 23.
 Langille, Wilfred O., to The Singer Mfg. Co. 2,692,781, Cl. 285—84.
 Langley Alloys Limited, assignee: *See—*
 Richardson, William H.
 Langley, Marcus, J. J. Gerritsen, and R. E. Funnell, to Tiltman Langley Laboratories Ltd. 2,695,461, Cl. 34—181.
 Langlois, Gordon E., to California Research Corp. 2,695,324, Cl. 260—674.
 Langlois, Roland E., West Warwick, and L. G. Blumenbaum, Cranston, R. I., assignors to P. L. Schulz, Philadelphia, Pa. Napper. 2,667,681, Feb. 2.
 Langman, Harry. 2,691,838, Cl. 40—113.
 Lanknickel, Arvid: *See—*
 Eickemeyer, Heinz. 2,691,445.
 Lanham, Lena E. 2,674,228, Cl. 120—28.
 Lanice, Theodore R., Freeport, N. Y. Chess game device. 2,667,353, Jan. 26.
 Lanier Aircraft Corporation, assignee: *See—*
 Lanier, Edward M. 2,678,784.
 Lanier, Edward M., assignor to Lanier Aircraft Corporation. 2,678,784, Cl. 244—42.
 Lanigan, Harold T.: *See—*
 Puffer, Harold L. 2,687,256.
 Lankro Chemicals Ltd.: *See—*
 Koebner, Adolf. 2,686,795.
 Lannefors, Lennart, assignor to Allmanna Svenska Elektriska Aktiebolaget. 2,674,878, Cl. 73—170.
 Lanner, John H. 2,686,974, Cl. 33—173.
 Lanninger, Karl L. 2,686,529, Cl. 137—322.
 Lanoie, Raymond A., to Lew Mfg. Co. 2,693,171, Cl. 120—42.03.
 Lanova Corporation, assignee: *See—*
 Jackson, Robert J.
 Lansil, Clifford E., to The Gamewell Co. 2,685,612, Cl. 178—69.5.
 Lansing, Charles B., and E. G. Hart, assignors to The Arco Company, Cleveland, Ohio. Instantaneous coating material heating unit. 2,665,944, Jan. 12.
 Lansing, Charles B., and E. G. Hart, assignors to The Arco Company, Cleveland, Ohio. Valve controlled coating material heating unit. 2,670,238, Feb. 23.
 Lanter, Clarence W. 2,693,312, Cl. 230—117.
 Lantz, Louis A., and A. Schofield, assignors to The Calico Printers' Association Limited, Manchester, England. Manufacture of polyvinyl aromatic acetals and pigments therefrom. 2,668,803, Feb. 9.
 Lantz, Louis A., A. Schofield, and E. Spinner, assignors to The Calico Printers' Association Limited, Manchester, England. Pigments and molding powders comprising polyvinyl acetal resins dyed with azo dyes. 2,668,804, Feb. 9.
 Lantz, Robert H. 2,682,260, Cl. 123—90.
 Lantz, William H., Jr.: *See—*
 Cole, Thomas M., and Lantz. 2,684,417.
 Lanyon, Burton W. 2,681,959, Cl. 200—84.
 Lanzilotti, Anthony E., Belleville, A. C. Shabica, Livingston, and J. B. Ziegler, assignors to Ciba Pharmaceutical Products, Incorporated, Lafayette Park, Summit, N. J. Splitting aralkyl-heterocyclic thioethers with aluminum bromide. 2,666,764, Jan. 19.
 La Padula, Alfred W. 2,682,683, Cl. 16—86.
 Lapanouse S. A., assignee: *See—*
 Ciana, Jean.
 Lapetina, Herbert N. 2,678,543, Cl. 62—91.5.
 Lapeyre, Fernand S. and J. M., to The Peelers Co. 2,694,218, Cl. 17—2.
 Lapeyre, James M.: *See—*
 Lapeyre, Fernand S. and J. M. 2,694,218.
 Lapidus, Morris. 2,693,694, Cl. 72—43.
 Lapin, John, assignor to The Dow Chemical Company. 2,678,480, Cl. 22—79.
 Lapinski, Walter F., and J. L. Scott, Seattle, Wash. Telephone and memorandum paper holder. 2,667,367, Jan. 26.
 La Point, James P. 2,675,528, Cl. 339—31.
 Lapointe Machine Tool Co., The: *See—*
 Phaneuf, Wilrose J. 2,697,271.
 Laport, Edmund A., to Radio Corp. of America. 2,688,081, Cl. 250—33.53.
 La Porte, Lynn R.: *See—*
 Halamka, Charles J., and La Porte.
 Lapp Insulator Co., Inc.: *See—*
 Wilson, Lawrence F. 2,691,943.
 Lappin, Lester S., assignor to Radio Corporation of America. 2,678,391, Cl. 250—27.
 Lapple, Walter C., to The Dorr Co. 2,684,869, Cl. 302—17.
 Lapple, Walter C., and H. W. Behme, to The Dorr Co. 2,684,890, Cl. 23—288.
 Lapsley, Robert, assignor to Clark Equipment Company.
 Buchanan, Mich. Drive means. 2,669,132, Feb. 16.
 Lapsley, Robert, assignor to Clark Equipment Company.
 Buchanan, Mich. Transmission. 2,671,544, Mar. 9.
 Lapsley, Robert, assignor to Clark Equipment Company. 2,677,970, Cl. 74—330.
 Lapsley, Robert, to Clark Equipment Co. 2,690,244, Cl. 192—4.
 Lapsley, Robert, to Clark Equipment Co. 2,690,714, Cl. 103—38.
 Laramée, Emile A., Chicopee, Mass. Jet engine vacuum expansion nozzle. 2,671,313, Mar. 9.
 Laraque, Roland, assignor to L'Auxiliaire Industrielle, Paris, France. Seal ring. 2,671,703, Mar. 9.
 Larcén, Jan A., to Aktiebolaget Atlas Diesel. 2,694,383, Cl. 121—31.
 Large, Frederick E.: *See—*
 Walker, Cyril H., and Large. 2,694,788.
 Larger, Norbert C. 2,679,288, Cl. 155—188.
 Lark-Horovitz, Karl, and R. M. Whaley, to Purdue Research Foundation. 2,691,577, Cl. 75—134.
 Larkin Coils, Inc.: *See—*
 White, Causley L. 2,688,850.
 Larkin, Frances R., and J. E. Nemitz. 2,696,007, Cl. 2—171.
 Larkin, George R., to the United States of America as represented by the Secretary of the Air Force. 2,697,349, Cl. 73—212.
 Larkin, Geraldine, assignee: *See—*
 Harding, Robert J., and Dawson. 2,677,395.
 Larkin, James F. 2,695,087, Cl. 192—33.
 Larkin, James F., New York, N. Y. Device consisting of rotatable and extensible means for conducting electrical current. 2,673,966, Mar. 30.
 Larkin Lectro Products Corp.: *See—*
 Larkin, Sam. 2,681,682.
 Larkin, Robert B., Jr., to The Patrol Valve Co. 2,692,113, Cl. 251—73.
 Larkin, Sam, to Larkin Lectro Products Corp. 2,681,682, Cl. 153—17.
 Larney, Ruth. 2,687,722, Cl. 128—156.
 Laros, R. K., Silk Company, assignee: *See—*
 Laros, Russell K.
 Laros, Russell K., assignor to R. K. Laros Silk Company, Bethlehem, Pa. Stocking. 2,668,430, Feb. 9.
 Laros, Russell K., assignor to R. K. Laros Silk Company, Bethlehem, Pa. Woven textile item and filament yarn. 2,668,564, Feb. 9.
 La Rosa, Stefano, to V. La Rosa & Sons, Inc. 2,686,720, Cl. 99—85.
 La Rosa, V., & Sons, Inc.: *See—*
 La Rosa, Stefano. 2,686,720.
 Larrabee, Clinton E., and C. T. Young, to International Business Machines Corp. 2,695,492, Cl. 58—35.
 Larrecq, Anthony J., Yardley, Pa., assignor to Baldwin-Lima-Hamilton Corporation. Turbocharger. 2,668,006, Feb. 2.
 Larrowe, Arthur M., Bellflower, Calif. Lawn mower grass catching and discharging attachment. 2,670,587, Mar. 2.
 Larry, Clifford C. 2,686,023, Cl. 244—108.
 Larsen, Aubrey A., to Sterling Drug Inc. 2,691,678, Cl. 260—570.
 Larsen, Bernard M., Fair Haven, N. J., assignor to United States Steel Corporation. Aspirator thermocouple mounting for measuring the temperature of hot gases. 2,669,593, Feb. 16.
 Larsen, Carl H., to American Machine & Foundry Co. 2,692,177, Cl. 312—71.
 Larsen, Earl I., A. S. Doty, and D. A. Williams, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact material and making the same. 2,669,512, Feb. 16.
 Larsen, Einer W., to Western Electric Co., Inc. 2,685,362, Cl. 203—20.
 Larsen, Elmer J., and C. W. Ruth, to Western Electric Co., Inc. 2,684,050, Cl. 118—405.
 Larsen, Finn J., to Minneapolis-Honeywell Regulator Co. 2,687,611, Cl. 60—39.28.
 Larsen, Fridthiof O. V., assignor to Aktiebolaget Duba. 2,675,961, Cl. 235—61.
 Larsen, Fritz. 2,694,803, Cl. 340—280.
 Larsen, George E., to Northrop Aircraft, Inc. 2,696,241, Cl. 153—48.
 Larsen, Gerald G. 2,682,118, Cl. 35—35.
 Larsen, Harry L., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Pencil. 2,669,222, Feb. 16.
 Larsen, Joseph C., to Gates and Sons Inc. 2,694,419, Cl. 140—149.
 Larsen, Leonard O., assignor to Western Electric Company, Incorporated. 2,675,188, Cl. 242—56.
 Larsen, Lewis, and E. S. Madsen, Menominee, Mich., as signors to Heywood-Wakefield Company, Gardner, Mass. Spring filled cushion. 2,673,599, Mar. 30.

- Larsen, Oscar P.: *See*—
 Carlson, Carl H., Frieberg, and Larsen.
 Frieberg, Nelson R., and Larsen.
 Frieberg, Nelson R., and Larsen. 2,692,726.
- Larsen, Robert. 2,696,691, Cl. 43—9.
- Larsen, Viggo G. 2,687,154, Cl. 146—85.
- Larsen, Albert J. and R. D., and A. F. Erickson. 2,684,542, Cl. 37—86.
- Larson, Andrew B. 2,687,571, Cl. 30—171.
- Larson, Arvid G., to G. A. Larson. 2,681,042, Cl. 121—18.
- Larson, Carl E., assignor to Tomlinson, Inc. 2,674,386, Cl. 214—148.
- Larson, Carl V., assignor to Sunset Electric Co., Seattle, Wash. Heat exchange means for liquid coolers. 2,672,323, Mar. 16.
- Larson, Charles O. 2,677,583, Cl. 311—99.
- Larson, Christian C., to Farnsworth Research Corp. 2,690,519, Cl. 313—90.
- Larson, Conrad N. 2,683,641, Cl. 312—39.
- Larson, David C.: *See*—
 Marks, Alexander, and Larson. 2,690,547.
- Larson, Gail V.: *See*—
 Roshkind, Allan I., Larson, and Rosenberger. 2,684,628.
- Larson, George A.: *See*—
 Larson, Arvid G. 2,681,042.
- Larson, George A. 2,687,600, Cl. 51—191.
- Larson, George A. 2,687,601, Cl. 51—191.
- Larson, Harry, Duquesne, Pa. Water circulator or booster pump. 2,673,523, Mar. 30.
- Larson, Karl R., Alton, Ill. Weedless fishhook. 2,664,662, Jan. 5.
- Larson, Kenneth R.: *See*—
 Brown, George R., and Larson.
- Larson, Kenneth R., to Snap-on Tools Corp. 2,682,796, Cl. 81—52.5.
- Larson, Lester L., to E. I. du Pont de Nemours & Co. 2,691,575, Cl. 75—77.
- Larson, Martin, Upper Darby, assignor to Richard H. Prewitt, trading as Prewitt Aircraft Co., Wallingford, Pa. Molding apparatus. 2,664,593, Jan. 5.
- Larson, Marvin, A. L. Stedman, and F. T. Dannemiller, to Convoy, Inc. 2,682,362, Cl. 229—23.
- Larson, Richard C., to the United States of America as represented by the Secretary of the Army. 2,689,938, Cl. 324—20.
- Larson, Robert D.: *See*—
 Larson, Albert J. and R. D., and Erickson. 2,684,542.
- Larson, Robert R.: *See*—
 Smith, Howard W., and Larson.
- Larson, Robert H., to Du Kane Corp. 2,696,140, Cl. 88—17.
- Larson, Robert J., Springfield, Mass., assignor, by mesne assignments, to The Chemstrand Corporation. Removing small quantities of dimethylamine from dimethylacetamide. 2,667,451, Jan. 26.
- Larson, Thorvald H., J. D. Mayer, E. Pfafman, W. H. Cook, Jr., and J. F. Kirkbride, to Boeing Airplane Co. 2,696,355, Cl. 244—78.
- Larson, Winston E.: *See*—
 Brown, John H., Jr., and Larson. 2,676,997.
- Larsson, Ernst A., assignor to The Ohio Brass Company. 2,677,472, Cl. 213—76.
- Larsson, Ernst A., to The Ohio Brass Co. 2,691,701, Cl. 191—59.1.
- Larsson, Karl-Hugo, Stockholm, Sweden. Shearing board, particularly for fishing trawl nets. 2,664,660, Jan. 5.
- Larsson, Karl-Hugo, Stockholm, Sweden. Trawl net. 2,671,288, Mar. 9.
- Larsson, Olof E., Orebro, Sweden. Apparatus and process for corrugating paper. 2,668,573, Feb. 9.
- Larsson, Oscar U.: *See*—
 Stahl, Nils E. J., and Larsson. 2,693,871.
 Stahl, Nils E. J., and Larsson. 2,695,749.
- La Rue, Albert D.: *See*—
 Kline, Jack, and La Rue. 2,698,421.
- La Russa, Joe. 2,674,807, Cl. 33—169.
- Larzelere, Henry B.: *See*—
 Donaldson, John S., and Larzelere. 2,684,069.
- Lasak, Frank J., to General Electric Co. 2,697,058, Cl. 154—122.
- La Salle Steel Company, assignee: *See*—
 See, Theodore S., and Frommelt. 2,680,283.
- Lasater, John A., to Herman Pneumatic Machine Co. 2,685,834, Cl. 101—4.
- Laserson, Frederick M., Los Angeles, Calif. Micrometer. 2,666,263, Jan. 19.
- Lash, Joseph F., Ferndale, assignor to General Motors Corporation, Detroit, Mich. Antihunting system for constant speed engines. 2,668,921, Feb. 9.
- Laskey, Benjamin G. and W. P. 2,690,369, Cl. 311—99.
- Laskey, Walter P.: *See*—
 Laskey, Benjamin G. and W. P. 2,690,369.
- Laskowitz, Isidor B., Brooklyn, N. Y. Variable speed counter-rotating rotor system for helicopters and control means therefor. 2,667,227, Jan. 26.
- Laskowitz, Isidor B. 2,690,886, Cl. 244—7.
- Laskowski, Stanley C.: *See*—
 Clinton, Raymond O., and Laskowski.
 Clinton, Raymond O., and Laskowski. 2,689,248.
 Clinton, Raymond O., and Laskowski. 2,691,025.
 Clinton, Raymond O., and Laskowski. 2,691,041.
- Lasley, George H.: *See*—
 Long, Stanley E., and Lasley. 2,681,762.
- Lasley, James B., assignor to The Springs Cotton Mills. 2,678,483, Cl. 26—1.
- Lasley, Robert: *See*—
 Spier, Hans G., and Lasley.
- Lassen, Hans G. 2,681,206, Cl. 254—190.
- Lassiat, Raymond C., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Elevation of subdivided solids. 2,673,832, Mar. 30.
- Lassiter, Joseph B., Jr., to Phillips Petroleum Co. 2,696,169, Cl. 102—20.
- Lassman, Benjamin and L. A., to Benjamin Lassman & Son. 2,683,982, Cl. 73—37.
- Lassman, Benjamin, & Son: *See*—
 Lassman, Benjamin and L. A. 2,683,982.
 Lassman, Leo A. 2,684,590.
- Lassman, Leo A.: *See*—
 Lassman, Benjamin and L. A. 2,683,982.
- Lassman, Leo A., to Benjamin Lassman & Son. 2,684,590, Cl. 73—37.
- Lasure, Esther P.: *See*—
 Gaver, Kenneth M., Lasure, and Tieszen.
 Gaver, Kenneth M., Tieszen, and Lasure.
- Latapie, Marcel: *See*—
 Génini, Victor, and Latapie.
- Latensner, Albin, to Landis & Gyr, A. G. 2,689,684, Cl. 235—61.
- Latex Industries Limited, assignee: *See*—
 Landau, Lucian.
- Latham, Douglas: *See*—
 Power, Basil D., and Latham. 2,696,344.
- Latham, Henry H., and J. R. Morton, to Morton Chemical Co. 2,686,121, Cl. 92—21.
- Lathe, Frank E., to Canadian Refractories Ltd. 2,694,620, Cl. 23—201.
- Lathrop, Carl M., and C. E. Loeser, to Standard Oil Development Co. 2,685,685, Cl. 340—282.
- Lathrop, Harry D., and E. E. Hageline, to The Lathrop-Paulson Co. 2,696,822, Cl. 134—115.
- Lathrop-Paulson Co., The: *See*—
 Lathrop, Harry D., and Hageline. 2,696,822.
- Latieule, Yves, $\frac{1}{2}$ to Societe dite: Comptoir Linier. 2,690,194, Cl. 139—16.
- Latimer, Charles A. 2,674,108, Cl. 64—29.
- Latimer-Needham, Cecil H.: *See*—
 Cobham, Alan J., Latimer-Needham, and Macgregor. 2,692,103.
 Cobham, Alan J., Latimer-Needham, Smith, and Macgregor. 2,692,102.
- Latin, Aubrey, assignor to British Insulated Callender's Cables Limited. 2,674,373, Cl. 207—2.
- Latour, André. 2,686,243, Cl. 200—148.
- Latour, André, assignor to The Etablissements Merlin & Gerin (Societe Anonyme), Grenoble, France. Device for extinguishing electrical arcs. 2,668,890, Feb. 9.
- Latour, André, and A. Viboud, to The Etablissements Merlin & Gerin (Societe Anonyme). 2,689,888, Cl. 200—49.
- La Tour, Clifford S., Milwaukee, Wis., assignor to Lyn-Chicago Corporation, Chicago, Ill. Infant's self-feeding dish. 2,672,697, Mar. 23.
- La Trique Brassiere Company, assignee: *See*—
 Vale, Arthur, and Rothstein.
- Latta, Edward, to Redmond Co., Inc. 2,691,894, Cl. 74—75.
- Latta, James E.: *See*—
 Pearce, Frank G., and Latta. 2,695,163.
- Lattner, Emert J. 2,684,865, Cl. 299—39.
- Lattof, Alphonse, Mobile, Ala. Cigarette extinguisher. 2,666,437, Jan. 19.
- Lattuca, John. 2,697,836, Cl. 2—209.
- Latulippe, Bazile A.: *See*—
 McMahon, John P., and Latulippe.
- Latzen, Josef, to A. Ehrenreich & Cie. 2,695,185, Cl. 287—90.
- Lau Blower Co., The: *See*—
 Burrowes, John B. 2,686,630.
- Laubhan, Bennie B. 2,688,204, Cl. 43—12.
- Laubmeyer, Guenther W., and M. E. Smits, Kassel-Wilhelmshohe, Germany. Tin solder. 2,671,844, Mar. 9.
- Laucher, Richard G., to Westinghouse Electric Corp. 2,693,078, Cl. 60—35.6.
- Lauck, John A., South Euclid, Ohio, assignor to Borg-Warner Corporation, Chicago, Ill. Pumping system. 2,665,637, Jan. 12.
- Lauck, John A., Shaker Heights, Ohio, assignor to Borg-Warner Corporation, Chicago, Ill. Gear pump. 2,665,638, Jan. 12.
- Lauck, John A., Shaker Heights, Ohio, assignor to Borg-Warner Corporation, Chicago, Ill. Pump, pressure loaded, with differential valve. 2,665,641, Jan. 12.
- Lauck, John A., assignor to Borg-Warner Corporation. 2,676,548, Cl. 103—126.
- Lauck, John A., to Borg-Warner Corp. 2,685,342, Cl. 180—79.2.
- Lauck, John A., to Borg-Warner Corp. 2,694,979, Cl. 103—16.
- Lauck, John A., Shaker Heights, and J. A. Compton, South Euclid, Ohio, assignors to Borg-Warner Corporation, Chicago, Ill. Reversible gear pump. 2,665,636, Jan. 12.
- Lauck, John A., and J. A. Compton, to Borg-Warner Corp. 2,694,980, Cl. 103—87.
- Laucks, Howard H., Boonton, assignor to Bendix Aviation Corporation, Teterboro, N. J. Motion transmittal and sealing means therefor. 2,666,658, Jan. 19.

- Laucks, Howard H., assignor to Bendix Aviation Corporation. 2,679,237, Cl. 137—56.
- Laudahl, Mark J., Dallas, Oreg. Trailer hitch and automatic brake actuator. 2,672,221, Mar. 16.
- Lauer, George G.: *See—*
Passino, Herbert J., and Lauer.
- Laufer, Max J., to Fried. Krupp Stahlbau Rheinhausen. 2,695,501, Cl. 61—25.
- Laufer, Theodor, assignor to Societe Nationale de Constructions Aeronautiques du Sud-Ouest (Societe Anonyme). 2,677,429, Cl. 170—160.13.
- Lauffer, Jacob R., Valley Stream, N. Y., assignor, by mesne assignments, to Hills-McCanna Company, Chicago, Ill. Automatic counting and tabbing machine for presses. 2,666,372, Jan. 19.
- Lauffenburger, Lewis P. 2,677,530, Cl. 256—13.1.
- Laughlin, Kenneth C., assignor to Hercules Powder Company. 2,680,738, Cl. 260—233.
- Laugle, Millard J.: *See—*
Hillenbrand, George C., and Laugle.
- Laugle, Millard J., Sr. 2,687,792, Cl. 193—37.
- Lauder, Ernie L., assignor to H. & L. Tooth Company, Montebello, Calif. Resilient coupling pin. 2,669,153, Feb. 16.
- Lauder, Ernie L., to H. & L. Tooth Co. 2,687,585, Cl. 37—142.
- Laurel Pottery Mfg. Co.: *See—*
Glaab, William L., and Wilson. 2,680,893.
- Laurence, Scott, & Electromotors Ltd.: *See—*
Wheeler, Harold D. 2,688,114.
- Laurence, Vane, to Pratt-Low Preserving Co. 2,687,156, Cl. 146—238.
- Laurens, Mathew T., and S. J. Anderson. 2,680,933, Cl. 46—60.
- Laurent, Milton P., Houston, Tex. Closure joints. Re. 23,805, Mar. 23.
- Laurent, Milton P., Houston, Tex., assignor to W-K-M Company. Gate valve. 2,666,615, Jan. 19.
- Laurent, Milton P., Houston, Tex., assignor to W-K-M Company. Double-disk gate valve having means to eliminate pressure lock. 2,670,752, Mar. 2.
- Laurent, Milton P. 2,687,229, Cl. 220—46.
- Lauring, Edgar A.: *See—*
Enzmann, Ralph, Laurant, and Kirk. 2,684,093.
- Lautenberger, Elmer W., to General Electric Co. 2,697,184, Cl. 315—177.
- Lautenschlager, William F., to The Randall Co. 2,682,090, Cl. 20—74.
- Lauterbach, Norman E., to Ritter Co., Inc. 2,682,916, Cl. 155—116.
- Lautie, Raymond: *See—*
Khndzorian-Iablokoff, Arthur, Delord, Falinski, and Lautie. 2,674,543.
- Lautner, Max W., Webster Groves, assignor to Knapp-Monarch Company, St. Louis, Mo. Dual-purpose fan. 2,667,301, Jan. 26.
- Lautner, Max E., Webster Groves, assignor to Knapp-Monarch Company, St. Louis, Mo. Fan structure. 2,673,029, Mar. 23.
- Lautzenhiser, Argyle G.: *See—*
Elliott, Harold V., and Lautzenhiser. 2,690,483.
- Hartzell, Herman L., and Lautzenhiser.
- Lautzenhiser, Argyle G., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine governor. 2,664,868, Jan. 5.
- Lautzenhiser, Argyle G., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine governor. 2,664,906, Jan. 5.
- Laux, Karl, Hannover-Linden, Germany. Sprinkling apparatus. 2,670,237, Feb. 23.
- L'Auxiliaire Industrielle, assignee: *See—*
Laraque, Roland.
- Laval, Claude, Jr. 2,677,996, Cl. 95—11.
- Lavalley, James E.: *See—*
Gload, Richard A. and P. C., and Lavalley. 2,688,299.
- Lavarack, Frederick C., to Railroad Accessories Corp. 2,683,048, Cl. 287—20.3.
- Lavarack, Frederick C., to Railroad Accessories Corp. 2,693,972, Cl. 287—20.3.
- La Vecchia, Frank A. 2,687,837, Cl. 226—2.
- Lavelle, William P. 2,683,260, Cl. 340—280.
- Lavender, Harrison M., Jr., and J. R. B. Ellis, assignors to California Research Corporation. 2,679,535, Cl. 260—621.
- Laver, Frank, Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Induction heating apparatus. 2,666,841, Jan. 19.
- Laverdisse, Edmond, assignor to Les Glaceries De La Sambre, Societe Anonyme, Anvelais, Belgium. Apparatus for surfacing glass sheets. 2,673,424, Mar. 30.
- Laverdisse, Edmond, assignor to Les Glaceries de la Sambre, Societe Anonyme. 2,679,127, Cl. 51—56.
- Laverdisse, Edmond. 2,690,034, Cl. 51—112.
- La Verne, Albert A., Brooklyn, N. Y. Scalp massaging device. 2,664,884, Jan. 5.
- La Via, Joseph. 2,685,609, Cl. 178—5.2.
- Laviana, Donald W., E. K. Arnold, and G. L. Cooper, to the United States of America as represented by the United States Atomic Energy Commission. 2,684,825, Cl. 248—358.
- La Vigne, Eugene E., to A. S. Aloe Co. 2,686,922, Cl. 5—93.
- La Vine, David D., assignee: *See—*
Haberstump, Alfred H. 2,679,575.
- La Vine, Louis A., Los Angeles, Calif. Physiotherapy apparatus. 2,673,560, Mar. 30.
- Lavolette, Jean P.: *See—*
Boyd, Winnett, Avery, and Lavolette. 2,689,682.
- Lavorazione Materie Plastiche (L. M. P.) di M. I. Colombo & C.-Societa in Accomandita Semplice: *See—*
Colombo, Roberto. 2,687,553.
- La Voy, Donald G. 2,677,585, Cl. 312—5.
- Law, Don C., to Magline, Inc. 2,687,142, Cl. 137—452.
- Law, Russell R., assignor to Radio Corporation of America. 2,674,661, Cl. 179—171.
- Law, Russell R., to Radio Corp. of America. 2,688,118, Cl. 332—5.
- Law, Russell R., to Radio Corp. of America. 2,690,979, Cl. 117—16.
- Law, Russell R., to Radio Corp. of America. 2,696,571, Cl. 313—73.
- Lawhorn, William E., Osceola, Ark. Cross row cotton chopper. 2,669,918, Feb. 23.
- Lawler, John A.: *See—*
Schaal, Ellsworth A., and Lawler. 2,692,476.
- Lawler, Joseph V. 2,688,787, Cl. 25—118.
- Lawler, Roland S. Y. 2,677,044, Cl. 240—6.45.
- Lawrance, Richard B., to the United States of America as represented by the Secretary of the Navy. 2,689,347, Cl. 343—103.
- Lawrence, Arthur L., to Fairchild Engine and Airplane Corp. 2,689,304, Cl. 250—33.65.
- Lawrence, Beardsley, to Fiberbond Laboratories, Inc. 2,689,813, Cl. 154—91.
- Lawrence, Benjamin F., to Brushmaster Saw, Inc. 2,697,457, Cl. 143—43.
- Lawrence, Edwin E., to United States Steel Corp. 2,692,458, Cl. 51—14.
- Lawrence, Ernest O., Berkeley, assignor to Chromatic Television Laboratories, Inc., San Francisco, Calif. Display surface for color television tubes. 2,669,675, Feb. 16.
- Lawrence, Ernest O., to Chromatic Television Laboratories, Inc. 2,692,532, Cl. 315—21.
- Lawrence, Ernest O., to Chromatic Television Laboratories, Inc. 2,695,372, Cl. 313—78.
- Lawrence, Harold J.: *See—*
Hennessy, Mark M., and Lawrence. 2,687,088.
- Lawrence, Harvey B. 2,697,522, Cl. 210—164.
- Lawrence, Leland E., to Allen-Bradley Co. 2,692,314, Cl. 200—104.
- Lawrence, Leroy E.: *See—*
Winterburn, George A., Walworth, and Lawrence.
- Lawrence, Owen N., Dorridge, assignor to Joseph Lucas Limited, Birmingham, England. Means for automatically controlling the supply of liquid fuel to prime movers. 2,668,415, Feb. 9.
- Lawrence, Owen N., Dorridge, assignor to Joseph Lucas Limited, Birmingham, England. Means for supplying liquid fuel to spill type burners in prime movers. 2,673,604, Mar. 30.
- Lawrence, Owen N., assignor to Joseph Lucas Limited. 2,678,533, Cl. 60—39.28.
- Lawrence, Owen N., to Joseph Lucas Ltd. 2,683,349, Cl. 60—35.6.
- Lawrence Paper Company, The, assignee: *See—*
Kellogg, Richard A., and Martin. 2,676,746.
- Lawrie, George C.: *See—*
Jacobsen, Erling, and Lawrie. 2,693,695.
- Laws, Charles H. 2,685,923, Cl. 160—369.
- Lawshe, Errol R., to Becton, Dickinson and Co. 2,687,727, Cl. 128—216.
- Lawson, Alexander: *See—*
Rimington, Claude, Lawson, Searle, and Morley.
- Lawson, Birdsall P., assignor to Pilling Chain Company. 2,675,606, Cl. 29—148.
- Lawson, Daniel L. 2,676,830, Cl. 294—7.
- Lawson, David E.: *See—*
Hamlin, Halley H., and Lawson. 2,685,952.
- Lawson, E. P., Co., Inc.: *See—*
Frankel, Sydney. 2,687,011.
- Seybold, Frederick W.
- Lawson, George S., Perry, and J. C. Lawson, Euclid, assignors, by mesne assignments, to The Barr Rubber Products Company, Sandusky, Ohio. Apparatus for distributing rubber in molds. 2,666,952, Jan. 26.
- Lawson, Grace, Los Angeles, Calif. Culinary device. 2,664,630, Jan. 5.
- Lawson, Gustaf R., to General Electric Co. 2,691,143, Cl. 339—45.
- Lawson, Henry W., to Borg-Warner Corp. 2,694,423, Cl. 143—151.
- Lawson, James C.: *See—*
Lawson, George S. and J. C.
- Lawson, James L., to the United States of America as represented by the Secretary of the Navy. 2,686,877, Cl. 250—36.
- Lawson, James L., to the United States of America as represented by the Secretary of the Navy. 2,697,782, Cl. 250—27.
- Lawson, James L., L. B. Linford, and H. L. Johnson, to the United States of America as represented by the Secretary of the Navy. 2,688,697, Cl. 250—27.
- Lawson, Jerome J.: *See—*
Turner, Richard J., and Lawson. 2,691,042.

- Lawson, John M., Simcoe, Ontario, Canada, assignor to American Can Company, New York, N. Y. Adjusting mechanism for feed dogs on conveyers. 2,668,614, Feb. 9.
- Lawson, John W., to General Motors Corp. 2,682,783, Cl. 74—503.
- Lawson, Joseph M., to Lawson Stacker Co., Inc. 2,686,603, Cl. 214—6.
- Lawson, Luther L. 2,692,592, Cl. 124—13.
- Lawson, Robert H., to Scott & Williams, Inc. 2,694,908, Cl. 66—50.
- Lawson, Robert R., and B. L. McKie, to The George W. Borg Corp. 2,696,072, Cl. 58—21.12.
- Lawson Stacker Co., Inc.: *See*—
Lawson, Joseph M. 2,686,603.
- Lawson, William L., to Whitehouse Products, Inc. 2,690,105, Cl. 95—11.5.
- Lawton, Jerral E., Buffalo, N. Y. Electric wallpaper remover. 2,673,918, Mar. 30.
- Lax, Ladislav: *See*—
Weighton, Donald, and Lax.
- Lax, Ladislav, to Pye Ltd. 2,694,181, Cl. 324—103.
- Lax, Morris. 2,689,960, Cl. 5—93.
- Laxo, Ed, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Rotary can end marker. 2,667,830, Feb. 2.
- Laxo, Ed, to Continental Can Co., Inc. 2,686,551, Cl. 153—2.
- Laxo, Ed. 2,695,061, Cl. 164—50.
- Laxton, Reginald A. 2,681,652, Cl. 128—132.
- Lay, Bernadine F.: *See*—
Lay, Kenneth S. and B. F.
- Lay, Kenneth S. and B. F., St. Louis, Mo. Mailing piece. 2,669,464, Feb. 16.
- Layberger, Arthur J., to Pennsylvania Crusher Co. 2,692,088, Cl. 241—186.
- Laycock, John N., Derry, N. H. Appliance for amphibious warfare. 2,669,960, Feb. 23.
- Layton, Harry L.: *See*—
Rouse, George H., and Layton.
- Layton, Harry L., to Bickford Bro's. Co. 2,694,760, Cl. 200—167.
- Layson, Birney S.: *See*—
Wells, Bruce C., and Layson. 2,693,553.
- Layte, Ralph R., assignor to Purolator Products, Inc. 2,675,127, Cl. 210—169.
- Lazan, Benjamin J., assignor to United States of America as represented by the Secretary of the Navy. 2,676,486, Cl. 73—100.
- Lazar, Michael D., New York, N. Y., assignor to Burndy Engineering Company, Inc. Mechanical indicating current limiter. 2,668,887, Feb. 9.
- Lazar, Morris: *See*—
Gendler, Louis, and Lazar.
- Lazarowicz, Gustaw. 2,680,388, Cl. 74—796.
- Lazerus, Vernon B., Galveston, Tex. Air pump for food containers. 2,669,176, Feb. 16.
- Lazier, Wilbur A.: *See*—
Bavley, Abraham, Knuth, Lazier, and Timreck. 2,689,202.
- Bavley, Abraham, Lazier, and Timreck. 2,691,619.
- Lazery, Angelo G., to Aircraft-Marine Products, Inc. 2,685,074, Cl. 339—221.
- "Le Bactogene," S. A. R. L.: *See*—
Monod, Jacques. 2,686,754.
- "Le Moulin Legumes" Manufacture d'Emboutissage de Bagnole (M. E. B.) Anciens Etablissements Mantelet et Boucher (Société Anonyme): *See*—
Mantelet, Jean. 2,690,307.
- Mantelet, Jean. 2,690,881.
- Le Télémechanique Electrique (Société Anonyme), assignee: *See*—
Thompson, Harry. 2,679,561.
- Lea, Peggy J., to Phillips Petroleum Co. 2,684,720, Cl. 166—31.
- Lea, Watson D., to Atlas Products (Overseas) Ltd. 2,683,297, Cl. 25—43.
- Leaberry, Ernest F.: *See*—
Buck, Mortimer P., Crumbley, and Leaberry. 2,686,860.
- Leach, Banner. 2,696,067, Cl. 51—109.
- Leach, Burleigh: *See*—
Kingston, Donald L., and Leach. 2,683,538.
- Leach, Byron E., assignor to The Upjohn Company. 2,679,532, Cl. 260—563.
- Leach, Clayton B., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Valve rocker mounting. 2,669,981, Feb. 23.
- Leach, Elmore L., to Louis F. Dow Co. 2,686,672, Cl. 271—44.
- Leach, Lester L.: *See*—
King, Walter C., and Leach.
- Leach, Lester L., to The Babcock & Wilcox Co. 2,692,642, Cl. 158—28.
- Leach, Ralph T. 2,679,337, Cl. 222—209.
- Leach, Richard T. 2,685,965, Cl. 209—12.
- Leaf Brands, Inc.: *See*—
Leaf, Marshall S. 2,675,238.
- Leaf, Clyde W., to Wyandotte Chemicals Corp. 2,698,322, Cl. 260—232.
- Leaf, Clyde W., and L. M. Liggett, assignors to Wyandotte Chemicals Corporation, Wyandotte, Mich. Water-soluble films. 2,668,120, Feb. 2.
- Leaf, Marshall S., assignor to Leaf Brands, Inc. 2,675,238, Cl. 273—101.
- Leafstrand, Douglas J., Ludington, Mich. Bow sight. 2,667,692, Feb. 2.
- Leahy, Albert M.: *See*—
Lutts, Carlton G., and Leahy. 2,693,673.
- Leake, Arthur G., deceased (by The First National Bank of Strasburg, Va., administrator), to Marion B. Leake. 2,693,043, Cl. 39—31.
- Leake, Marion B.: *See*—
Leake, Arthur G. 2,693,043.
- Leander, Russell J., to Chicago Show Printing Co. 2,688,303, Cl. 116—173.
- Leanse, Leon G., Nassau, Bahamas. Producing upright hollow walls of reinforced concrete. 2,666,974, Jan. 26.
- Lear, Earl B., to Chicago Pneumatic Tool Co. 2,686,040, Cl. 255—51.
- Lear, Earl B., to Chicago Pneumatic Tool Co. 2,688,268, Cl. 81—52.3.
- Lear, Inc.: *See*—
Barr, Le Roy H. 2,676,545.
- Barr, Le Roy H. 2,680,031.
- Lear, William P. 2,679,394.
- Lear, William P., and Eklund. 2,695,145.
- Lear, Joseph D., assignor to Posting Equipment Corporation, Buffalo, N. Y. Posting tray. 2,664,898, Jan. 5.
- Lear, Joseph D., assignor to Posting Equipment Corporation, Buffalo, N. Y. Tilttable compressor plate for posting trays. 2,667,876, Feb. 2.
- Lear, William P., assignor to Lear, Incorporated. 2,679,394, Cl. 271—2.15.
- Lear, William P., and H. N. Eklund, to Lear, Inc. 2,695,145, Cl. 244—83.
- Learman, Frank E. 2,684,685, Cl. 137—225.
- Learman, Frank E., to Studebaker Corp. 2,695,122, Cl. 226—20.6.
- Learnard, Hiram C., assignor to Empress Novelty Company. 2,679,711, Cl. 46—53.
- Learned, Vincent R., Garden City, N. Y., assignor to The Sperry Corporation. Electromagnetic wave attenuator. 2,670,461, Feb. 23.
- Leary, Hull. 2,689,388, Cl. 22—112.
- Leary, Robert F.: *See*—
Gleason, Anthony H., and Leary.
- Nelson, Joseph F., Leary, and Welch.
- Leary, Robert F., and L. M. Welch, to Standard Oil Development Co. 2,683,139, Cl. 260—82.
- Lease, Robert H.: *See*—
Gollwitzer, Walter T., and Lease. 2,697,396.
- Leatherman, Johnnie L., Millsap, Tex. Latch. 2,670,231, Feb. 23.
- Leathers, Ward, to International Business Machines Corp. 2,686,235, Cl. 200—8.
- Leathers, Ward, to Tooth Polisher Corp. 2,686,326, Cl. 15—210.
- Leatzow, Robert W. 2,688,467, Cl. 257—263.
- Leavell, Charles, assignor to Mechanical Research Corporation. 2,679,826, Cl. 121—13.
- Leavens, William B., Jr. 2,681,006, Cl. 101—175.
- Leavitt, James P. H., Wayne, Pa., assignor to Container Corporation of America, Chicago, Ill. Shipping container. 2,671,597, Mar. 9.
- Leavitt, James P. H., Wayne, Pa., assignor to Container Corporation of America, Chicago, Ill. Shipping container. 2,671,600, Mar. 9.
- Leavitt, James P. H., Wayne, Pa., assignor to Container Corporation of America, Chicago, Ill. Shipping container. 2,671,601, Mar. 9.
- Leavitt, Lawrence F.: *See*—
Vaughan, Richard M., and Leavitt. 2,693,826.
- Leavitt, Minard A., and B. H. Smith, assignors to the United States of America as represented by the United States Atomic Energy Commission. 2,676,299, Cl. 324—83.
- Leavitt, Paul F.: *See*—
Krupp, Robert F., and Leavitt. 2,681,088.
- Krupp, Robert F., and Leavitt. 2,697,513.
- Leavitt, Ralph G.: *See*—
Zimberoff, Manuel, Leavitt, and Paul. 2,697,392.
- Lebanon Woolen Mills, assignee: *See*—
Robinson, Graydon.
- Lebedeff, Yurii E., to American Smelting and Refining Co. 2,695,226, Cl. 75—108.
- Lebedeff, Yurii E., to American Smelting and Refining Co. 2,695,227, Cl. 75—108.
- Lebedeff, Yurii E., W. C. Klein, and J. R. Stone, to American Smelting and Refining Co. 2,695,228, Cl. 75—109.
- Lebedinsky, Myron, Neuilly-sur-Seine, assignor to Societe Anonyme de Telecommunications, Paris, France. Amplifying equipment for long-distance telephone cables. 2,671,825, Mar. 9.
- Lebeis, Edward H., Jr., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Bead forming process. 2,665,258, Jan. 5.
- Lebert, Herbert A., Millbrae, Calif. Crimped wrapper for cigarettes. 2,667,170, Jan. 26.
- Lebherz, Harry J., Jr., assignee: *See*—
Gaver, Morris J.
- Le Bihan, Charles. 2,692,995, Cl. 9—21.
- Le Blanc, Harold H.: *See*—
Hill, Frank M., and Le Blanc.
- Leblond, Charles P., and S. Albert, to The Honorary Advisory Council for Scientific and Industrial Research. 2,684,051, Cl. 119—17.

- Le Blond, R. K., Machine Tool Co., The: See—
Siekmann, Harold J., and Kasselmann. 2,678,579.
Siekmann, Harold J., Kasselmann, Luning, and Cooper. 2,697,373.
Waterson, Arthur P. 2,691,913.
- Lebocey, Annick L. S.: See—
Lafeuillade, Marcel. 2,694,305.
- Lebocey, Bernard, Troyes, France. Yarn-controlled stopping device for knitting machines. 2,669,855, Feb. 23.
- Lebocey, Bernard J. E.: See—
Lafeuillade, Marcel. 2,694,305.
- Lebocey, Bernard J. E., assignor to Societe a Responsabilite Limitee so-called: Lebocey Machines, Troyes, France. Thread feeder for knitting and hosiery machines. 2,667,052, Jan. 26.
- Lebocey, Raymonde: See—
Lafeuillade, Marcel. 2,694,305.
- Le Boeuf, Oscar J. 2,682,219, Cl. 101—292.
- Le Bon, Charles B., III, Pasadena, assignor to Arcadia Metal Products, Inc., Arcadia, Calif. Guide device for a sliding door. 2,668,317, Feb. 9.
- Le Bon, Charles B., III, Pasadena, assignor to Arcadia Metal Products, Inc., Arcadia, Calif. Adjustable support for sliding doors. 2,668,318, Feb. 9.
- Lebourg, Maurice P., assignor to Schlumberger Well Surveying Corporation. 2,678,804, Cl. 255—1.4.
- Le Brock, Glen R., to Curtis Lighting, Inc. 2,682,321, Cl. 189—36.
- Le Brusque, René, and A. M. Le Lan, assignors to Societe Anonyme dite: Compagnie Generale de Constructions de Locomotives (Batignolles-Chatillon). 2,676,507, Cl. 82—14.
- Le Bus, Franklin L., Longview, Tex. Thrust bearing and seal for idler units. 2,672,380, Mar. 16.
- Le Bus, Franklin L. 2,680,483, Cl. 164—0.7.
- Le Bus, George F., Wichita Falls, Tex. Sand trap for oil wells. 2,664,828, Jan. 5.
- Lebus, William A., assignor to The Protectoseal Company, Chicago, Ill. Automatic parts washer. 2,668,549, Feb. 9.
- Lebus, William A., to The Protectoseal Co. 2,695,161, Cl. 257—125.
- Lecarmure, Louis, Houilles, assignor to Societe d'Etudes de Carburateur pour l'Automobile et l'Aviation—"S. E. C. A. A.", Levallois-Perret, France. Suction actuated governor for internal-combustion engines. 2,672,156, Mar. 16.
- Lechtenberg, Leo J., to Briggs & Stratton Corp. 2,693,789, Cl. 123—195.
- Lechtenberg, Leo J., to Briggs & Stratton Corp. 2,693,791, Cl. 121—194.
- Lecky, Herbert S.: See—
Lee, Donald D., and Lecky. 2,676,143.
- Le Clair, Camille C. S., London, assignor to Tecalemit Limited, Brentford, England. Pump. 2,667,124, Jan. 26.
- Le Clair, Camille C. S., London, assignor to Tecalemit Limited, Brentford, England. Lubricant pump. 2,667,126, Jan. 26.
- Le Clair, Camille C. S., Acton, London, assignor to Tecalemit Limited, Brentford, England. Liquid or lubricant distribution system. 2,667,235, Jan. 26.
- Le Clair, Camille C. S., to Tecalemit Ltd. 2,685,201, Cl. 73—242.
- Le Clair, Camille C. S., to Tecalemit Ltd. 2,692,743, Cl. 244—134.
- Le Clercq, Marion F., administratrix: See—
Colstad, Charles N. 2,689,576.
- Le Clercq, Raymond G.: See—
Colstad, Charles N. 2,689,576.
- Le Compte, Frank M., to Curtiss-Wright Corp. 2,681,595, Cl. 90—13.9.
- Le Comte, Corstiaan, Hilversum, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for producing calibrating pulses. 2,672,552, Mar. 16.
- Le Comte, Corstiaan, assignor to Hartford National Bank and Trust Company, as trustee. 2,676,215, Cl. 179—171.
- Ledbetter, Ernest F. 2,679,687, Cl. 30—114.
- Ledbetter, Nubern P. 2,678,192, Cl. 255—23.
- Ledding, Theodore H., and W. E. Kautz, assignors to Minnesota and Ontario Paper Company. 2,675,034, Cl. 144—114.
- Lederer, Jerome F., New Rochelle, N. Y. Safety signal device. 2,671,200, Mar. 2.
- Ledgett, Lowell A., to Colgate-Palmolive Co. 2,690,446, Cl. 260—400.
- Lednegg, Max, assignor of one-half to Simmering-Graz-Pauker Aktiengesellschaft für Maschinen-, Kessel- und Waggonbau, Vienna, Austria. Gas turbine. 2,667,326, Jan. 26.
- Leditschke, Heinrich: See—
Ehrhart, Gustav, Ruschig, and Leditschke. 2,695,305.
- Le Duc, Richard J. 2,682,898, Cl. 144—72.
- Lee, Aaron, and E. Lieberman: said Lieberman assor. to said Lee. 2,693,680, Cl. 62—7.
- Lee, Arthur L., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Follow-up valve for vehicle brake operating mechanisms. 2,667,888, Feb. 2.
- Lee, Arthur L., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Coal mining and loading apparatus. 2,670,944, Mar. 2.
- Lee, Arthur L., to The Jeffrey Mfg. Co. 2,681,234, Cl. 280—96.
- Lee, Bert E.: See—
Finlayson, Thomas R., and Lee. 2,674,252.
- Lee, Burton D., and G. Herzog, to The Texas Co. 2,683,563.
- Lee, Charles A., to Paper Patents Co. 2,684,690, Cl. 137—599.
- Lee, Clarence C., assignor to R. M. Liedstrand. 2,679,243, Cl. 126—25.
- Lee, Colin K., to Monsanto Chemical Co. 2,697,216, Cl. 340—244.
- Lee, Donald D., and H. S. Lecky, assignors to E. I. du Pont de Nemours & Company. 2,676,143, Cl. 202—39.
- Lee, Edward F., and D. J. McIntosh, to Sherrick Corp. 2,684,103, Cl. 153—73.
- Lee, Ferman N.: See—
Curtin, Leonard S., and Lee. 2,692,997.
- Lee, Filemon T. 2,686,466, Cl. 100—97.
- Lee, Floyd D. 2,690,614, Cl. 30—6.1.
- Lee Foundation for Nutritional Research, assignee: See—
Lee, Royal. 2,678,170.
- Lee, Francis, assignor to Massey-Harris Limited, Stretford, England. Feeding apparatus for manure spreading vehicles. 2,672,058, Mar. 16.
- Lee, Francis, assignor to Massey-Harris Limited, Stretford, England. Jack for agricultural machines. 2,672,318, Mar. 16.
- Lee, Francis, to Massey-Harris-Ferguson (Mfg.) Ltd. 2,694,579, Cl. 275—3.
- Lee, Francis H., to Baker Oil Tools, Inc. 2,681,112, Cl. 166—115.
- Lee, George A.: See—
Smith, Arthur R., Lee, and Hopkins. 2,679,375.
- Lee, George H., Troy, N. Y. Communication system utilizing magnetic recorders. 2,669,605, Feb. 16.
- Lee, George H. 2,687,491, Cl. 315—6.
- Lee, George W. 2,690,758, Cl. 137—460.
- Lee, Glen, John Day, Oreg. Power-driven rolls for lumber trailers. 2,672,993, Mar. 23.
- Lee, Harold A.: See—
Williams, Charlie, and Lee. 2,692,924.
- Lee, James W.: See—
Barney, Freeman, and Lee. 2,681,104.
- Lee, Jason D., Salem, Oreg. Rocking device. 2,664,575, Jan. 5.
- Lee, John: See—
Finkelstein, Jacob, and Lee. 2,686,784.
Finkelstein, Jacob, and Lee. 2,695,290.
- Lee, John G., to Chance Vought Aircraft, Inc. 2,694,357, Cl. 98—1.
- Lee, Jonathan S., and P. F. Elarde, to Western Electric Co., Inc. 2,688,573, Cl. 148—10.
- Lee, Joshua B., assignor to United States Steel Corporation. 2,677,174, Cl. 29—259.
- Lee, Leighton, II, Rocky Hill, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Fuel control apparatus for internal-combustion engines. 2,667,743, Feb. 2.
- Lee, Leighton, II, Rocky Hill, assignor to Niles-Bement-Pond Company, West Hartford, Conn. Control apparatus for jet engines. 2,668,414, Feb. 9.
- Lee, Leighton, II, Rocky Hill, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Fuel control apparatus for turbojet engines. 2,668,416, Feb. 9.
- Lee, Leighton, II, Rocky Hill, assignor to Niles-Bement-Pond Company, West Hartford, Conn. Control apparatus for internal-combustion engines. 2,669,093, Feb. 16.
- Lee, Leighton, II, Rocky Hill, assignor to Niles-Bement-Pond Company, West Hartford, Conn. Fuel control apparatus for jet engines. 2,669,094, Feb. 16.
- Lee, Leighton, II, Rocky Hill, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Fluid pump control apparatus for internal-combustion turbine engines. 2,669,838, Feb. 23.
- Lee, Leighton, II, assignor to Niles-Bement-Pond Company. 2,675,674, Cl. 60—39.28.
- Lee, Leighton II. 2,677,023, Cl. 200—81.9.
- Lee, Leighton, II, assignor, by mesne assignments, to Niles-Bement-Pond Company. 2,678,698, Cl. 170—135.74.
- Lee, Leighton, II, to Niles-Bement-Pond Co. 2,687,009, Cl. 60—39.28.
- Lee, Leighton, II, to Niles-Bement-Pond Co. 2,688,229, Cl. 60—39.28.
- Lee, Leighton, II. 2,697,328, Cl. 60—39.28.
- Lee, Lemmie D., to Distributor Houser Corp. 2,695,341, Cl. 200—19.
- Lee, Lewis V., F. Krause, and M. T. Pawel, deceased (by J. B. Pawel, administratrix). 2,689,973, Cl. 18—1.
- Lee, Lyman S.: See—
Morris, Robert E., and Lee. 2,679,559.
- Lee, Mart E. 2,692,710, Cl. 223—52.1.
- Lee, Norman E., Forest Hills, N. Y. Mounting. 2,668,033, Feb. 2.
- Lee-Norse Co.: See—
Arentzen, Einar M. 2,695,164.
- Lee, Paul R., to Westinghouse Electric Corp. 2,689,897, Cl. 200—138.

- Lee Products Inc., assignee: *See*—
Abrams, Nicholas, and Greene.
- Lee, Randolph. 2,677,253, Cl. 62—129.
- Lee, Royal, assignor to Lee Foundation for Nutritional Research. 2,678,170, Cl. 241—258.
- Lee, Samuel, and A. H. Siepert, to Interchemical Corp. 2,689,162, Cl. 8—69.
- Lee, Samuel W., and R. W. Vollmar. 2,698,028, Cl. 137—539.
- Lee, Sherman H., $\frac{1}{2}$ to Cepco, Inc. 2,698,071, Cl. 189—62.
- Lee, Slaughter W., and E. R. Dichter, assignors to Schering Corporation. 2,675,342, Cl. 167—74.
- Lee, Vernon L., assignor to The Logan Co. 2,675,863, Cl. 155—194.
- Lee, Webster R., La Mesa, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Closure seal. 2,665,459, Jan. 12.
- Lee, Wilbur G.: *See*—
Godfrey, James H., and Lee.
- Lee, William J.: *See*—
Wright, Robert L., Lusby, Lee, and Whittenberg. 2,679,598.
- Leece-Neville Co., The: *See*—
Gilchrist, Albert D. 2,685,057.
- Leech, Laurence A., to Millars' Machinery Co. Ltd. 2,686,430, Cl. 74—124.
- Leed, Daniel, and N. D. Smith, to Bell Telephone Laboratories, Inc. 2,695,980, Cl. 318—30.
- Leedam, Clive. 2,674,669, Cl. 200—86.5.
- Leeds, Kyle W., Kansas City, Mo. Return mechanism for key couplers of cash registers. 2,670,899, Mar. 2.
- Leeds and Northrup Co.: *See*—
Bristol, Edward S. 2,679,979.
Bristol, Edward S. 2,681,418.
Broomell, George L., Jr., and Miller. 2,678,422.
Carolus, James B. 2,688,728.
Davis, Elwood T.
Davis, Elwood T. 2,688,717.
Davis, Raymond L., II. 2,698,222.
Hoge, Harold J. 2,687,510.
Jewett, Lawrence E. 2,688,334.
Krantz, Frederick H. 2,697,791.
Machler, Raymond C. 2,677,277.
Machler, Raymond C., and Fastie. 2,683,988.
McIlhenny, Archibald. 2,679,022.
Moore, Philemon J. 2,690,951.
Nichols, Clark, and Carolus. 2,692,342.
Phillips, William E., Jr. 2,690,078.
Quereau, John F., and Pearson. 2,693,559.
Ross, Raymond W. 2,676,825.
Schock, John F. 2,682,798.
Stein, Irving M., Williams, and Dern.
Tauber, Gustave M., and Schultz. 2,686,665.
Williams, Albert J., Jr.
Williams, Albert J., Jr. 2,674,719.
Williams, Albert J., Jr. 2,685,676.
Williams, Albert J., Jr., and Watson.
- Leeds, Walter A., and N. J. Sweete. 2,691,960, Cl. 120—93.
- Leeds, Winthrop M.: *See*—
Baker, Benjamin P., and Leeds. 2,693,519.
Ludwig, Leon R., Leeds, Baker, and Cumming.
MacNeill, John B., Leeds, and Baker.
- Leeds, Winthrop M., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Compressed gas circuit interrupter. 2,666,107, Jan. 12.
- Leeds, Winthrop M., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,666,117, Jan. 12.
- Leeds, Winthrop M., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,671,147, Mar. 2.
- Leeds, Winthrop M., to Westinghouse Electric Corp. 2,692,320, Cl. 200—150.
- Leek, Thomas G., assignor to Edgar Brothers Company. 2,674,587, Cl. 260—38.
- Leekley, Robert M., assignor, by mesne assignments, to Printing Developments, Inc. 2,678,275, Cl. 95—88.
- Leekley, Robert M., and M. N. Stiles, to Time, Inc. 2,684,909, Cl. 106—24.
- Leeman, Jan N. J.: *See*—
Fontein, Freerk J., and Leeman.
- Leeper, William W., Columbus, Ohio. Vehicle signaling apparatus. 2,670,706, Mar. 2.
- Lees-Bradner Co., The: *See*—
Bradner, John A.
Warner, Homer C. 2,681,597.
- Lees, Edgar, and F. A. Cooke, Loughborough, assignors to Rolls-Royce Limited, Derby, England. Resistance welding apparatus. 2,671,155, Mar. 2.
- Lees, James, & Sons Company, assignee: *See*—
Smiley, Harry J. 2,674,270.
- Leese, Charles P., assignor to Standard Car Truck Company, Chicago, Ill. Truck stabilizer package unit. 2,665,127, Jan. 5.
- Leesemann, Charles J. G.: *See*—
Dinwiddie, James A., and Leesemann. 2,689,265.
- Leety, William E.: *See*—
Rapisarda, Edward D., and Leety. 2,681,820.
- Leevers, Kenneth, and J. W. Tubbs, assignors to Tacoma Sash & Door Co. 2,676,366, Cl. 20—52.
- Lefcourt, Stanley W., and R. Mayer, to Sylvania Electric Products Inc. 2,698,397, Cl. 313—103.
- Le Febvre, Alfred L., Windsor, assignor to The Fuller Brush Company, Hartford, Conn. Combined mop and wringer. 2,667,653, Feb. 2.
- Le Febvre, Eugene F.: *See*—
Tamburro, Francis P., and Le Febvre.
- Leff, Alexander. 2,685,737, Cl. 32—28.
- Leff, Alexander. 2,685,738, Cl. 32—59.
- Leffer, Frederick A. W., to Universal Oil Products Co. 2,689,210, Cl. 196—52.
- Leffer, Frederick A. W., to Universal Oil Products Co. 2,692,848, Cl. 196—52.
- Leffer, Frederick A. W., to Universal Oil Products Co. 2,697,686, Cl. 196—52.
- Leffer, Frederick A. W., to Universal Oil Products Co. 2,698,281, Cl. 196—52.
- Leffer, Frederick W., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for contacting subdivided solid particles with different fluid streams within separate superimposed contacting zones. 2,672,407, Mar. 16.
- Leffer, Frederick W., to Universal Oil Products Co. 2,687,992, Cl. 202—14.
- Leffert, Charles B.: *See*—
Reed, Homer C., Berg, and Leffert. 2,694,622.
- Leffler, Charles R., $\frac{1}{4}$ to W. R. Millington. 2,692,434, Cl. 33—26.
- Leffler, John J., to J. R. Davidson. 2,687,127, Cl. 126—307.
- Leffler, Nils G., to Svenska Cellulosa Aktiebolaget. 2,692,623, Cl. 144—208.
- Lefforge, John W., and R. W. Atteberry. 2,690,377, Cl. 23—105.
- Le Foll, Jean: *See*—
Fournier, Jean, and Le Foll. 2,692,166.
- Lefton, Leon and R. 2,681,754, Cl. 223—86.
- Lefton, Ruth: *See*—
Lefton, Leon and R. 2,681,754.
- Legat, Robert C., to The G. E. Prentice Mfg. Co. 2,681,864, Cl. 117—7.
- Legat, Robert C., to The G. E. Prentice Mfg. Co. 2,693,693, Cl. 70—456.
- Legatski, Harold R., to Phillips Petroleum Co. 2,690,060, Cl. 62—122.
- Leggett, Guy O., assignor to Merit Products, Inc. 2,678,523, Cl. 51—193.5.
- Leggett, Guy O. 2,683,998, Cl. 77—34.5.
- Leggett, Ira. 2,679,877, Cl. 150—14.
- Leggett, Joseph H., and R. M. Moyer, to Curtiss-Wright Corp. 2,684,819, Cl. 248—5.
- Léglise, Pierre. 2,696,286, Cl. 197—84.
- Le Goff, Lucien J. A., to Society d'Electricite Mors. 2,692,921, Cl. 200—17.
- Le Grand, Pierre E., and T. E. Kihlgren, to The International Nickel Co., Inc. 2,686,715, Cl. 75—170.
- Lehane, Timothy J.: *See*—
Gillick, Laurence H., and Lehane. 2,686,661.
- Lehane, Timothy J., North Riverside, and W. M. Smith, Glen Ellyn, assignors to Vapor Heating Corporation, Chicago, Ill. Temperature and ventilation control apparatus for buses. 2,667,336, Jan. 26.
- Lehane, Timothy J., W. M. Smith, and R. D. Ernst, to Vapor Heating Corp. 2,694,526, Cl. 237—5.
- Lehane, Timothy J., and C. E. P. Hall, to Vapor Heating Corp. 2,696,715, Cl. 62—6.
- Lehigh Valley Coal Sales Co.: *See*—
Birch, Charles K. 2,685,480.
- Lehker, Harry J., and R. L. Worrell, to Allis-Chalmers Mfg. Co. 2,693,073, Cl. 56—314.
- Lehman, Albert W., Stillwater, assignor to St. Croix Manufacturing Company, Bayport, Minn. Guard rail attachment for beds. 2,664,576, Jan. 5.
- Lehman, Arnold M. 2,685,326, Cl. 155—153.
- Lehman, Henry, East Northport, N. Y. Cigarette holding and snuffing device. 2,672,874, Mar. 23.
- Lehman, Herbert A., to Barber-Greene Co. 2,696,289, Cl. 198—9.
- Lehman, John L., St. Louis, Mo. Mousetrap. 2,669,056, Feb. 16.
- Lehman, Robert A., assignor, by mesne assignments, to American Home Products Corporation. 2,675,388, Cl. 260—270.
- Lehmann, Elmer, Sr., Belleville, Ill. Weedless artificial bait. 2,667,006, Jan. 26.
- Lehmann, Herbert. 2,677,482, Cl. 222—481.
- Lehmann, Herbert G., assignor to Casco Products Corporation, Bridgeport, Conn. Automatic-manual window operator. 2,665,904, Jan. 12.
- Lehmann, Herman M. 2,693,603, Cl. 4—257.
- Lehmann, Jules: *See*—
Goldberg, Edwin A., and Lehmann. 2,684,999.
- Lehmann, Max, to The Baker-Raulang Co. 2,689,662, Cl. 214—148.
- Lehmann, Max, to The Baker-Raulang Co. 2,694,460, Cl. 180—77.
- Lehmann, Sears, Jr.: *See*—
Blair, Charles M., Jr., Lehmann, and Samuelson. 2,698,303.
- Lehmann, Sears, Jr., to Averill-Lehmann Co. 2,691,365, Cl. 121—48.
- Lehmeier, Carl: *See*—
Watson, Romaine E., Boston, and Lehmeier.
- Lehner, Max, & Co. A. G., assignee: *See*—
Liniger, Walter.

- Lehner, Ray A., to Joy Mfg. Co. 2,698,030, Cl. 137—625.38.
- Lehovec, Kurt, to the United States of America as represented by the Secretary of the Army. 2,689,876, Cl. 136—100.
- Lehovec, Kurt, to Sprague Electric Co. 2,696,513, Cl. 136—83.
- Lehr, James C.: *See*—
Bruner, Walter M., and Lehr. 2,678,286.
- Lehr, John, 20% to F. A. Fuder, and 20% to D. A. Russell. 2,684,176, Cl. 220—38.5.
- Lehr, Philip N., and J. Koci, to Dictograph Products Co., Inc. 2,698,368, Cl. 200—138.
- Lehre, Frithjof. 2,689,993, Cl. 24—90.
- Lehrman, Leo A.: *See*—
Maatman, Egbert J., and Lehrman.
- Leiber, Frank E. 2,691,211, Cl. 29—237.
- Leiberman, Lee, assignee: *See*—
Wallack, Sanford.
- Leibu, Henry J., to E. I. du Pont de Nemours and Co. 2,691,671, Cl. 260—475.
- Leichner, William G. 2,698,250, Cl. 106—36.
- Leicht, Charles: *See*—
La Mers, Herbert, and Leicht.
- Leichtle, Otto: *See*—
Reppe, Walter, v Kutepow, and Leichtle.
- Leifer, Lorenz A., to Gisholt Machine Co. 2,687,197, Cl. 192—18.
- Leifer, Lorenz A., and L. W. Premo, to Gisholt Machine Co. 2,686,448, Cl. 82—24.
- Leifheit, Edward J., Port Washington, N. Y. Mooring buoy and cable. 2,666,934, Jan. 26.
- Leigh, Hazel M.: *See*—
Eppstein, Samuel H., and Leigh. 2,697,715.
Eppstein, Samuel H., and Leigh. 2,697,716.
- Leight, Charles, Los Angeles, Calif. Ear plug and sound absorbing material construction. 2,672,863, Mar. 23.
- Leighton, Francis: *See*—
Martin, Eric L., and Leighton. 2,692,739.
- Leighton, Francis, to Marman Products Co., Inc. 2,685,889, Cl. 137—536.
- Leighton, Geoffrey J., R. F. Maskell, and N. Z. Alcock, assignors to Isotope Products Limited. 2,675,483, Cl. 250—83.6.
- Leighton, John W. 2,684,253, Cl. 280—96.2.
- Leighton, Philip S., assignor to S. D. Warren Company. 2,678,890, Cl. 117—64.
- Leighton, Robert B., Altadena, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Electronic timing device. 2,672,556, Mar. 16.
- Leiker, Linus. 2,683,995, Cl. 74—472.
- Leiman Bros., Inc., assignee: *See*—
Bogert, Ormonde.
- Leiman, George W.
- Leiman, George W., Denville, assignor to Leiman Bros., Inc., Newark, N. J. Gas and oil separator. 2,672,950, Mar. 23.
- Leins, Oscar J., to Milwaukee Gas Specialty Co. 2,694,098, Cl. 136—4.
- Leins, Oscar J., to Milwaukee Gas Specialty Co. 2,695,136, Cl. 236—48.
- Leis, Arthur F., Dayton, Ohio. Tool for securing tile to wall or similar surface. 2,669,895, Feb. 23.
- Leischner, Georg, assignor to Societe Anonyme des Ateliers de Secheron. 2,679,111, Cl. 34—6.
- Leiser, Royle E., and C. A. Soderberg, Seattle, Wash.; said Soderberg assignor to R. M. Anderson, Seattle, Wash. Game racket. 2,670,958, Mar. 2.
- Leister, Fayette to The Fafnir Bearing Co. 2,690,937, Cl. 308—187.1.
- Leister, Fayette, to The Fafnir Bearing Co. 2,695,201, Cl. 308—72.
- Leister, Fayette, to The Fafnir Bearing Co. 2,697,622, Cl. 287—52.09.
- Leistner, William E., and A. C. Hecker, assignors to Argus Chemical Laboratory, Inc. 2,680,107, Cl. 260—45.75.
- Leisy, Clifford J.: *See*—
Castor, Thomas D., Leisy, and Sangster.
- Leisy, Clifford J., J. L. Emerick, and C. H. Jenkins, to Boeing Airplane Co. 2,693,931, Cl. 251—50.
- Leitner, Eugene E.: *See*—
Jandasek, Vladimir J., and Leitner. 2,696,171.
- Leitz, Ernst, G. m. b. H.: *See*—
Frischmann, Karl.
Frischmann, Karl. 2,696,755.
Heine, Hermann. 2,674,157.
Heine, Hermann. 2,681,592.
Horn, Willi. 2,694,340.
Neuhaus, Alfred, and Weissenberg.
Rinker, Wilhelm. 2,691,887.
Schreiber, Eduard, Hennek, and Lüz.
Stein, Wilhelm. 2,687,028.
Stein, Wilhelm, and Gath.
Weissenberg, Gustav, and Meinert. 2,684,304.
Weissenberg, Gustav, and Ungemach.
- Le Lan, Armand M.: *See*—
Le Brusque, René, and Le Lan. 2,676,507.
- Leland-Gifford Co.: *See*—
Gifford, Albert J. 2,685,898.
- Leland Stanford Junior University, The Board of Trustees of the: *See*—
Ginzton, Edward L. 2,695,973.
Ginzton, Edward L. 2,698,398.
Hansen, William W., and Varian. 2,683,775.
Harman, Willis W.
Villard, Oswald G., Jr.
Woodyard, John R., and Varian. 2,682,623.
- Le Laurin, Louis A. 2,696,925, Cl. 214—82.
- Lelechuk, Sheldon N., and S. D. Stearns. 2,678,556, Cl. 70—456.
- Leliter, Chester P., to Allis-Chalmers Mfg. Co. 2,686,982, Cl. 37—145.
- Leman, Arthur L. 2,686,090, Cl. 309—3.
- Leman, Howard H.: *See*—
Bishop, Le Roy D., Barnett, Gentel, and Leman. 2,697,528.
- Lemay Machine Co.: *See*—
Suellentrop, Fred F. 2,695,123.
Suellentrop, Fred F. 2,695,123.
- Lemeshka, Milton B., to Radio Corp. of America. 2,694,554, Cl. 257—263.
- Lemmens, Hendrikus J., M. J. Jansen, and J. A. B. Zaat, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Incandescible cathode and making the same. 2,673,277, Mar. 23.
- Lemmerman, C. W., Inc., assignee: *See*—
Lemmerman, Carl W. 2,674,335.
- Lemmerman, Carl W., assignor to C. W. Lemmerman, Inc. 2,674,335, Cl. 181—42.
- Lemmerman, Carl W., assignor to C. W. Lemmerman, Inc. 2,674,336, Cl. 181—42.
- Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Starting circuit for electric lamps. 2,673,942, Mar. 30.
- Lemmers, Eugene, to General Electric Co. 2,683,836, Cl. 315—46.
- Lemmers, Eugene, to General Electric Co. 2,694,786, Cl. 315—97.
- Lemmers, Eugene, to General Electric Co. 2,694,787, Cl. 315—98.
- Lemmey, Edgar S.: *See*—
Dine, Lester, and Lemmey. 2,682,603.
- Lemmon, Louis E. 2,689,543, Cl. 116—137.
- Lemmon, Norman E.: *See*—
Fainman, Norton, Lemmon, and Lindert. 2,692,280.
- Lemmon, Norman E., R. E. Karll, and M. Feller, assignors to Standard Oil Company. 2,677,620, Cl. 106—269.
- Lemmond, Everett C. 2,686,384, Cl. 43—148.
- Lemmons, Harry, assignee: *See*—
Schaeffer, Lewis C. 2,678,789.
- Lemners, Eugene, to General Electric Co. 2,689,315, Cl. 315—97.
- Lemoine, Henri G., to The Plastic Molding Corp. 2,682,070, Cl. 15—133.
- Lemonnier, Pierre. 2,680,687, Cl. 99—71.
- Lemos, Manuel G. 2,676,860, Cl. 312—29.
- Lemoussu, Georges: *See*—
Delmoussé, Georges, Austerweil, Lemoussu, and Poupinel.
- Lempco Products, Inc.: *See*—
Blazek, John Y. 2,691,255.
Blazek, William J. 2,679,772.
Strnad, James J. 2,683,335.
Strnad, James J. 2,688,211.
- Lemperle, Carl, Jr.: *See*—
Hood, Myron E. 2,696,217.
- Lempke, Milford W.: *See*—
Johnson, John J., Lempke, and Gentile. 2,680,627.
- Lemrow, Mary F., to Cushman's Sons, Inc. 2,697,042, Cl. 99—92.
- Lenahan, John E., Cornwall-on-Hudson, N. Y. Apparatus for handling recumbent persons. 2,666,930, Jan. 26.
- Lenane, Daniel J.: *See*—
Groves, James H., and Lenane. 2,692,245.
- Lendved, John W., to Chain Belt Co. 2,696,371, Cl. 259—161.
- Lendved, John W., and W. H. Buelow, to Chain Belt Co. 2,688,472, Cl. 259—161.
- Lenahan, Bernard E., to Westinghouse Electric Corp. 2,682,614, Cl. 307—43.
- Leng, Franz M. 2,689,975, Cl. 18—4.
- Leng, Leopold, Wettingen, assignor to "Patelhold" Patentverwertungs- & Elektro-Holding A.-G., Glarus, Switzerland. High and very high frequency tunable circuits. 2,665,339, Jan. 5.
- Leng, Pennock: *See*—
Walker, Jack, and Leng.
Walker, Jack, and Leng. 2,686,370.
- Lengyel, Paul T., and L. A. Kiraly. 2,694,432, Cl. 152—225.
- Lenhart, George B., to The Wilson Rubber Co. 2,683,263, Cl. 2—168.
- Lenhart, George B., to The Wilson Rubber Co. 2,683,286, Cl. 18—24.
- Lenhart, Herbert S., Allentown, assignor to Fuller Company, Catasauqua, Pa. Sampling apparatus. 2,668,447, Feb. 9.
- Lenk, Frederick R., Jr., Millington, N. J., assignor to Chicopee Manufacturing Corporation. Wall construction. 2,669,757, Feb. 23.

- Lenke, George H., Chicago, assignor of one-half to J. J. Ohlts, Oak Park, Ill. Grid construction for rooflights. 2,672,106, Mar. 16.
- Lenkelt, Willi W., assignee: *See*—
Von Skene, Robert, Lenkelt, and Dalibor.
- Lenkurt Electric Co., Inc.: *See*—
Searce, Chester H., and Turnbull. 2,697,559.
- Lennartz & Co., assignee: *See*—
Hiltebrand, Heinrich.
- Lenney, James P.: *See*—
Redfern, Sutton, and Lenney. 2,686,730.
- Lenning, Alvar, to Alb. Keba. 2,694,386, Cl. 123—29.
- Lennox, Thomas C., assignor to General Electric Company. 2,677,810, Cl. 336—148.
- Lennox, Thomas C., assignor to General Electric Company. 2,680,164, Cl. 200—17.
- Lens, Georges X.: *See*—
Den Hertog, Martinus, and Lens.
- Lens, Georges X., to International Standard Electric Corp. 2,689,657, Cl. 214—11.
- Lens, Jan, and J. Polderman, to Organon, Inc. 2,687,981, Cl. 167—74.
- Lense, Herbert E., to D. T. Siegel. 2,683,567, Cl. 242—9.
- Lentjes, Carl G.: *See*—
Van Sickle, Roswell C., and Lentjes. 2,678,659.
- Lento, Louis L. Jr., and R. A. Vingee, to American Cyanamid Co. 2,694,728, Cl. 260—555.
- Lentz, David M., Maple Heights, assignor to E. K. Brown, Shaker Heights, Ohio. Tire pressure indicating and recording device. 2,669,876, Feb. 23.
- Lentz, Irvin R., and D. B. Van Dolah, assignors to Swift & Company, Chicago, Ill. Poultry picking shackle. 2,667,660, Feb. 2.
- Lentz, John J.: *See*—
Havens, Byron L., and Lentz. 2,693,315.
- Lenz, Frank B., to Hawley Products Co. 2,685,935, Cl. 181—32.
- Lenz, Harry E., Sr., Dayton, Ohio. Latch for folding tables. 2,669,494, Feb. 16.
- Lenz, Hugh F., to Dudley Kebab, Inc. 2,688,448, Cl. 241—168.
- Lenz, Konrad: *See*—
Zeiler, Karl, and Lenz. 2,691,935.
- Lenzer, Carl. 2,674,040, Cl. 32—7.
- Leon, Edgar D. 2,677,745, Cl. 219—8.
- Leonard, Charles H., and J. M. Cooke, Silverton, Oreg., said Cooke assignor to said Leonard. Forming cutter for rounding handle ends. 2,664,930, Jan. 5.
- Leonard-Chicago Corp., assignee: *See*—
Lieberman, Harry L. 2,675,566.
- Leonard, Frederick, to Warner-Hudnut, Inc. 2,684,368, Cl. 260—293.4.
- Leonard, Frederick, to Warner-Hudnut, Inc. 2,684,369, Cl. 260—293.4.
- Leonard, Frederick, to Warner-Hudnut, Inc. 2,684,370, Cl. 260—293.4.
- Leonard, Frederick, to Warner-Hudnut, Inc. 2,686,186, Cl. 260—332.2.
- Leonard, George H., to Stamford Tool & Die Corp. 2,688,443, Cl. 235—61.11.
- Leonard, Guy, Houston, Tex. Bottle opener with pivotally mounted cap skirt engaging means. 2,667,093, Jan. 26.
- Leonard, Henry M., Brooklyn, N. Y. Automatic direction signal. 2,667,545, Jan. 26.
- Leonard, John J., Wyncote, Pa. Magnetic figure toy. 2,673,421, Mar. 30.
- Leonard, John L., La Mesa, Calif. Vacuum tube amplifier for measuring signals having a large variation in level. 2,666,098, Jan. 12.
- Leonard, John M., and C. E. Patouillet, to the United States of America as represented by the Secretary of the Navy. 2,684,303, Cl. 106—25.
- Leonard, Joseph, assignor to Mona Lisa Foundations, Inc. 2,675,548, Cl. 2—37.
- Leonard, Leo W., Santa Barbara, Calif. Hair trimmer device. 2,665,476, Jan. 12.
- Leonard, Lloyd H., New Hyde Park, N. Y. Foldable baby stroller. 2,670,216, Feb. 23.
- Leonard, Lloyd H. 2,691,177, Cl. 5—98.
- Leonard, Merrill G.: *See*—
Hodnette, John K., and Leonard. 2,693,515.
- Leonard, Merrill G., and A. M. Lockie, to Westinghouse Electric Corp. 2,686,242, Cl. 200—116.
- Leonard, Nita and M. C. 2,690,180, Cl. 128—227.
- Leonard, Oliver, Glendale, Calif. Lamp fixture. 2,670,430, Feb. 23.
- Leonard, Ralph S.: *See*—
Vitale, Peter T., and Leonard. Re. 23,840.
- Leonard, Richard A.: *See*—
Lamborn, Bayard T., and Leonard. 2,694,059.
- Leonard, Samuel E. 2,675,461, Cl. 219—10.
- Leonard, Samuel E. 2,681,975, Cl. 219—10.69.
- Leonard Valve Co.: *See*—
Schafraunk, Erich. 2,691,487.
- Leone, Joseph P., and D. D. Vecchiola. 2,676,341, Cl. 5—331.
- Leopold, Rudolf, Oakland, and J. R. Casamento, West New York, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Transmitting tube socket. 2,668,949, Feb. 9.
- Le Page, Esther E.: *See*—
Oace, Ralph J., Snell, and Le Page. Re. 23,843.
- Le Pera, Lewis M. 2,694,865, Cl. 33—215.
- Lepetit S. A., assignee: *See*—
Carrara, Gino. 2,675,405.
Carrara, Gino. 2,695,309.
- Lepetit S. p. A.: *See*—
Carrara, Gino, and D'Amato. 2,694,710.
- Lepkowski, Joseph L., assignor to The Yale & Towne Manufacturing Company. 2,676,672, Cl. 187—9.
- Lepkowski, Thomas W., New York, N. Y. Adjustable line width writing fountain pen. 2,664,858, Jan. 5.
- Lepkowski, Thomas W., New York, N. Y. Steerable jet propeller boat. 2,667,141, Jan. 26.
- Le Poole, Jan B., Delft, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electron microscope. 2,670,450, Feb. 23.
- Lepom, Edward, assignor to Home Curtain Corp., Far Rockaway, N. Y. Scallop device. 2,665,650, Jan. 12.
- Leppia, Paul W., to Great Lakes Carbon Corp. 2,695,840, Cl. 71—2.6.
- Lerbs, Alfred: *See*—
Döhler, Oscar, and Lerbs. 2,680,823.
- Lerch, Karl: *See*—
Von Berlichingen, Maximilian and Margot, and Lerch. 2,675,977.
- Lerch, Louis A., Toluca, Ill. Toe light. 2,671,847, Mar. 9.
- Lerer, Ben K., assignee: *See*—
Powell, Harry S. 2,676,267.
- Lerio Corp., The: *See*—
Brothers, George R., Jr. 2,682,970.
- Lerman, Martin D. 2,688,326, Cl. 128—252.
- Lerman, Samuel. 2,684,673, Cl. 128—168.
- Lerner, Albert: *See*—
Farkas, Eugene, Tatulle, and Lerner. 2,695,651.
- Le Roi Co.: *See*—
Bergmann, Carl A.
Bowman, Spencer. 2,683,362.
Gerst, Chris.
Gerst, Chris. 2,680,377.
Gerst, Chris. 2,692,765.
Gerst, Chris. 2,696,372.
Gunning, Samuel D. 2,675,784.
Gunning, Samuel D. 2,683,586.
Gunning, Samuel D. 2,683,587.
Gunning, Samuel D. 2,683,588.
- Lerom, Howard W., Alderwood Manor, Wash. Oil pump well viscosity actuated oil heater. 2,673,571, Mar. 30.
- Le Roy, Eugene: *See*—
Murdock, Joseph K., and Le Roy.
- Le Roy Food Products, Inc.: *See*—
Levine, Jack W. 2,685,395.
- Leroy, Louis, to McCaffrey-Ruddock Tagline Corp. 2,684,816, Cl. 242—107.
- Le Roy, Norman C. 2,696,620, Cl. 5—317.
- Le Roy, Norman L. 2,686,960, Cl. 29—285.
- Le Roy, Pauline. 2,694,910, Cl. 66—117.
- Leroy, Robert P., to Compagnie Industrielle des Telephones. 2,696,591, Cl. 333—74.
- Lerro, Romeo G., and J. V. Urbano. 2,681,226, Cl. 273—63.
- Les Glaceries de la Sambre, Societe Anonyme, assignee: *See*—
Laverdisse, Edmond.
Laverdisse, Edmond. 2,679,127.
- Lesca Costruzioni Elettromeccaniche S. p. A., assignee: *See*—
Lorusso, Giuseppe. 2,674,131.
- Lescallette, Richard F., to Armstrong Cork Co. 2,692,670, Cl. 198—33.
- Le Sech, Yves, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. 2,696,662, Cl. 29—195.
- Lesigne, Henri L., Vanves (Seine), assignor to Compagnie Generale d'Electricite, Paris, France. Automatic switching system applicable to telegraphy. 2,673,234, Mar. 23.
- Lesigne, Henri L., Vanves, assignor to Compagnie Generale d'Electricite, Paris, France. Commutator having a multiple marking in common with several marking devices. 2,673,246, Mar. 23.
- Lesjak, Babette V., executrix: *See*—
Lesjak, Michael.
Lesjak, Michael. 2,692,541.
- Lesjak, Michael, deceased, late of Goggingen, Germany, by B. V. Lesjak, executrix, Goggingen, Germany. Device for attaching perforated film strips to spool cores. 2,665,080, Jan. 5.
- Lesjak, Michael, deceased; B. V. Lesjak, executrix. 2,692,541, Cl. 95—90.5.
- Lesjak, Michael. 2,693,138, Cl. 95—90.5.
- Leskiewicz, Stanley, Lynn, and F. A. Hartung, Beverly, assignors to S. Leskiewicz, J. Hermanson, and J. Toll, copartners, doing business as North Shore Cutting Die Company, Lynn, Mass. Power bending machine for dies. 2,668,571, Feb. 9.
- Leskiewicz, Stanley, and F. A. Hartung, to S. Leskiewicz, J. Hermanson, and J. Toll, copartners, d. b. a. North Shore Cutting Die Co. 2,690,204, Cl. 153—29.
- Lesko, Henrietta, Chicago, Ill. Means for forming bolsters. 2,671,911, Mar. 16.
- Leslie Co.: *See*—
Leslie, John S. 2,682,891.
- Leslie, John D.: *See*—
Blanding, Forrest H., and Leslie. 2,681,304.

- Leslie, John H., II, and G. W. Allen, to Stewart-Warner Corp. 2,691,413, Cl. 158—28.
- Leslie, John S., to Leslie Co. 2,682,891, Cl. 137—625.36.
- Leslie, William B., Clovis, N. Mex., and O. K. Neville, Oak Ridge, Tenn., assignors to the United States of America as represented by the United States Atomic Energy Commission. Pressure regulator. 2,672,154, Mar. 16.
- Lestniak, Joseph, and J. A. Donnelly. 2,689,421, Cl. 40—10.
- L'Esperance, Francis A., Northampton, Mass. Suturing forceps. 2,665,692, Jan. 12.
- Less, Frank W., E. C. Roock, and J. C. Searer, to Durez Plastics & Chemicals, Inc. 2,692,246, Cl. 260—38.
- Less, Joseph W. 2,683,881, Cl. 2—151.
- Lessard, Alfred M. Re. 23,833, Cl. 200—51.
- Lestakis, Christy N. 2,686,483, Cl. 112—38.
- Lester Engineering Co.: See—
- Lester, Nathan.
- Schwartz, William H. 2,696,641.
- Lester, Kenneth: See—
- Nebergall, Otto L., and Lester. 2,693,660.
- Lester, Lawson L., Jr., Martinsville, Va. Two-part preformed window frame structure. 2,666,234, Jan. 19.
- Lester, Nathan, Shaker Heights, assignor to Lester Engineering Company, Cleveland, Ohio. Mold overload compensator. 2,671,246, Mar. 9.
- Lester, Nathan, Shaker Heights, assignor to Lester Engineering Company, Cleveland, Ohio. Mold overload compensator. 2,671,247, Mar. 9.
- Lester, Patrick, assignor to Pest Control Limited. 2,678,335, Cl. 260—543.
- Lester, Saul, to L. and A. Obstfeld. 2,691,778, Cl. 1—3.
- Lester, William N., Philadelphia, and E. E. Hebbel, Jr., Milmont Park, Pa., assignors to General Electric Company. Switchgear carriage orbital cam racking and interlocking mechanism. 2,673,260, Mar. 23.
- Lestershire Spool and Mfg. Co.: See—
- Crooks, Earl G. 2,690,885.
- Lesuk, Alex: See—
- Buck, Johannes S., and Lesuk. 2,685,601.
- Letac, Roger. 2,695,611, Cl. 128—173.
- Lethcoe, Joseph, Springfield, Ohio. Detachable light for motor trucks and trailers. 2,667,569, Jan. 26.
- Le Tourneau, Frank P., and H. E. Peterson, Duluth, Minn. Making combined line and halftone negatives. 2,665,984, Jan. 12.
- Le Tourneau, R. G., Inc.: See—
- La Baume, Hypolite L.
- Le Tourneau, Robert G. 2,675,927.
- Le Tourneau, Robert G. 2,683,318.
- Le Tourneau, Robert G. 2,686,535.
- Le Tourneau, Robert G. 2,688,104.
- Le Tourneau, Robert G. 2,695,041.
- Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Self-aligning carrier. 2,664,994, Jan. 5.
- Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Logging tractor. 2,665,110, Jan. 5.
- Le Tourneau, Robert G. 2,675,711, Cl. 74—421.
- Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc. 2,675,927, Cl. 212—59.
- Le Tourneau, Robert G. 2,682,717, Cl. 37—144.
- Le Tourneau, Robert G., to R. G. Le Tourneau, Inc. 2,683,318, Cl. 37—144.
- Le Tourneau, Robert G., to R. G. Le Tourneau, Inc. 2,686,535, Cl. 137—620.
- Le Tourneau, Robert G., to R. G. Le Tourneau, Inc. 2,688,104, Cl. 310—265.
- Le Tourneau, Robert G., to R. G. Le Tourneau, Inc. 2,695,041, Cl. 143—43.
- Le Trel, Jack K., Glendale, Calif. Swimmer's propulsion aid. 2,672,629, Mar. 23.
- Letrilliart, Pierre: See—
- Heidmann, Leon, and Letrilliart. 2,677,083.
- Heidmann, Leon, Galzin, and Letrilliart. 2,689,324.
- Letrilliart, Pierre, to Forges et Ateliers de Constructions Electriques de Jeumont. 2,692,365, Cl. 321—7.
- Letrilliart, Pierre, J. Delastre, and L. Buchet, to Forges et Ateliers de Constructions Electriques de Jeumont. 2,683,827, Cl. 310—220.
- Lettré, Hans: See—
- Kölling, Heinrich, and Lettré. 2,691,044.
- Linsert, Otto, and Lettré. 2,691,039.
- Lettré, Hans, W. Haede, and E. Ruhbaum, to Schenley Industries, Inc. 2,697,096, Cl. 260—239.5.
- Letvin, Samuel: See—
- Haynes, George P., and Letvin. 2,688,360.
- Letzkus, Leo C. 2,684,507, Cl. 20—57.5.
- Leu, Herbert: See—
- Allemann, Ernst, Fritschli, and Leu. 2,674,007.
- Leuthold, Benedikt, to Maag Zahnäder und Maschinen, A. G. 2,697,283, Cl. 33—179.5.
- Leuthold, Eugen, Neuhausen, Switzerland, and E. Blum, assignors to Saba Schwarzwälder Apparate-Bau-Anstalt August Schwer Sohn, G. m. b. H., Villengen, Schwarzwald, Germany. Continuously variable condenser. 2,670,453, Feb. 23.
- Lev, Harry, Chicago, Ill. Uniform cap. 2,672,616, Mar. 23.
- Leva, Max: See—
- Hock, Alvin, Sr., and Leva. 2,677,531.
- Leveke, Chester I., Des Moines, Iowa. Endless tread. 2,670,996, Mar. 2.
- Leveke, Chester I. 2,682,927, Cl. 180—9.1.
- Le Velle, Philip W., assignee: See—
- Dunn, Robert G. 2,678,396.
- Level-Line Ceilings, Inc., assignee: See—
- Jacobson, Victor. 2,676,678.
- Levenson, Harry: See—
- Centanni, Louis T. 2,694,257.
- Levenson, Milton: See—
- Casler, John A., Smith, Coleman, and Levenson. 2,693,705.
- Leventhal, Gabriel. 2,675,550, Cl. 2—42.
- Leveque, Bernard T., Wenham, assignor to Emmons Loom Harness Company, Lawrence, Mass. Loom harness heddle frame. 2,668,559, Feb. 9.
- Lever Brothers Co.: See—
- Blekkingh, Johan J. A. 2,692,886.
- Carlson, John A. 2,678,325.
- Gershon, Solomon D., Goldberg, and Netzbandt. 2,689,815.
- James, Frederick O. 2,677,665.
- Savidge, Leslie N., and Thomas. 2,690,453.
- Schall, Egon. 2,698,085.
- Schramm, Charles H. 2,694,723.
- Schramm, Charles H., and Karlson. 2,695,310.
- Steenhuis, Ludwig. 2,683,932.
- Ziels, Norbert W. 2,678,326.
- Lever Brothers & Unilever Ltd.: See—
- Trotter, Robert L.
- Trotter, Robert L. 2,698,123.
- Lever Motors Corp.: See—
- Chronic, Clarence C., and Shaffer. 2,696,808.
- Leverage Hand Brake Company, assignee: See—
- Sell, Theodore W. 2,674,902.
- Leverenz, Humboldt W., to Radio Corp. of America. 2,681,946, Cl. 178—5.4.
- Levers, James F.: See—
- Walker, Eric E., Mann, and Levers. 2,675,337.
- Levesque, Charles L.: See—
- Lo Cicero, Joseph C., and Levesque. 2,686,200.
- Levetus, Francis B., Allesley, Coventry, assignor to The Keelavite Company Limited, Coventry, England. Hydraulic ram mechanism. 2,664,860, Jan. 5.
- Levey, Fred'k H., Co., Inc.: See—
- Costello, John P. 2,696,168.
- Levey, Gustave S. 2,694,767, Cl. 219—38.
- Levi, Elmer W., Camden, N. J. Garment. 2,671,219, Mar. 9.
- Levi, Fulvio, to The Rola Co. Inc. 2,681,390, Cl. 179—115.5.
- Levi, Roberto, New York, assignor to Philips Laboratories, Inc., Irvington-on-Hudson, N. Y. Manufacturing tungsten articles of predetermined shape and dimensions. 2,669,008, Feb. 16.
- Levin, Abraham S. 2,694,556, Cl. 259—24.
- Levin, Carl A., to Ditto, Inc. 2,695,559, Cl. 101—132.5.
- Levin, David E., assignor to Evins, Inc. 2,675,632, Cl. 36—12.
- Levin, Isadore. 2,685,449, Cl. 280—47.32.
- Levin, Jess. 2,674,814, Cl. 36—11.5.
- Levin, Nathan. 2,693,687, Cl. 66—135.
- Levin, Nathan S., Chicago, Ill. Guide for trimming hair. 2,670,744, Mar. 2.
- Levin, Robert H.: See—
- Hanze, Arthur R., and Levin.
- Magerlein, Barney J., and Levin. 2,676,793.
- McIntosh, A. Vern, Jr., and Levin. 2,688,615.
- Spero, George B., and Levin.
- Levin, Robert H., B. J. Magerlein, and A. R. Hanze, assignors to The Upjohn Company, Kalamazoo, Mich. 11 beta, 17 alpha-dihydroxypregnan-20-ones and process. 2,671,095, Mar. 2.
- Levin, Robert H., and B. J. Magerlein, assignors to The Upjohn Company. 2,674,606, Cl. 260—397.45.
- Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, to The Upjohn Co. 2,681,919, Cl. 260—397.3.
- Levin, Robert H., G. B. Spero, and A. V. McIntosh, Jr., to The Upjohn Co. 2,686,780, Cl. 260—239.55.
- Levin, Robert H., G. B. Spero, and A. V. McIntosh, Jr., to The Upjohn Co. 2,697,704, Cl. 260—239.55.
- Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, to The Upjohn Co. 2,697,705, Cl. 260—239.55.
- Levin, Robert H., G. B. Spero, and A. V. McIntosh, Jr., to The Upjohn Co. 2,697,706, Cl. 260—239.55.
- Levine, Bernard, Bronx, N. Y., assignor to The Fotopak Corp., Englewood, N. J. Photographic exposure control circuit. 2,666,858, Jan. 19.
- Levine, David I., to Spring Unit Development Co. 2,681,085, Cl. 140—105.
- Levine, Harry, Brooklyn, N. Y. Hopper mechanism for slide fastener and stops. 2,670,778, Mar. 2.
- Levine, Jack W., to Le Roy Food Products, Inc. 2,685,395, Cl. 226—93.
- Levine, Morton: See—
- Kovach, Leslie. 2,693,861.
- Levinson, Steven, and W. C. Burner, to the United States of America as represented by the Secretary of the Army. 2,696,439, Cl. 95—88.
- Levinson, Benjamin L., New York, and J. Korshin, Cedarhurst, N. Y., assignors to Levinson Manufacturing Co., Incorporated, Pawcatuck, Conn. Lamp structure. 2,668,228, Feb. 2.

- Levinson, Isaac, and I. M. Smith. 2,697,847, Cl. 15—122.
 Levinson Manufacturing Co., Incorporated, assignee: *See—*
 Levinson, Benjamin L., and Korshin.
 Levis, William W., Jr.: *See—*
 Goshorn, Roland H., and Levis. 2,677,690.
 Goshorn, Roland H., and Levis. 2,685,587.
 Goshorn, Roland H., and Levis. 2,685,588.
 Levis, William W., Jr., to Sharples Chemicals Inc. 2,697,098, Cl. 260—302.
 Leviton Manufacturing Company, assignee: *See—*
 Smith, Christopher I.
 Levitt, Israel M., and W. Blitzstein. 2,686,269, Cl. 250—211.
 Levitt, Percy B.: *See—*
 Anderson, Thomas, and Levitt.
 Levkoff, David. 2,678,766, Cl. 229—16.
 Levvero, Hugo A., Montevideo, Uruguay. Fluid operated power generator. 2,667,589, Jan. 26.
 Levy, Abram, Jr., Atlanta, Ga. Display rack. 2,671,566, Mar. 9.
 Levy, Bohor R., Choisy-le-Roi, France. Signal system for vehicles. 2,666,870, Jan. 19.
 Lewis Engineering Co., The: *See—*
 Knudsen, Knud J. 2,697,356.
 Knudsen, Knud J. 2,697,735.
 Levy, Eyrle R. 2,680,549, Cl. 226—80.
 Levy, Harold: *See—*
 Hechter, Oscar, Jacobsen, Jeanloz, Levy, Pincus, Schenker, and Marshall.
 Levy, Herman C. 2,684,540, Cl. 36—68.
 Levy, Jacob: *See—*
 Kelley, Maurice J., and Levy. 2,681,354.
 Levy, Joseph, to Nopco Chemical Co. 2,684,371, Cl. 260—309.5.
 Levy, Joseph, and G. A. Bernotsky, to Nopco Chemical Co. 2,685,583, Cl. 260—293.2.
 Levy, Joseph S.: *See—*
 Singleton, Charles L. 2,689,338.
 Levy, Leonard L., Cedarhurst, N. Y. Combination blouse. 2,668,293, Feb. 9.
 Levy, Maurice M., to The General Electric Co., Ltd. 2,683,191, Cl. 179—15.
 Levy, Maurice M., to The General Electric Co. Ltd. 2,692,975, Cl. 332—11.
 Levy, Maurice M., to The General Electric Co. Ltd. 2,695,359, Cl. 250—20.
 Levy, Morris. 2,686,857, Cl. 200—142.
 Levy, Norman, and R. K. Greenhalgh, to Imperial Chemical Industries Ltd. 2,683,753, Cl. 260—641.
 Levy, Robert M.: *See—*
 Schur, Milton O., and Levy.
 Levy, Sidney E., S. J. White, and A. B. Cohen, to University Loudspeakers, Inc. 2,690,231, Cl. 181—27.
 Levy-Hawes, Felix, Rye, and M. Castel, Freeport, assignors to Hygienol Company, Inc., New Rochelle, N. Y. Method and machine for making powder puffs. 2,672,178, Mar. 16.
 Lew Mfg. Co.: *See—*
 Lanoie, Raymond A. 2,693,171.
 Lewellen, Albert R., Jr., J. H. Diedring, D. P. Clayton, and R. N. Falge, to General Motors Corp. 2,686,867, Cl. 240—41.
 Lewellen, Darcy E.: *See—*
 Lewellen, Emmons F. and D. E. 2,682,025.
 Lewellen, Darcy E. and E. F. 2,682,781, Cl. 74—472.
 Lewellen, Emmons F.: *See—*
 Lewellen, Darcy E. and E. F. 2,682,781.
 Lewellen, Emmons F. and D. E. 2,682,025, Cl. 318—11.
 Lewenstein, Mozes J. 2,683,106, Cl. 167—67.
 Lewin, Gerhard, Maplewood, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vapor electric device. 2,671,954, Mar. 16.
 Lewin, Gerhard, to Westinghouse Electric Corp. 2,693,547, Cl. 313—355.
 Lewin, Jacob W., Oak Park, Ill.; L. E. Lewin, administratrix of J. W. Lewin. Gauge stop for pipe benders. 2,666,351, Jan. 19.
 Lewin, Lillie E., administratrix: *See—*
 Lewin, Jacob W.
 Lewin-Mathes Company, assignee: *See—*
 Schweich, Edward F. 2,674,372.
 Lewin, Tobias, and P. L. Stratton, to Tobey Color Card Co. 2,695,005, Cl. 118—412.
 Lewinter, Sidney W.: *See—*
 Vallarino, Antonio R., and Lewinter. 2,685,642.
 Lewis, Albert, and W. F. Klemm. 2,674,935, Cl. 99—234.
 Lewis, Allen H., Berkeley, and R. D. Stayner, Albany, assignors to California Research Corporation, San Francisco, Calif. Preparation of esters of alkanephosphonic acids. 2,670,367, Feb. 23.
 Lewis, Allen H., and R. D. Stayner, assignors to California Research Corporation. 2,676,962, Cl. 260—247.5.
 Lewis, Allen H., and R. D. Stayner, assignors to California Research Corporation. 2,676,987, Cl. 260—567.6.
 Lewis, Arthur J., to The Autoyre Co. 2,694,323, Cl. 80—27.
 Lewis, Benjamin F., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Recording system. 2,672,395, Mar. 16.
 Lewis, Carl W. 2,680,515, Cl. 206—48.
 Lewis, Carlson J.: *See—*
 Bock, Louis H., and Lewis. 2,694,737.
 Lewis, Dartrey, and H. F. Stirn, to John A. Roebling's Sons Corp. 2,683,207, Cl. 219—8.
 Lewis, Donald A., Jr., Parma, Ohio. Sky lookout support. 2,669,784, Feb. 23.
 Lewis, Donald M., to Pullman Mfg. Corp. 2,684,499, Cl. 16—197.
 Lewis, Douglas R., to The Viscoseal Corp. 2,686,068, Cl. 286—11.14.
 Lewis Engineering and Mfg. Co., The: *See—*
 Kalish, David.
 Kalish, David. 2,689,401.
 Lewis, Frederic M., Belleville, Ontario, Canada, assignor to J. Saman, Watertown, N. Y. Foldable fence. 2,667,335, Jan. 26.
 Lewis, George W., to The Electric Auto-Lite Co. 2,684,139, Cl. 192—45.
 Lewis, Gilbert L., Kansas City, Mo. Hydraulic caster lift. 2,671,242, Mar. 9.
 Lewis, Gilbert, L. 2,680,468, Cl. 154—1.
 Lewis, Gordon M.: *See—*
 Marchant, Francis C. I., and Lewis. 2,696,711.
 Lewis, Gordon M., to The Bristol Aeroplane Co. Ltd. 2,696,712, Cl. 60—39.66.
 Lewis, Harold A.: *See—*
 Davis, Clyde O., Lewis, and Noddin. 2,685,251.
 Lewis, Harry F., and M. A. Buchanan, assignors to The Pacific Lumber Company. 2,674,575, C. 252—8.5.
 Lewis, Harry F., and M. A. Buchanan, assignors to The Pacific Lumber Company. 2,674,594, Cl. 260—124.
 Lewis, Harry F., and M. A. Buchanan, to The Pacific Lumber Co. 2,698,233, Cl. 92—3.
 Lewis, Henry P., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Vapor generator operation. 2,669,977, Feb. 23.
 Lewis, Herman O., to The Greif Bros. Cooperage Corp. 2,694,326, Cl. 81—15.
 Lewis Invisible Stitch Machine Company, assignee: *See—*
 Mueller, Charles W. 2,679,814.
 Lewis, John C., Jr.: *See—*
 Poch, Stephen, and Lewis. 2,691,690.
 Lewis, John M. 2,696,627, Cl. 15—104.04.
 Lewis, John M., and R. A. Bub, to Mine Safety Appliances Co. 2,691,427, Cl. 183—67.
 Lewis, June M. 2,684,072, Cl. 132—9.
 Lewis and Kaufman, Inc.: *See—*
 Gillmeister, Frederick W. 2,690,982.
 Lewis, M. H.: *See—*
 Felts, Gordon P., and Seeger. 2,694,190.
 Lewis, Mathias S., and A. R. McGarvey, assignors to Armstrong Cork Company. 2,675,623, Cl. 33—169.
 Lewis, Maxwell H.: *See—*
 Seeger, Robert W., and Felts. 2,690,173.
 Lewis, Morgan J. 2,691,693, Cl. 174—52.
 Lewis, Morgan J. 2,697,818, Cl. 339—198.
 Lewis, Murray R., assignor to Rembrandt Lamp Corporation. 2,680,317, Cl. 40—131.
 Lewis, Oliver G., assignor to Standard Oil Development Company. 2,678,431, Cl. 340—225.
 Lewis, Rehbock, and C. T. McElroy, to Sierra Lumber Products. 2,695,857, Cl. 154—106.
 Lewis, Richard B. 2,681,528, Cl. 42—57.
 Lewis-Shepard Co.: *See—*
 Hastings, Russell, Jr., and Bong. 2,687,190.
 Lewis, Sidney L. 2,687,509, Cl. 324—53.
 Lewis, Stephen J. 2,684,800, Cl. 226—14.
 Lewis, Thomas E.: *See—*
 Hickok, Willard H., and Lewis. 2,675,838.
 Lewis, Thomas G., to E. I. du Pont de Nemours and Co. 2,697,900, Cl. 51—289.
 Lewis, Thomas N., to McQuay-Norris Mfg. Co. 2,692,955, Cl. 307—117.
 Lewis, Tom. 2,693,101, Cl. 70—456.
 Lewis, Walter C., Dallas, Tex. Mechanic hand level. 2,665,485, Jan. 12.
 Lewis, Walter E., to the United States of America as represented by the Secretary of the Navy. 2,682,223, Cl. 102—70.2.
 Lewis, Warren E. 2,683,351, Cl. 60—54.
 Lewis, Warren J., assignor to The Ohio Brass Company, Mansfield, Ohio. Expansion anchor spring biased apart at entering end. 2,667,099, Jan. 26.
 Lewis, Warren J., to The Ohio Brass Co. 2,691,722, Cl. 246—246.
 Lewis, Warren K., to Standard Oil Development Co. 2,683,077, Cl. 23—177.
 Lewis, Warren K., Newton, and E. R. Gilliland, Arlington, Mass., assignors to Standard Oil Development Company. Production of pure carbon dioxide. 2,665,971, Jan. 12.
 Lewis, Warren K., Newton, and E. R. Gilliland, Arlington, Mass., assignors to Standard Oil Development Company. Production of pure carbon dioxide. 2,665,972, Jan. 12.
 Lewis, Warren K., Newton, and E. R. Gilliland, Arlington, Mass., assignors to Standard Oil Development Company. Production of industrial gas mixture of hydrogen and carbon monoxide. 2,671,719, Mar. 9.
 Lewis, Warren K., Newton, and E. R. Gilliland, Arlington, Mass., assignors to Standard Oil Development Company. Production of hydrocarbon synthesis gas. 2,671,720, Mar. 9.
 Lewis, Wilder P., East Haven, Conn., assignor to United States Steel Corporation. Pay-off reel. 2,673,045, Mar. 23.

- Lewis, Wilder P., East Haven, Conn., assignor to United States Steel Corporation. Apparatus for uncoiling wire. 2,673,046, Mar. 23.
- Lewis, Willard D., to Bell Telephone Laboratories, Inc. 2,688,700, Cl. 250—33,63.
- Lewis, Willard D., to Bell Telephone Laboratories, Inc. 2,695,958, Cl. 205—33,65.
- Lewis, William G.: *See*—
Mayo, Clyde R., and Lewis. 2,684,902.
- Lewis, William G. E.: *See*—
Mallinson, Dennis H., and Lewis. 2,675,673.
- Lewis, William L., assignor to Herff Jones Co., Indianapolis, Ind. Finger ring stone mounting. 2,666,306, Jan. 19.
- Lewis, William R.: *See*—
Kimball, Charles N., and Lewis.
- Lewis, William R., W. L. Bird, and L. B. Page, to Standard Oil Development Co. 2,688,004, Cl. 260—23.
- Lewkowicz, Leon, assignee: *See*—
Landau, Max A. 2,680,075.
- Lewton, Ross E., Highland Park, and D. T. Ball, Royal Oak, assignors to Chrysler Corporation, Highland Park, Mich. Shock absorber. 2,670,813, Mar. 2.
- Lewus, Alexander J. 2,692,362, Cl. 318—203.
- Lewyt, Alex M., and C. E. Meyerhoefer, to Lewyt Corp. 2,682,682, Cl. 15—339.
- Lewyt Corp.: *See*—
Lewyt, Alex M., and Meyerhoefer. 2,682,682.
- Leyes, Charles E.: *See*—
Bennes, William J., and Leyes. 2,679,661.
- Leyhausen, Wilhelm, Nurnberg, Germany. Automatic switch. 2,671,835, Mar. 9.
- Leypold, Dieter, to Siemens & Halske Aktiengesellschaft. 2,689,881, Cl. 178—69.
- Leypold, Dieter, to Siemens & Halske. 2,691,726, Cl. 250—20.
- Leypoldt, Harry R., and A. T. Stoddart, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for advancing material. 2,665,797, Jan. 12.
- Leyson, Leyte V. 2,689,001, Cl. 158—76.
- Leystra, Peter, Fair Lawn, N. J. Rolling base for trash cans and the like. 2,667,360, Jan. 26.
- Leyton, Eric M., to Electric & Musical Industries Ltd. 2,681,437, Cl. 332—39.
- Lezzani, John, Sr. 2,674,083, Cl. 56—338.
- L'Heureux, Charles: *See*—
Gollier, Leon, and L'Heureux. 2,685,287.
- Li, Yao Tzu. 2,698,371, Cl. 201—63.
- Liaaen, Nils J. 2,679,233, Cl. 121—41.
- Liakhoff, Léonide: *See*—
Jacob, Robert M., and Liakhoff.
- Libbey-Owens-Ford Glass Co.: *See*—
Badger, Alfred E., Kowalka, and Woods. 2,688,824.
- Barkley, Dwight W. 2,675,740.
- Colbert, William H., Morgan, and Weinrich. 2,676,117.
- Dunipace, Donald W., and Fowler.
- Dunipace, Donald W., and Nitschke.
- Gaiser, Romey A. 2,681,405.
- Gaiser, Romey A. 2,690,731.
- Gaiser, Romey A. 2,697,675.
- Gaiser, Romey A. 2,698,261.
- Jendrisak, Joseph E.
- Jendrisak, Joseph E. 2,688,210.
- Jendrisak, Joseph E. 2,695,476.
- Koester, Melvin C.
- Koester, Melvin C. 2,692,064.
- McAuley, James W. 2,692,836.
- McLaughlin, Eli H. 2,690,073.
- Ogle, James C., Jr.
- Ogle, James C., and Jordan. 2,688,214.
- Powers, Harold O., and Thwaites. 2,695,705.
- Rogers, Howard R.
- Starnier, James E.
- Steinman, Robert. 2,688,006.
- Steinman, Robert. 2,688,007.
- Walters, Emmett L.
- Young, Thomas K., and McAuley.
- Libby, Carl F. 2,684,693, Cl. 139—92.
- Libby, Carl F. 2,696,845, Cl. 139—291.
- Libby, Carl F. 2,696,846, Cl. 139—291.
- Libby, Elmer B. 2,696,230, Cl. 143—171.
- Libby, William H.: *See*—
Freyermuth, Harlan B., Libby, and Williams. 2,676,982.
- Williams, William W., Libby, and Freyermuth. 2,691,653.
- Liberty Machine Company, Inc., assignee: *See*—
Pasquale, John. 2,675,852.
- Libman, Dennis D.: *See*—
Slack, Ronald, Libman, and Pain.
- Libman, Earl E., to Control Instrument Co., Inc. 2,682,370, Cl. 235—61.5.
- Librascope, Inc.: *See*—
Imm, Lewis W.
- Imm, Lewis W. 2,678,772.
- Imm, Lewis W. 2,684,279.
- Opocensky, Willard J.
- Opocensky, Willard J., and Brandon. 2,682,373.
- Opocensky, Willard J., and Imm. 2,684,280.
- Webster, Donald C. 2,675,291.
- Libshutz, Harry and I. 2,692,388, Cl. 2—195.
- Libshutz, Irving: *See*—
Libshutz, Harry and I. 2,692,388.
- Licentia Patent-Verwaltungs-G. m. b. H.: *See*—
Hosemann, Rolf. 2,683,223.
- Koppelman, Floris.
- Koppelman, Floris. 2,693,574.
- Kramer, Werner.
- Licht, Emanuel H., $\frac{1}{2}$ to L. F. Schleifer, and $\frac{1}{2}$ to S. A. Licht. 2,697,775, Cl. 219—46.
- Licht, Saul A.: *See*—
Licht, Emanuel H. 2,697,775.
- Lichtenberg, Erich H., Milwaukee, and D. C. Jones, assignors to Kwik-Mix Company, Port Washington, Wis. Drum mixer with power-operated discharge positioning means. 2,668,695, Feb. 9.
- Lichtenberger, Harold V.: *See*—
Cerutti, Bernard C., and Lichtenberger. 2,682,785.
- Lichtenberger, Harold V., to the United States of America as represented by the United States Atomic Energy Commission. 2,691,773, Cl. 340—242.
- Lichtenfels, Ira W., Harborscreek, Pa., assignor to General Electric Company. Dynamic braking system for electric motors. 2,669,685, Feb. 16.
- Lichtenfels, Merle F., Monroe, La., assignor to Columbian Carbon Company, New York, N. Y. Recovering carbon black from a gaseous suspension. 2,668,754, Feb. 9.
- Lichtenstein, E.: *See*—
Hills, Elmer G. 2,688,083.
- Lichtenstein, Roland M.: *See*—
Edwards, Russell N., Goodale, and Lichtenstein. 2,683,804.
- Lichtgarn, Fred, Chicago, Ill. Liquid filter. 2,672,986, Mar. 23.
- Lichtman, Harry: *See*—
Margolis, Louis, and Lichtman. 2,685,746.
- Lichtman, Samuel W., Oxon Hill, Md. High-intensity operation of Geiger tubes. 2,672,561, Mar. 16.
- Lichtwardt, Harlow E.: *See*—
Curtis, Thomas E., and Lichtwardt. 2,680,171.
- Lichty, Horace J., assignee: *See*—
Schadt, Owen P.
- Lichty, Lester C., New Haven, Conn., assignor to Socony-Vacuum Oil Company, Incorporated. Gas turbine and operation therefor. 2,671,314, Mar. 9.
- Lichty, Lyall J.: *See*—
Lindsley, Thayer, and Lichty. 2,698,229.
- Lico Mfg. Co., Inc.: *See*—
Lomazzo, Edmund J., and Maquat. 2,678,100.
- Lomazzo, Edmund J., and Maquat. 2,682,924.
- Liddicoat, Percill, deceased, by P. E. Liddicoat, executrix. 2,685,274, Cl. 121—32.
- Liddicoat, Phyllis E.: *See*—
Liddicoat, Percill. 2,685,274.
- Lidford, John A.: *See*—
Hammond, William E., and Lidford. 2,674,442.
- Hammond, William E., Lidford and Ballard.
- Lidmalm, Tord N. G., to Svenska Aeroplan A/B. 2,689,277, Cl. 200—61.09.
- Liebel-Flarsheim Co., The: *See*—
Lohman, Robert R., and Brenner. 2,689,916.
- Lieberman, Eli: *See*—
Lee, Aaron, and Lieberman. 2,693,680.
- Lieberman, Harry L., assignor to Leonard-Chicago Corp. 2,675,566, Cl. 5—231.
- Lieberman, Leon J. 2,676,393, Cl. 29—189.
- Lieberman, Lillian B.: *See*—
Lieberman, Nathan L. 2,692,732.
- Lieberman, Nathan L., to L. B. Lieberman. 2,692,732, Cl. 237—16.
- Liebermann, John: *See*—
Raney, Estel C., and Liebermann. 2,674,665.
- Lieberthal, Harold M. 2,689,961, Cl. 5—334.
- Liebowitz, Benjamin. 2,681,019, Cl. 112—2.
- Liebowitz, Benjamin, and T. Loew, said Loew to said Liebowitz. 2,681,020, Cl. 112—2.
- Liebrandt, Karl: *See*—
Zwingenberger, Arno. 2,686,409.
- Liebrandt, Karl, Oberfranken, Germany. Drive control apparatus for beam warpers. 2,666,250, Jan. 19.
- Liebrandt, Karl, and A. Zwingenberger; said Zwingenberger assignor to said Liebrandt. 2,686,411, Cl. 66—146.
- Liechti, Hans W., Riehen, assignor to Ciba Limited, Basel, Switzerland. Disazo-dyestuff. 2,667,477, Jan. 26.
- Liedholm, George E.: *See*—
Johnson, Ava J., Liedholm, and Lowman. 2,694,037.
- Liedstrand, R. M., assignee: *See*—
Lee, Clarence C. 2,679,243.
- Liedtke, Hugo F.: *See*—
Drum, Harry S., Liedtke, and Schmitz.
- Liedtke, Stanley D.: *See*—
Heller, Raymond H., and Liedtke. 2,680,401.
- Lien, Arthur P.: *See*—
Arnold, Robert C., and Lien.
- Johnson, Carl E., and Lien.
- McCaulay, David A., and Lien. 2,683,758—62.
- Shalit, Harold, Deters, and Lien. 2,690,417.
- Shalit, Harold, and Lien. 2,697,694.
- Lien, Arthur P., Highland, and C. E. Johnson, Griffith, Ind., assignors to Standard Oil Company, Chicago, Ill. Recovery of ethylene. 2,670,391, Feb. 23.
- Lien, Arthur P., and H. Shalit, assignors to Standard Oil Company. 2,677,648, Cl. 196—28.

- Lien, Arthur P., and D. A. McCaulay, to Standard Oil Co. 2,683,763, Cl. 260—674.
- Lien, Arthur P., and D. A. McCaulay, to Standard Oil Co. 2,683,764, Cl. 260—674.
- Lien, Jesse R., to the United States of America as represented by the Secretary of the Navy. 2,691,099, Cl. 250—20.
- Lienard, Pierre A., to Office National d'Etudes et de Recherches Aeronautiques. 2,684,067, Cl. 128—152.
- Lierley, John T., Los Angeles, Calif. Movable stage construction and photographing system. 2,668,472, Feb. 9.
- Liettaert, Harold E.: *See—*
Meyer, Robert R., and Liettaert.
- Lietzau, Clarence: *See—*
Burke, Peter J., and Lietzau. 2,697,628.
- Liff, Charles P., assignee: *See—*
Lurie, Oscar M.
- Lifquist, Arthur W. 2,679,803, Cl. 102—39.
- Lifshutz, David, assignee: *See—*
Friedman, William. 2,677,861.
- Liggett, Charles L., Goodlettsville, Tenn. Table or the like with normally concealed minor service member. 2,667,396, Jan. 26.
- Liggett, Lawrence M.: *See—*
Leaf, Clyde W., and Liggett.
- Light, Curtis A. 2,692,125, Cl. 259—116.
- Light, George G., Scarsdale, N. Y., and F. L. Currie, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph message allotting system. 2,673,235, Mar. 23.
- Light, James W.: *See—*
Dinsmore, Albert P., Treseder, Light, Geyer, and Whitmer.
- Light, James W., Greenville, and R. C. Treseder, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Biasing type electronic synchronizer. 2,673,309, Mar. 23.
- Lighter, Stephen. 2,692,701, Cl. 220—113.
- Lightfoot, Ralph B., Stratford, assignor to United Aircraft Corporation, East Hartford, Conn. Helicopter rotor. 2,669,313, Feb. 16.
- Lightfoot, Ralph B., to United Aircraft Corp. 2,689,099, Cl. 244—17.19.
- Lightfoot, William A.: *See—*
Davison, Richard, and Lightfoot. 2,696,698.
- Lighthall, Albert C., deceased, and A. B. Anderson: *See—*
Lighthall, administratrix of said A. C. Lighthall. 2,685,529, Cl. 106—163.
- Lighthall, Lillian F.: *See—*
Lighthall, Albert C., and Anderson. 2,685,529.
- Lighting Products, Inc., assignee: *See—*
Dunne, Daniel E., and Janness. 2,677,046.
- Lacy, Kenneth B.
- Tillson, Edwin D.
- Lightolier, Inc.: *See—*
Florence, Noel S. 2,694,775.
- Lignes Telegraphiques & Telephoniques, assignee: *See—*
Prache, Marie P.
- Liguori, Anthony: *See—*
Canfora, Arthur E., and Liguori. 2,682,574.
- Shenk, Eugene R., Liguori, and Canfora.
- Liguori, Anthony, New York, N. Y., assignor to Radio Corporation of America. Linear period pulse modulator. 2,673,331, Mar. 23.
- Liguori, Anthony, to Radio Corp. of America. 2,685,613, Cl. 178—70.
- Liguori, Anthony, E. R. Shenk, and H. J. Kishi, to Radio Corp. of America. 2,688,051, Cl. 178—69.
- Lihn, Manuel M., Clementon, N. J. Stocking and making same. 2,664,726, Jan. 5.
- Liles, Harry. 2,679,641, Cl. 340—244.
- Lilienfeld, Julius E., St. Thomas, V. I., assignor to S. D. Warren, Essex, and R. F. Burkard, Arlington, Mass., jointly. Alternating current electrolytic condenser. 2,673,955, Mar. 30.
- Lilienfeld, Julius E., to S. D. Warren and R. F. Burkard. 2,685,053, Cl. 317—231.
- Lilienfeld, Julius E., to S. D. Warren and R. F. Burkard. 2,686,892, Cl. 317—230.
- Lilja, Ernest L., to Club Aluminum Products Co. 2,686,597, Cl. 210—163.5.
- Liljengren, Curtis P., and E. R. McGregor, assignors to Flight Equipment and Engineering Corp. 2,674,300, Cl. 155—5.
- Liljgren, Lyle K., to the United States of America as represented by the Secretary of the Army. 2,694,364, Cl. 102—49.
- Liljgren, Lyle K., to the United States of America as represented by the Secretary of War. 2,697,400, Cl. 102—56.
- Liljestrand, Walter E.: *See—*
Garrett, William R., Liljestrand, and Young.
- Jisha, Fred L., Liljestrand, and Young. 2,677,389.
- Lillard, James G., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Recovery of oxidation inhibitors. 2,671,753, Mar. 9.
- Lillard, James G., assignor, by mesne assignments, to Standard Oil Development Company. 2,674,568, Cl. 196—151.
- Lillard, Rufus B., El Paso, Tex., and W. W. Willard, Beaumont, Calif.: said R. B. Lillard assignor to said W. W. Lillard. Needle threader. 2,668,644, Feb. 9.
- Lillard, William W.: *See—*
Lillard, Rufus B., and W. W.
- Lilley, Samuel C., to United Elastic Corp. 2,682,283, Cl. 139—421.
- Lilliendahl, William C., D. Wroughton, R. Nagy, and J. W. Marden, to the United States of America as represented by the United States Atomic Energy Commission. 2,690,421, Cl. 204—10.
- Lilly, Eli, and Co.: *See—*
Burnside, Carl B. 2,677,374.
- Burrin, Philo L. 2,687,367.
- Doran, Wilbur J.
- Hoffmann, William F., and Skillman.
- Kath, Alfred W.
- Kohlstaedt, Kenneth G.
- Mills, Jack, and Rohrmann.
- Shahovskoy, George.
- Shahovskoy, George S., and Svoboda. 2,689,851.
- Shepard, Edwin R. 2,683,713.
- Strain, William H. 2,679,531.
- Unger, Chester E. 2,689,677.
- Lilly, Michael M., and J. P. Swed, assignors to E. I. du Pont de Nemours and Company. 2,676,542, Cl. 102—24.
- Lilly, Stuart C. 2,685,864, Cl. 119—147.
- Lily-Tulip Cup Corporation, assignee: *See—*
Amberg, Walter E.
- Amberg, Walter E. and S. W.
- Lim, Peter. 2,684,121, Cl. 169—26.
- Limbach, David R. 2,681,839, Cl. 311—2.
- Limberger, Frank W. 2,676,448, Cl. 56—25.4.
- Limbert, Rollin J. 2,688,753, Cl. 4—57.
- Lime, Eymal J., and C. S. Hedges, to Crelo Mfg. Co., Inc. 2,684,782, Cl. 221—174.
- Limerick, Jack M., to Bathurst Power & Paper Co. Ltd. Re. 23,868, Cl. 92—16.
- Limia, Benito. 2,682,664, Cl. 2—152.
- Limon, Walter, A. M. Kamper, and G. Berry, Coventry, assignors to Humber Limited, Stoke, Coventry, England. Change-speed gearing. 2,672,763, Mar. 23.
- L'Impregnation, assignee: *See—*
Bendler, Jean R. 2,680,446.
- Linch, Adrian L., to E. I. du Pont de Nemours & Co. 2,686,809, Cl. 260—578.
- Linch, Adrian L., to E. I. du Pont de Nemours and Co. 2,691,681, Cl. 260—575.
- Link, Robert O., San Juan, P. R. Surface marking signal. 2,669,211, Feb. 16.
- Lincke, Emil L. 2,697,244, Cl. 16—115.
- Lincke, Reinhold, assignor to MSO Maschinen- und Schleifmittelwerke. 2,676,068, Cl. 308—65.
- Lincoln, Arnold J., Florham Park, assignor to Baker & Co., Inc., Newark, N. J. Bonding resistors in electric furnaces. 2,666,088, Jan. 12.
- Lincoln Brass Works, Inc., assignee: *See—*
Blackford, Donald E.
- Blackford, Donald E. 2,678,186.
- Lincoln, Carl E. 2,691,110, Cl. 290—38.
- Lincoln, Clovis W., assignor to General Motors Corporation. 2,675,715, Cl. 74—498.
- Lincoln, Clovis W., to General Motors Corp. 2,688,885, Cl. 74—499.
- Lincoln, Clovis W., and P. B. Zeigler, to General Motors Corp. 2,691,308, Cl. 74—388.
- Lincoln, Clovis W., P. B. Zeigler and H. D. Spiekerman, to General Motors Corp. 2,691,704, Cl. 200—61.34.
- Lincoln, Clovis W., P. B. Zeigler, and H. D. Spiekerman, to General Motors Corp. 2,696,126, Cl. 74—484.
- Lincoln, Clovis W., P. B. Zeigler, and R. A. Malone, to General Motors Corp. 2,696,127, Cl. 74—484.
- Lincoln, Edward H.: *See—*
Wright, John B., and Lincoln. 2,695,919.
- Lincoln Electric Co., The: *See—*
Landis, George G., and Hoenie.
- Stringham, Leonidas K., and Ashton. 2,681,875.
- Lincoln Engineering Co.: *See—*
Dorsey, Sherman H. 2,675,097.
- Klein, Victor G. 2,698,190.
- Klein, Victor G., and Mueller. 2,686,476.
- Rotter, Lutwin C. 2,694,977.
- Lincoln, Frank H., Jr.: *See—*
Hogg, John A., Beal, and Lincoln. 2,695,906.
- Hogg, John A., and Lincoln. 2,678,931.
- Hogg, John A., Nathan, and Lincoln. 2,683,722.
- Lincoln, Frank H., Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. 17 (20)-oxido-3, 11a, 20-triacetyloxypregnanes. 2,671,084, Mar. 2.
- Lincoln, Frank H., Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. Steroid compounds. 2,671,093, Mar. 2.
- Lincoln, Frank H., Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. Steroid compounds. 2,671,094, Mar. 2.
- Lincoln, James, to British Celanese Ltd. 2,684,281, Cl. 18—54.
- Lincoln, James, to British Celanese Ltd. 2,692,248, Cl. 260—42.
- Lincoln, James, to British Celanese Ltd. 2,692,249, Cl. 260—42.
- Lincoln, Paul A., to Ingersoll-Rand Co. 2,692,756, Cl. 255—51.
- Lind, Otto H. 2,681,196, Cl. 248—71.
- Lindahl, Hilmer C., New York, N. Y., assignor to Raytheon Manufacturing Company, Newton, Mass. Energy radiation apparatus. 2,671,853, Mar. 9.

- Lindars, Herman. 2,688,477, Cl. 265—48.
- Lundberg, Allan W., and J. C. Rombach, to Missouri Automatic Control Corp. 2,688,108, Cl. 315—206.
- Lindberg, Alner E.: *See—*
- Lindberg, John R. and A. E. 2,692,679.
- Lindberg, Carl R. 2,675,206, Cl. 251—237.
- Lindberg Engineering Co.: *See—*
- Lang, Karl A.
- Lang, Karl A. 2,694,176.
- Lang, Karl A. 2,694,740.
- Stevenson, Cary H. 2,674,638.
- Lindberg, Harry E., assignor to Pittsburgh-Des Moines Company, Pittsburgh, Pa. Elevated tank. 2,672,253, Mar. 16.
- Lindberg Instrument Co., assignee: *See—*
- Ray, Charles H., and Sears.
- Lindberg, John R. and A. E. 2,692,679, Cl. 209—261.
- Lindberg, Richard C., to Goodman Mfg. Co. 2,689,117, Cl. 262—9.
- Lindberg, Richard C., to Goodman Mfg. Co. 2,689,118, Cl. 262—9.
- Lindberg, Sten G.: *See—*
- Söderlund, Gustav K., Lindberg, and Simmons. 2,678,615.
- Lindblad, Karl R., to Svenska Cellulosa Aktiebolaget. 2,685,235, Cl. 92—36.
- Lindblad, Lars A., to Aktiebolaget Bofors. 2,690,529, Cl. 317—192.
- Lindblad, Lars A., to Aktiebolaget Bofors. 2,694,797, Cl. 336—117.
- Lindblom, Carl A., Auburn, Ind., assignor to International Harvester Company. Tandem axle suspension. 2,665,141, Jan. 5.
- Lindblom, Karl Å.: *See—*
- Björklund, Gustaf E., and Lindblom. 2,690,081.
- Lindblom, Nils H.: *See—*
- Stille, Gunnar V., and Lindblom. 2,695,699.
- Linde, Hilding. 2,683,543, Cl. 214—303.
- Linde, Hilding. 2,683,544, Cl. 214—303.
- Linde, Leonard J., to Allis-Chalmers Mfg. Co. 2,681,958, Cl. 200—82.
- Lindell, Aubrey O. E.: *See—*
- Douglas, Ronald W., and Lindell.
- Lindell, Sigurd I., assignor to S & C Electric Company, Chicago, Ill. Circuit interrupter construction. 2,671,142, Mar. 2.
- Lindell, Sigurd I., assignor to S & C Electric Company, Chicago, Ill. Circuit interrupter construction. 2,671,145, Mar. 2.
- Lindell, Sigurd I., to S. & C. Electric Co. 2,685,004, Cl. 200—48.
- Lindeman, Charles A., Jr., Cicero, Ill. Electrical fuse wall outlet. 2,667,547, Jan. 26.
- Lindeman, Edward H.: *See—*
- McCormick, Lloyd A., and Lindeman. 2,692,134.
- Lindeman, Edward H., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Leaf spring structure. 2,666,637, Jan. 19.
- Lindeman, Myrl A., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Differential counter. 2,668,012, Feb. 2.
- Lindemann, A. J., & Hoverson Co.: *See—*
- Gappa, William L., and Buerki. 2,688,361.
- Lindemann, Herbert. 2,697,255, Cl. 18—48.
- Lindemann, Robert E.: *See—*
- Strong, Walter J., and Lindemann.
- Linden, Carl E.: *See—*
- Knosp, Robert N., Linden, and Wetzell. 2,674,706.
- Linden, David: *See—*
- Fischbach, Adolph, and Linden. 2,679,547.
- Linden, Gustave B.: *See—*
- Gaspar, Bela, Dreyfuss, and Linden. 2,696,438.
- Gaspar, Bela, Linden, and Dreyfuss. 2,677,612.
- Linden, Samuel, to Bunny Bear, Inc. 2,690,790, Cl. 155—79.
- Lindenbein, Edwin E. 2,677,184, Cl. 33—75.
- Lindenberg, Charles H. 2,674,058, Cl. 43—42.06.
- Lindenberg, Milton L., and L. R. King. 2,696,717, Cl. 62—106.
- Lindenbergh, Pieter C., Katwijk a/d Rijn, assignor to N. V. Leidsche Duinwater Maatschappij, Leiden, Netherlands. Apparatus for the aeration of water for purification purposes. 2,669,440, Feb. 16.
- Lindenblad, Nils E., Port Jefferson, N. Y. 2,679,019, Cl. 315—3.
- Lindenblad, Nils E., to Radio Corp. of America. 2,685,029, Cl. 250—33.
- Lindenblad, Nils E., to Radio Corp. of America. 2,686,219, Cl. 178—5.4.
- Lindenblad, Nils E., to Radio Corp. of America. 2,687,513, Cl. 333—32.
- Lindenfelser, Richard, and M. K. Kilthau, to American Cyanamid Co. 2,697,086, Cl. 260—29.4.
- Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge apparatus utilizing a cavity resonator. 2,667,598, Jan. 26.
- Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,669,609, Feb. 16.
- Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Sponge glass seal for wave guides. 2,670,462, Feb. 23.
- Linder, Victor F., assignor to O'Neil-Irwin Manufacturing Company. 2,678,080, Cl. 153—16.
- Linderman, Garrett B., deceased, assor. of 1/2 to C. E. Earle; D. B. Earle, executrix. 2,680,900, Cl. 29—148.
- Linderoth, Erik T. 2,682,071, Cl. 15—147.
- Linderoth, Lambert S., Jr., W. M. Houghton, and D. Edgar, assignors to United Shoe Machinery Corporation. 2,679,699, Cl. 34—163.
- Lindert, Albert W.: *See—*
- Cafcas, Thomas, and Lindert.
- Deiman, Edgar A., and Lindert. 2,677,618.
- Fainman, Morton, Lemmon, and Lindert. 2,692,280.
- Lindfors, Onni, to Fairbanks, Morse & Co. 2,682,631, Cl. 318—221.
- Lindgren, Arnold C.: *See—*
- Altgelt, Rudolph J., and Lindgren. 2,674,467.
- Lindgren, Frank A., and R. C. Lundquist, to Goodman Mfg. Co. 2,695,700, Cl. 198—139.
- Lindgren, Hans O.: *See—*
- Afzelius, Ivar A., and Lindgren. 2,678,936.
- Lindgren, Hans O., Smedslatten, assignor of one-half to Aktiebolaget Separator, Stockholm, Sweden, and one-half to Imperial Chemical Industries, Limited, London, England. Recovering protein from protein-bearing material. 2,667,973, Feb. 2.
- Lindgren, Karl O., assignor to G. E. O. Bengtson. 2,677,197, Cl. 34—115.
- Lindgren, Robert F., to Daco, Inc. 2,684,561, Cl. 51—241.
- Lindgren, Roy J. 2,696,048, Cl. 32—51.
- Lindh, Olle H.: *See—*
- Owén, Jonas L. and P. I., and Lindh.
- Lindhe, John H. O., assignor to A. Johnson & Co. 2,674,578, Cl. 252—56.
- Lindhurst, Roland W.: *See—*
- Hasler, Maurice F., Proctor, Kemp, and Lindhurst. 2,675,734.
- Lindinger, Alfred: *See—*
- Tanner, Lawrence S. 2,682,500.
- Lindkvist, Knut V. 2,685,723, Cl. 25—41.
- Lindlar, Herbert, to Hoffmann-La Roche Inc. 2,681,938, Cl. 260—611.
- Lindley, Frederick A., Jr., to Smith-Meeker Engineering Co. 2,688,730, Cl. 332—19.
- Lindner, Frank W. 2,685,345, Cl. 183—45.
- Lindner, Fritz, and E. Dörzbach, to Farbwerke Hoechst Aktiengesellschaft vormals meister Lucius und Bruning. 2,693,434, Cl. 167—75.
- Lindner, Karol. 2,694,374, Cl. 112—186.
- Lindquist, Arthur E. 2,697,402, Cl. 103—126.
- Lindquist, Curt A. J., assignor, by mesne assignments, to Aktiebolaget Celloplast, Norrköping, Sweden. Method and apparatus for continuous production of absorbing material. 2,665,450, Jan. 12.
- Lindquist, Curt A. J., assignor to Aktiebolaget Celloplast, Norrköping, Sweden. Artificial sponge cloth. 2,671,743, Mar. 9.
- Lindquist, John R., Chicago, Ill., assignor to Certain-Teed Products Corporation, Ardmore, Pa. Paper making processes. 2,668,111, Feb. 2.
- Lindquist, Jonas T.: *See—*
- Farkas, Alfred J., and Lindquist. 2,691,936.
- Lindquist, Morris W., and W. Masys. 2,676,380, Cl. 24—236.
- Lindquist, Wilton G., to Curtiss-Wright Corp. 2,681,760, Cl. 230—127.
- Lindsay, Alexander R., to The Budd Co. 2,687,325, Cl. 296—28.
- Lindsay, Alexander R., to The Budd Co. 2,689,765, Cl. 296—28.
- Lindsay, Clare J.: *See—*
- Lindsay, Harold W. and C. J. 2,694,275.
- Lindsay Co., The: *See—*
- Lindsay, Lynn G. 2,682,386.
- Lindsay, Lynn G. 2,689,006.
- Lindsay, Harold W., to Ampex Electric Corp. 2,683,568, Cl. 242—55.
- Lindsay, Harold W. and C. J. 2,694,275, Cl. 51—128.
- Lindsay, Harry A. L. 2,679,894, Cl. 155—127.
- Lindsay, Jacques K.: *See—*
- Robeson, Charles D., and Lindsay. 2,676,988.
- Lindsay, Lynn G., to The Lindsay Co. 2,682,386, Cl. 251—74.
- Lindsay, Lynn G., to The Lindsay Co. 2,689,006, Cl. 161—7.
- Lindsay, Wesley N., assignor to Food Machinery and Chemical Corporation. 2,676,668, Cl. 183—4.2.
- Lindsay, Wesley N., and W. G. Hendrickson, assignors to Food Machinery and Chemical Corporation. 2,674,338, Cl. 183—4.1.
- Lindsey, Ernest E., Los Angeles, Calif. Means for freezing liquids. 2,671,646, Mar. 9.
- Lindsey, Homer F. 2,693,729, Cl. 81—125.
- Lindsey, Richard V., Jr., and M. L. Peterson, assignors to E. I. du Pont de Nemours & Company. 2,680,713, Cl. 204—59.
- Lindsey, Seth B., to Minnesota Mining & Mfg. Co. 2,684,240, Cl. 271—2.3.
- Lindsey, William H., and L. R. Fellows, assignors to Armstrong Siddeley Motors Limited, Coventry, England. Means for preventing the formation of ice on an aircraft or in a gas turbine engine therefor. 2,670,912, Mar. 2.

- Lindsley, Frank J. 2,692,444, Cl. 35—35.
 Lindsley, Thayer, and L. J. Lichty, to Quebec Metallurgical Industries Ltd. 2,698,229, Cl. 75—40.
 Lindstrom, Charles M., assignor, by mesne assignments, to Bostitch, Inc. 2,678,443, Cl. 1—187.
 Lindstrom, Charles M., to Bostitch, Inc. 2,682,054, Cl. 1—187.
 Lindstrom, Eddie G., and R. L. Woodruff, assignors to California Research Corporation. 2,676,925, Cl. 252—18.
 Lindstrom, Howard D., to Remington Rand Inc. 2,688,525, Cl. 312—140.1.
 Lindström, Hugo: *See—*
 Dreyfus, Ludwig, Thelemarck, Beckius, and Lindström.
 Lindstrom, Ture: *See—*
 MacNeill, John B., Florschütz, Lindstrom, and Tremblay.
 Lindwall, Gunnar. 2,687,822, Cl. 217—78.
 Line, Gerald D., to Eaton Mfg. Co. 2,682,863, Cl. 123—90.
 Linear Incorporated, assignee: *See—*
 Fisler, William C., and Summers.
 Linehan, James W., to Crown Zellerbach Corp. 2,685,150, Cl. 47—9.
 Linford, Leon B.: *See—*
 Lawson, James L., Linford, and Johnson. 2,688,697.
 Lingal, Harry J., and J. Sandin, to Westinghouse Electric Corp. 2,691,709, Cl. 200—108.
 Lingard, James B., Kansas City, Mo. Road map support for motor vehicles. 2,671,977, Mar. 16.
 Lingel, Fred J., Syracuse, N. Y., assignor to General Electric Company. Rectifier assembly. 2,665,399, Jan. 5.
 Lingel, Fred J., to General Electric Co. 2,684,457, Cl. 317—234.
 Lingner, Julius S., to The A. & W. Machine Co. 2,683,469, Cl. 139—166.
 Liniger, Walter, Berne-Bumpliz, assignor, by mesne assignments, to Max Lehner & Co. A. G., Granichen, Switzerland. Knitting machine needle. 2,671,327, Mar. 9.
 Link Aviation, Inc.: *See—*
 Hicken, James. 2,685,747.
 Link-Belt Co.: *See—*
 Benner, Charles J., Jr.
 Campbell, Williams S. 2,692,041.
 Harvengt, Edmond. 2,694,490.
 Pierce, Harold S.
 Strnad, Frank J.
 Link, Edwin A., assignor to R T & E Company. 2,674,716, Cl. 323—43.5.
 Link, George C., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Automatic brake adjuster. 2,670,059, Feb. 23.
 Link, Herbert W., assignee: *See—*
 Weber, Milton N.
 Link, Karl P.: *See—*
 Seidman, Martin, and Link.
 Link, Karl P., to The d-Con Co., Inc. 2,687,365, Cl. 167—46.
 Link, Oliver P., assignee: *See—*
 Bacon, Warren M.
 Link Radio Corp.: *See—*
 Budelman, Frederick T. 2,685,648.
 Link Welder Corp.: *See—*
 Day, Harry E., and Biederman. 2,683,206.
 Linker, J. B.: *See—*
 Martin, Jesse. 2,689,439.
 Linker Machines, Inc., assignee: *See—*
 Demarest, Daniel D., Perkins, Karius, and Berendt.
 Links, Heinrich K. 2,675,795, Cl. 123—140.
 Links, Heinrich K. 2,688,924, Cl. 103—4.
 Links, Heinrich K., to Daimler-Benz Aktiengesellschaft. 2,688,926, Cl. 103—41.
 Linn, Carl B., assignor to Universal Oil Products Company. 2,678,338, Cl. 260—666.
 Linn, Jerome S., to Elcon Mfg. Co. 2,681,441, Cl. 339—259.
 Linn, Wayne E. 2,686,316, Cl. 2—161.
 Linnenbank, Donald, F. B. Money, and D. P. Noel, Jr., to The Boston Metals Co. 2,687,106, Cl. 114—208.
 Linney, Robert J. 2,681,874, Cl. 148—21.55.
 Linscheid, Arthur A. 2,694,894, Cl. 56—226.
 Linsert, Otto, and H. Lettré, to Schenley Laboratories Inc. 2,691,039, Cl. 260—488.
 Linsk, Jack, to Standard Oil Co. 2,681,903, Cl. 260—94.8.
 Linton, Bert F., Visalia, Calif. Hoof trimming apparatus for cattle chutes. 2,672,126, Mar. 16.
 Linton, Merwyn B. 2,698,113, Cl. 222—83.
 Lints, Ronald V.: *See—*
 Ness, Irving S., and Lints. 2,697,678.
 Linzmayer, Frank L. 2,680,442, Cl. 128—264.
 Lion, Kurt S. 2,692,948, Cl. 250—65.
 Lion, Kurt S., and J. W. Sheetz, 3rd. 2,696,566, Cl. 307—52.
 Lion, Kurt S., and J. W. Sheetz, 3rd. 2,696,584, Cl. 321—38.
 Lion Oil Co.: *See—*
 Franz, Raymond A. 2,681,930.
 Russell, Nelson B. 2,678,871.
 Lionel Corp., The: *See—*
 Bonanno, Joseph L. 2,676,425.
 Bonanno, Joseph L. 2,679,600.
 Bonanno, Joseph L. 2,688,819.
 Bonanno, Joseph L., and Gash.
 Camuso, Romualdo. 2,690,031.
 Mace, Norman G. 2,683,954.
 Pettit, Frank. 2,690,551.
 Zion, Moses. 2,682,650.
 Lip S. A. d'Horlogerie: *See—*
 Dargier de Saint Vaulry, Paul. 2,685,655.
 Lipe-Rollway Corp.: *See—*
 Harney, Bernard C. 2,681,498.
 Root, Robert S. 2,682,943.
 Spase, Charles B., and Moore. 2,678,031.
 Lipic, Sylvester G., F. F. Boyle, and L. S. Lyon, to Ritepoint, Inc. 2,680,962, Cl. 67—7.1.
 Lipkau, Maximiliano A., Barcelona, Spain. Rotary compressor. 2,673,027, Mar. 23.
 Lipkin, Harry J., and R. Grambsch, assignors to the United States of America as represented by the Secretary of War. 2,679,043, Cl. 343—101.
 Lipkin, Moses R., and H. E. Reif, assignors to Sun Oil Company. 2,680,716, Cl. 252—33.
 Lipman, Burton J. 2,686,965, Cl. 30—29.5.
 Lipman, Wilfred E. 2,676,383, Cl. 27—16.
 Lippel, Bernard: *See—*
 Brenner, Millard M., Appleton, Lippel, and Hamsher. 2,685,054.
 Lippel, Bernard, and J. A. Buegler, assignors to the United States of America as represented by the Secretary of the Army. 2,679,644, Cl. 340—354.
 Lippel, Bernard, and J. A. Buegler, to the United States of America as represented by the Secretary of the Army. 2,685,084, Cl. 340—347.
 Lippert, Erhard M., assignor to Victor Adding Machine Co., Chicago, Ill. Ribbon feeding mechanism. 2,665,079, Jan. 5.
 Lippincott, Samuel B.: *See—*
 Mikeska, Louis A., Lippincott, and Popkin. 2,677,662.
 Lippincott, Samuel B., and H. L. Yowell, to Standard Oil Development Co. 2,695,326, Cl. 260—683.15.
 Lippincott, Winfield H. 2,694,209, Cl. 9—21.
 Lippisch, Alexander M., to Collins Radio Co. 2,693,325, Cl. 244—87.
 Lippisch, Alexander M., to Collins Radio Co. 2,696,953, Cl. 244—15.
 Lippitt, Stephen W., Lakewood, assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Means for registering printing plates. 2,668,363, Feb. 9.
 Lippmann, Heinz I.: *See—*
 Goldberg, Harold D. and M. I., and Lippmann.
 Lippmann, Martin S. 2,687,847, Cl. 232—43.3.
 Lipps, Eduard M. H., and H. van Zuielen, to Hartford National Bank and Trust Co., trustee. 2,689,641, Cl. 205—21.
 Lipschutz, Emanuel J. 2,681,451, Cl. 2—185.
 Lipsitz, Paul, to E. I. du Pont de Nemours and Co. 2,692,862, Cl. 252—107.
 Lipski, Edward G.: *See—*
 Reitz, Clifford L., Lipski, and Young.
 Lipson, Benjamin, to Girard Paint & Varnish Mfg. Co. 2,681,758, Cl. 226—86.
 Lipson, Menzie, and D. L. C. Jackson, to Commonwealth Scientific and Industrial Research Organization. 2,689,193, Cl. 117—62.
 Liptay, John M. 2,683,904, Cl. 20—40.
 Liquid Carbonic Corp., The: *See—*
 Kantor, James.
 Kantor, James E., and Small. 2,689,057.
 Rogers, Lawrence M., and Siver.
 Siver, Chester A. 2,675,016.
 Van Vliet, Paul D. 2,681,797.
 Liquidvision Gauge and Control Corp.: *See—*
 Morschel, Albert J. 2,684,797.
 Morschel, Albert J. 2,690,079.
 Liquidometer Corp., The: *See—*
 De Giers, Clarence A. 2,691,296.
 Lisciani, Constantine, to Protectoseal Co. 2,685,386, Cl. 222—189.
 Lisciani, Constantine, to Protectoseal Co. 2,685,984, Cl. 220—89.
 Lisciani, Constantine, to The Protectoseal Co. 2,691,464, Cl. 220—88.
 Lisenbee, Lloyd. 2,690,077, Cl. 73—201.
 Lisherness, Hillman A., North Anson, Maine, assignor, by mesne assignments, to Forster Mfg. Co., Inc. Clothespin making machine. 2,667,191, Jan. 26.
 Lisk, George F., Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Production of 1,6-naphthalenediol. 2,665,313, Jan. 5.
 Lisle, Russell B., Jr., to The Dow Chemical Co. 2,695,858, Cl. 167—38.6.
 Lison, Robert J., and J. L. Newport, assignors to Wilshire Power Sweeper Company. 2,678,462, Cl. 15—349.
 Lissaman, Reginald O. 2,681,699, Cl. 160—190.
 Lissant, Kenneth J., Kirkwood, Mo., assignor to Petrolite Corporation, Wilmington, Del. Resinous coated article and making same. 2,666,719, Jan. 19.
 Lissy, John. 2,684,094, Cl. 145—50.
 List, Enrique, assignor to ITEM Sociedad de Responsabilidad Limitada, Buenos Aires, Argentina. Electromagnetic oscillatory motor provided with a cutting-action core. 2,668,251, Feb. 2.

- Lister, Fred : *See*—
Zellner, Carl N., and Lister.
- Lister, Roseco C., assignor to J. M. Huber Corporation.
2,674,474, Cl. 286—27.
- Liston-Folb Instrument Co., Inc. : *See*—
Liston, Max D., 2,698,390.
- Liston, Marcia B. : *See*—
Bletcher, Ralph E., 2,684,082.
Bletcher, Ralph E., and Ward, 2,675,218.
Bletcher, Ralph E., and Ward, 2,687,917.
- Liston, Max D., 2,681,415, Cl. 250—43.5.
- Liston, Max D., to Liston-Folb Instrument Co., Inc.
2,698,390, Cl. 250—43.5.
- Litalien, Lawrence J., and J. Duthaveck, to Dotalite Co.
2,683,332, Cl. 49—68.
- Litchfield, Mason R., Levelland, Tex. Calibrated calipers.
2,668,359, Feb. 9.
- Litchford, George B., assignor to The Sperry Corporation.
2,677,766, Cl. 250—33.63.
- Litchford, George B., to The Sperry Corp. 2,695,405, Cl.
343—106.
- Litchford, George B., and J. Lyman, to The Sperry Corp.
2,689,953, Cl. 343—6.
- Lith-I-Bar Co. : *See*—
Milewski, Richard D., 2,696,310.
- Litkenhous, Edward E. : *See*—
Muiza, Andrejs, 2,682,110.
- Litkenhous, Edward E., 2,684,495, Cl. 15—49.
- Litman, Harry, assignee : *See*—
Gilowitz, Benjamin.
- Litman, Karol K., to National Lead Co. 2,692,856, Cl.
252—8.5.
- Littell, F. J., Machine Company, assignee : *See*—
Wiig, Chester M., 2,675,190.
Wiig, Chester M., 2,678,175.
- Little, Arthur D., Inc., assignee : *See*—
Collins, Samuel C., 2,680,357.
McMahon, Howard O., 2,680,352.
- Little, Donald G., and D. R. Tashjian, to Westinghouse
Electric Corp. 2,697,171, Cl. 250—36.
- Little, Ernest L., Jr., assignor to E. I. du Pont de
Nemours and Company, 2,680,717, Cl. 252—33.6.
- Little, Harry C., San Rafael, Calif. Process and apparatus
for controlling heat and combustion in pot-type hydro-
carbon fuel burners. 2,673,605, Mar. 30.
- Little, John B., and G. K. Teal, to Bell Telephone Labora-
tories, Inc. 2,683,676, Cl. 148—1.5.
- Little, John D., to The Harshaw Chemical Co. 2,683,114,
Cl. 204—45.
- Little, John L., 2,697,765, Cl. 200—122.
- Little, John W., Birmingham, Ala., assignor to Goslin-
Birmingham Manufacturing Company, Inc. Adjust-
able filter scraper blade. 2,669,360, Feb. 16.
- Little, Lonnie A., Elizabethton, and T. L. Williams,
Watauga, Tenn., assignors to North American Rayon
Corporation, New York, N. Y. Cake expander.
2,668,678, Feb. 9.
- Little, Ralph V., Jr., to Radio Corp. of America. 2,697,758,
Cl. 179—171.
- Little, Robert J. : *See*—
Willing, Joseph E., and Little, 2,678,410.
- Little, Robert J., to General Railway Signal Co. 2,682,586,
Cl. 200—104.
- Littlefield, Thurland C., 2,681,639, Cl. 119—57.
- Littleton, William M., 2,684,650, Cl. 112—158.
- Littman, Arthur A., 2,674,735, Cl. 1—4.
- Litton, Charles V., Redwood City, Calif. Magnetron with
valence electrode. 2,667,580, Jan. 26.
- Litton, Charles V., 2,677,787, Cl. 315—55.
- Litton Industries Inc., assignee : *See*—
Crapuchettes, Paul W.
- Littrell, Anita, 2,685,638, Cl. 240—6.4.
- Lituchy, Noel J., New York, N. Y. Electric light flasher.
2,667,550, Jan. 26.
- Litwin, Harry : *See*—
Koch, Fred C., and Litwin, 2,678,200.
- Livak, John E., to Deering Milliken Research Trust.
2,683,644, Cl. 8—34.
- Livak, John E., and L. Hagan, to Deering Milliken
Research Trust. 2,690,953, Cl. 8—56.
- Livengood, James C. : *See*—
Taylor, Charles F., Livengood, and Wallour.
2,680,431.
- Livermon, Carl R., 2,689,733, Cl. 273—105.4.
- Livermont, Frank W., 2,686,446, Cl. 81—52.5.
- Livermont, Frank W., to Richmond, Inc. 2,687,642, Cl.
73—141.
- Livermont, Frank W., H. E. Collins, and W. F. Gresham,
to Tubing Seal Cap, Inc. 2,688,181, Cl. 29—190.
- Livermont, Frank W., H. E. Collins, and W. F. Gresham,
to Tubing Seal Cap, Inc. 2,688,297, Cl. 113—51.
- Livermore, H. F., Corp. : *See*—
Dodge, Sherwood O., 2,694,416.
Urquhart, Lloyd G., 2,676,620.
- Livers, Carlos B., assignor to Bendix Aviation Corporation.
2,675,829, Cl. 137—614.
- Livers, Carlos B., to Bendix Aviation Corp. 2,691,388, Cl.
137—505.
- Liversidge, Joseph H. : *See*—
Simmons, James D., Liversidge, and Wrathall.
- Livezey, William G. : *See*—
Storer, John E., Jr., and Livezey, 2,689,488.
Storer, John E., Jr., Livezey, and Richards.
2,689,489.
- Livingston Construction Company Limited, The, assignee :
See—
Livingston, William D., and King, 2,679,384.
Livingston, Jay K., 2,695,811, Cl. 239—18.
- Livingston, Robert L. : *See*—
Bannister, Bryant, and Livingston, 2,685,216.
- Livingston Tool Co. : *See*—
Harnes, Oren B., 2,696,065.
- Livingston, William D., and R. F. King, assignors to The
Livingston Construction Company Limited. 2,679,384,
Cl. 259—1.
- Livingstone Engineering Company, assignee : *See*—
Livingstone, Stanley.
- Livingstone, Jay G., 2,690,281, Cl. 222—542.
- Livingstone, Stanley, Chattanooga, Tenn., assignor to
Livingstone Engineering Company, Worcester, Mass.
Vaporizable liquid electrode boiler. 2,668,225, Feb. 2.
- Livoti, Joseph T., 2,688,969, Cl. 128—305.
- Lizer, Frank E. : *See*—
Cramer, William J., Jr., Horn, and Lizer, 2,684,586.
- Ljungberg, Klas W., to Svenska Turbinfabriks Aktie-
bolaget Ljungstrom. 2,687,279, Cl. 253—79.
- Ljungberg, Ture A., 2,684,534, Cl. 33—138.
- Ljungdahl, Staffan : *See*—
Hagelin, Boris C. W., and Ljungdahl, 2,681,253.
Hagelin, Boris C. W., and Ljungdahl, 2,695,662.
- Ljungdell, Erik R., and K. G. E. Krantz, to AB Svenska
Flaktfabriken, and AB Bofors, 2,696,910, Cl. 209—139.
- Ljungström, Erik, Lidingsö, Sweden. Making flint rods.
2,671,948, Mar. 16.
- Ljungström, Fredrik, Fiskebackskil, Sweden. Rotary air
preheater with cooling means. 2,673,718, Mar. 30.
- Llanusa, Avelino F., Manzanillo, Cuba. Combined hoist-
ing and weighing device. 2,667,275, Jan. 26.
- Llewellyn, Walter E., and J. F. Lontz, to E. I. du Pont
de Nemours & Co. 2,685,707, Cl. 18—55.
- Llongueras Torras, Miguel, Barcelona, Spain. Automati-
cally working electromechanical apparatus for the re-
duction of vertebral luxations and subluxations.
2,665,684, Jan. 12.
- Lloyd, Arthur H., and D. R. Smith, to Alfred Hebert Ltd.
2,683,607, Cl. 279—59.
- Lloyd, Aubrey H., 2,680,910, Cl. 33—87.
- Lloyd Brothers, Inc. : *See*—
Klotz, Lyell J., and Vaughan, 2,686,145.
- Lloyd, Patrick D., 2,684,721, Cl. 170—160.13.
- Lloyd, Peter, to Power Jets (Research and Development)
Ltd. 2,692,479, Cl. 60—39.65.
- Lloyd, Peter, Farnham, W. F. Shilling, Woking, J. Brown,
Highfields, and R. A. Boulter, Great Yarmouth, as-
signors to Power Jets (Research and Development)
Limited, London, England. Cooled flame tube.
2,664,702, Jan. 5.
- Lloyd, Russell G., to The Babcock & Wilcox Co. 2,697,420,
Cl. 122—4.
- Lloyd, Tom C., and S. S. L. Chang, to Robbins & Myers, Inc.
2,695,369, Cl. 310—87.
- Lo, Arthur W., to Radio Corp. of America. 2,696,347,
Cl. 235—61.
- Lo, Chien-Pen : *See*—
Craig, W. E., and Lo, 2,680,745.
Craig, W. E., Lo, and Shropshire, 2,696,496.
- Lo, Yuen Tze, to Channel Master Corp. 2,691,730, Cl.
250—33.57.
- Löbbecke, Armin : *See*—
Löbbecke, Wilhelm, 2,696,374.
- Löbbecke, Wilhelm, to Gewerkschaft Eisenhütte. 2,691,514,
Cl. 262—32.
- Löbbecke, Wilhelm, deceased, by A. Löbbecke, administrator,
to Gewerkschaft Eisenhütte Westphalia, (Lunen).
2,696,374, Cl. 262—8.
- Lobbenberg, Hans, assignor of part interest to Trubenised
(Great Britain) Limited, London, England. Corset.
2,669,718, Feb. 23.
- Lobdell, Edward M., Wood River, and J. W. Wright, Al-
ton, Ill., assignors to Owens-Illinois Glass Company.
Copper ruby glass. 2,672,423, Mar. 16.
- Lobelle, Marcel J. O., Slough, assignor to M. L. Aviation
Company, Limited, Buckinghamshire, England. Safety
device for aircraft seat ejectors. 2,665,088, Jan. 5.
- Lobelle, Marcel J. O., to M. L. Aviation Co. Ltd. 2,693,326,
Cl. 244—122.
- Lober, Friedrich, O. Bayer, M. Bogemann, and P. Schneider,
to Farbenfabriken Bayer Aktiengesellschaft. 2,695,898,
Cl. 260—30.8.
- Lober, Konrad, 2,676,733, Cl. 222—202.
- Löbl, Arnold, Vienna, Austria. Closure construction for
wall openings. 2,665,782, Jan. 12.
- Löblein, Friedrich : *See*—
Müller, Erwin, Petersen, and Löblein, 2,683,696.
- Lobos, Zbigniew J., to Stop-Fire, Inc. 2,694,094, Cl.
260—658.
- Locey, Harry E. : *See*—
Wallerius, John, and Locey, 2,683,595.
Wallerius, John, and Locey, 2,684,769.
- Lochead, Harold N., Ottawa, Ontario, Canada. Egg holder.
2,665,571, Jan. 12.
- Locher, Hans, assignor to Zellweger A. G., Apparate und
Maschinenfabriken Uster. 2,679,639, Cl. 340—213.
- Lochridge, Edwin H. : *See*—
Noyes, Stanley E., and Lochridge, 2,678,280.
- Lo Cicero, Joseph C., and C. L. Levesque, to Rohm & Haas
Co. 2,686,200, Cl. 260—475.

- Lock, Douglas S., J. L. MacDonald, F. D. Sawyer, and R. H. Witt, to Ford Motor Co. 2,691,861, Cl. 56—33.
- Lock, James S., and D. J. Noggle, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control apparatus for steam heating systems. 2,666,586, Jan. 19.
- Lock, Tom: *See—*
Benham, Cedric M., and Lock. 2,688,123.
- Lockair Pty. Ltd.: *See—*
Pegler, Joseph L. 2,689,352.
- Locke, John P., assignor to Bemis Bro. Bag Company. 2,677,508, Cl. 242—66.
- Locke, Peter, Jr., assignee: *See—*
Woeckner, Harry. 2,680,617.
- Locke Steel Chain Company, The, assignee: *See—*
Stegeman, Henry J. 2,676,032.
Stegeman, Henry J. 2,677,224.
- Lockett, Walter E., Timmins, Ontario, Canada. Rung lock. 2,666,966, Jan. 26.
- Lockhart, Haines B., assignor to Swift & Company, Chicago, Ill. Milk substitute (mineral-enriched meat). 2,673,803, Mar. 30.
- Lockhart, Harold A., Des Plaines, assignor to Bell & Gossett Company, Morton Grove, Ill. Centrifugal pump. 2,665,640, Jan. 12.
- Lockhart, Marshall L., assignor to The Compule Corporation, Rutherford, N. J. Plural-compartment admixing container or vial. 2,665,690, Jan. 12.
- Lockhart, Marshall L., to The Compule Corp. 2,688,325, Cl. 128—218.
- Lockhart, Marshall L., to The Compule Corp. 2,689,566, Cl. 128—233.
- Lockhart, Marshall L., to The Compule Corp. 2,693,183, Cl. 128—216.
- Lockhart, Marshall L., to The Compule Corp. 2,693,184, Cl. 128—218.
- Lockhart, Marshall L., to The Compule Corp. 2,693,185, Cl. 128—218.
- Lockhart, Marshall L., to The Compule Corp. 2,695,614, Cl. 128—272.
- Lockhart, Merton C., and G. H. Michel, assignors to American Cyanamid Company. 2,677,644, Cl. 167—81.
- Lockhart, Nathan J. 2,679,933, Cl. 209—139.
- Lockhart, Robert K., to Radio Corp. of America. 2,682,012, Cl. 315—24.
- Lockhart, Russell C., assignor to George S. Bailey Hat Co., Inc. 2,677,827, Cl. 2—175.
- Lockheed Aircraft Corp.: *See—*
Adams, Harold F., and Connolly. 2,683,002.
Brenneman, Robert W., and E. and R. S. Jacobsen. 2,685,936.
Dahm, Thomas M., and George. 2,686,244.
Frost, Eugene C. 2,683,005.
Good, Frederick A., Jr., and Hackney. 2,688,761.
Harness, Wayne E., and Hruby, Jr. 2,688,847.
Hawkins, Willis M., Jr. 2,690,888.
Hoffman, Frederick C.
Johnson, Clarence L. 2,674,420.
Matlock, Robert W., and Phelps. 2,694,924.
Peabody, George W., and Mitchell. 2,693,637.
Perry, Donald O. 2,677,515.
Price, Nathan C.
Rawlins, Robert E. 2,678,426.
Sanderson, Glen E. 2,677,270.
Sandorff, Paul E. 2,688,772.
Smith, Bruce W. 2,693,737.
Smith, Francis A. 2,678,180.
Snyder, Eugene H. 2,696,451.
- Lockie, Arthur M.: *See—*
Leonard, Merrill G., and Lockie. 2,686,242.
- Lock Joint Pipe Co.: *See—*
Kennison, Hugh F. 2,698,193.
Longley, James E. 2,684,859.
Seaman, Francis E. 2,686,951.
Seaman, Francis E. 2,687,331.
- Locks, Fred: *See—*
Rothbaum, Joseph. 2,688,809.
- Lockwood, Harry A. 2,678,376, Cl. 219—39.
- Lockwood, Joseph F.: *See—*
Ball, John S., Lockwood, and Watts. 2,689,688.
- Lockwood, Louis H., to Armstrong Cork Co. 2,692,164, Cl. 299—58.
- Lockwood, Louis H., Rohrerstown, and H. M. Yohn, assignors to Armstrong Cork Company, Lancaster, Pa. Automatic splitting machine. 2,670,771, Mar. 2.
- Lockwood, Thorval J. 2,676,556, Cl. 112—11.
- Lockyer, Thomas N., Jr. 2,696,586, Cl. 323—7.
- Locquin, Marcel V., to Societe Anonyme de Vente des Instruments de Geodesie Henri Wild. 2,687,670, Cl. 88—39.
- Lodahl, Nels. 2,680,434, Cl. 124—18.
- Lode, Tenny, to General Sonics Corp. 2,684,475, Cl. 340—213.
- Lode, Tenny, to General Sonics Corp. 2,695,994, Cl. 340—213.
- Lodes, Frederick G., assignee: *See—*
Abplanalp, Robert H. 2,678,147.
- Lodestar Corporation, The, assignee: *See—*
Tripodi, Anthony J.
- Lodge, Edmund G. 2,695,519, Cl. 73—144.
- Lodge, James R., to Minnesota Mining & Mfg. Co. 2,695,851, Cl. 117—27.
- Lodge, Joseph E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Clamp for connecting filamentary articles to moving traction elements. 2,668,337, Feb. 9.
- Lödige, Fritz: *See—*
Lödige, Wilhelm and F. 2,679,385.
Lödige, Wilhelm and F. 2,679,385, Cl. 259—9.
- Loe, Gerald M., to Zenith Radio Corp. 2,681,383, Cl. 178—77.
- Loeb, Joseph K. and L. N. 2,688,431, Cl. 229—16.
- Loeb, Leon N.: *See—*
Loeb, Joseph K. and L. N. 2,688,431.
Loeb, Morris. 2,678,833, Cl. 281—15.
- Loebel, Frederick A., Milwaukee, Wis., assignor to Cleaver-Brooks Company. Centrifugal separator. 2,666,499, Jan. 19.
- Loeck, Günther F. E., to W. & L. E. Gurley. 2,683,397, Cl. 88—57.
- Loeffler, John E., to Thornhill-Craver Co., Inc. 2,684,861, Cl. 285—180.
- Loepsinger, Albert J., to Grinnell Corp. 2,697,553, Cl. 236—44.
- Loerinc, Barney. 2,685,963, Cl. 206—45.14.
- Loesche, Ernst-Guenther. 2,684,813, Cl. 241—58.
- Loescher, Friedrich A., assignor to G. L. Hirsch, née Loescher. 2,678,430, Cl. 340—72.
- Loescher, Gertrude L. (Hirsch), assignee: *See—*
Loescher, Friedrich A. 2,678,430.
- Loeser, Christopher E.: *See—*
Lathrop, Carl M., and Loeser. 2,685,685.
- Loew, Theodore: *See—*
Liebowitz, Benjamin, and Loew. 2,681,020.
- Loew, Theodore, to Cee-Bee Mfg. Co., Inc. 2,685,908, Cl. 154—1.8.
- Loewenstein, Jacob. 2,675,895, Cl. 189—1.
- Loewenstein, Max, to Loma Machine Mfg. Co. Inc. 2,696,646, Cl. 22—57.2.
- Loew's Inc.: *See—*
Dupy, Olin L. V., and Duval. 2,687,668.
Pipper, Arnold L., and Stemsborn.
- Loewy Engineering Co. Ltd. The: *See—*
Langen, Mathias. 2,686,443.
Wutscher, Theodor F. 2,693,919.
- Loewy, Erwin, assignee: *See—*
Wood, Frank J.
- Löff, George O. G., assignor to University of Colorado. 2,680,565, Cl. 237—1.
- Löffler, Willy, to G. Bühler. 2,687,235, Cl. 222—58.
- Lofland, William J., Detroit, Mich. Helicopter rotor-control structure. 2,671,517, Mar. 9.
- Lofquist, Albert P., Jr., assignor to Technicolor Motion Picture Corporation. 2,679,800, Cl. 101—130.
- Lofqvist, Bengt E. R., to Sandvikens Jernverks Aktiebolag. 2,685,462, Cl. 285—196.
- Loft, Arne: *See—*
Fulton, John W., and Loft. 2,697,025.
- Loft, Arne, to General Electric Co. 2,681,694, Cl. 158—36.3.
- Loft, Arne, to General Electric Co. 2,687,173, Cl. 161—1.
- Loft Candy Corp.: *See—*
Goldstein, Sam. 2,686,722.
- Lofthouse, Eric, to Imperial Chemical Industries Ltd. 2,687,995, Cl. 204—94.
- Lofton, Edgar K., assignor to The Dayton Rubber Company. 2,675,592, Cl. 24—33.
- Loftus Engineering Corp.: *See—*
Loftus, Fred H., and Troglione. 2,676,011.
Troglione, Vincent R. 2,697,596.
- Loftus, Fred H., and V. R. Troglione, assignors to Loftus Engineering Corporation. 2,676,011, Cl. 266—38.
- Lofving, Iver E.: *See—*
Christianson, Martin E., Lofving, and Fanelli. 2,686,973.
- Logan Co., The, assignee: *See—*
Lee, Vernon L. 2,675,863.
- Logan, Frank G., to Vickers Inc. 2,683,853, Cl. 321—25.
- Logan, Frank G., to Vickers Inc. 2,689,328, Cl. 323—7.
- Logan, Frank G., and P. H. Trickey, to Vickers Inc. 2,688,879, Cl. 74—191.
- Logan, John A.: *See—*
Lackner, Robert V., Logan, and Winkle. 2,676,234.
- Logan, Joseph A.: *See—*
Bills, Philip H., Logan, and Mesh. 2,681,695.
- Logan, Joseph A., to Gilbert & Barker Mfg. Co. 2,681,693, Cl. 158—28.
- Logan, Joseph A., Hadley, and J. A. MacDonnell, Longmeadow, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Control apparatus for auxiliary draft fluid-fuel-fired heating apparatus. 2,671,503, Mar. 9.
- Logan, Joseph A., and G. D. Robinson, assignors to Gilbert & Barker Manufacturing Company. 2,677,417, Cl. 158—36.3.
- Logan, Ned R.: *See—*
Dickas, Frederick D., and Logan.
- Logan, Roger L., Elkins Park, assignor to Kessler Chemical Co., Inc., Philadelphia, Pa. Alcoholysis of lower fatty acid groups in polyhydroxy fatty esters. 2,669,572, Feb. 16.
- Logan, Roger L., to Kessler Chemical Co., Inc. 2,688,031, Cl. 260—406.
- Logan, William W., assignor to Thomas A. Edison, Incorporated. 2,677,018, Cl. 179—100.1.

- Logan, William W., to Thomas A. Edison, Inc. 2,690,480, Cl. 179—100.1.
- Logansport Machine Company, Inc., assignee: *See*—Becker, Robert E.
- Loge, Frank C. 2,691,808, Cl. 27—35.
- Logeman, Frederick C., to The Cincinnati Milling Machine Co. 2,681,533, Cl. 51—236.
- Logemann, Warren F.: *See*—Brown, Walter V., and Logemann.
- Logue, Wilson J., Anthony, Kans. Grease gun. 2,670,877, Mar. 2.
- Lohberg, Karl, to Metallgesellschaft Aktiengesellschaft. 2,683,085, Cl. 75—63.
- Löhe, Konrad: *See*—Seidenfaden, Wilhelm, and Löhe.
- Lohman, Robert R., and O. R. Brenner, to The Liebel-Flarsheim Co. 2,689,916, Cl. 250—63.
- Lohmann, Carl H. 2,674,072, Cl. 51—211.
- Lohner, Carl L.: *See*—Goesser, Paul A., and Lohner. 2,697,664.
- Lohr, David R.: *See*—Thriff, Griffin C., and Lohr. 2,681,219.
- Lohr, George A. 2,687,072, Cl. 95—45.
- Lohr, James M., to Driver-Harris Co. 2,687,954, Cl. 75—124.
- Lohr, James M., to Driver-Harris Co. 2,687,956, Cl. 75—171.
- Lohr, Raymond J., R. N. Carver, and J. J. Dobkowski, to Louis Marx & Co., Inc. 2,697,300, Cl. 46—111.
- Lohre, Ralph G., and J. L. Pitzer, assignors to Extraction, Inc. 2,676,633, Cl. 146—49.
- Lohre, Ralph G., and J. L. Pitzer, to Extraction, Inc. 2,682,832, Cl. 100—121.
- Lohrey, Edward H.: *See*—Kewley, Norman E., and Lohrey. 2,694,792.
- Lohrman, William V.: *See*—Silver, Walter H., and Lohrman. 2,685,241.
- Silver, Walter H., and Lohrman. 2,686,465.
- Silver, Walter H., and Lohrman. 2,697,973.
- Lokken, Clark L., Jamestown, N. Dak. One-way disk tiller hitch. 2,669,172, Feb. 16.
- Lolli, August L., to Armour and Co. 2,689,203, Cl. 195—63.
- Loma Machine Mfg. Co., Inc.: *See*—Loewenstein, Max. 2,696,646.
- Lomakin, Joseph T.: *See*—Hayes, Selden C., and Lomakin. 2,694,001.
- Loman, George T., to Bell Telephone Laboratories, Inc. 2,694,050, Cl. 252—490.
- Lomartire, John, assignor to Celanese Corporation of America. 2,680,136, Cl. 260—575.
- Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Digit-absorbing repeater. 2,665,338, Jan. 5.
- Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,672,513, Mar. 16.
- Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone coin collection system. 2,673,243, Mar. 23.
- Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Community automatic exchange network. 2,673,244, Mar. 23.
- Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc. 2,678,969, Cl. 179—27.
- Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc. 2,680,780, Cl. 179—17.
- Lomax, Clarence E., and R. H. Herrick, to Automatic Electric Laboratories, Inc. 2,684,406, Cl. 179—18.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. 2,697,133, Cl. 179—71.
- Lomazzo, Edmund J., and L. E. Maquat, assignors, by mesne assignments, to Lico Manufacturing Co., Inc. 2,678,100, Cl. 164—69.
- Lomazzo, Edmund J., and L. E. Maquat, to Lico Mfg. Co., Inc. 2,682,924, Cl. 164—69.
- Lombard, Adrian A., assignor to Rolls-Royce Limited. 2,674,843, Cl. 60—35.6.
- Lombard, Adrian A., and E. R. Brealey, to Rolls-Royce Ltd. 2,682,363, Cl. 230—47.
- Lombard, José S., New York, N. Y. Tobacco humidior. 2,671,707, Mar. 9.
- Lombardi, Leo. 2,686,507, Cl. 123—75.
- Lombardi, Vincent. 2,687,631, Cl. 66—176.
- Lombardi, William A. 2,693,611, Cl. 15—104.09.
- London, Herbert I.: *See*—London, Morton A. and H. I.
- London, Morton A. and H. I., Philadelphia, Pa. Window curtain. 2,668,587, Feb. 9.
- Loneragan, Edward C.: *See*—Clougherty, John E., and Loneragan. 2,675,270.
- Lone Star Vender Corp., assignee: *See*—James, Frazier N. 2,680,050.
- James, Frazier N. 2,680,051.
- Long, Anthony J. 2,689,049, Cl. 211—92.
- Long, Arthur H., to Wm. K. Stamets Co. 2,681,106, Cl. 164—60.
- Long, Arthur R., to Hart-Carter Co. 2,688,298, Cl. 115—17.
- Long-Bell Lumber Co., The: *See*—Clark, James d'A., and Mottet. 2,689,092.
- Long, Charles J., Hornell, N. Y. Lawn sprinkler. 2,670,992, Mar. 2.
- Long, E., Limited, assignee: *See*—Lancaster, Arthur W., and Patmore. 2,674,074.
- Long, Frank. 2,674,795, Cl. 30—216.
- Long, George B., to General Motors Corp. 2,688,806, Cl. 34—75.
- Long, Harold J.: *See*—Selent, Adolf, and Long. 2,676,017.
- Long, Harry C., Portland, Oreg. Combination oil inlet and igniter for vaporizing oil burners. 2,673,606, Mar. 30.
- Long, Harry J., assignor to Swift & Company, Chicago, Ill. Scalding poultry. 2,667,661, Feb. 2.
- Long, Joel B., $\frac{1}{2}$ to L. Slovis. 2,683,618, Cl. 294—65.5.
- Long, John C. 2,675,171, Cl. 229—92.9.
- Long, John E. 2,681,429, Cl. 315—283.
- Long, John R., Hickory, N. C. Time limit selector switch. 2,670,412, Feb. 23.
- Long, Justin T.: *See*—Sweeney, Orland R., Arnold, and Long.
- Long, Loren M., to Parke, Davis & Co. 2,687,434, Cl. 260—562.
- Long, Loren M., and G. W. Moersch, to Parke, Davis & Co. 2,681,364, Cl. 260—558.
- Long, Noyes C. 2,683,270, Cl. 9—11.
- Long, Ralph B., to American Viscose Corp. 2,690,047, Cl. 57—163.
- Long, Richard H.: *See*—Thomas, Thomas H., Price, and Long. 2,695,531.
- Long, Richard H., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission control and switch mechanism therefor. 2,671,352, Mar. 9.
- Long, Richard H., to Bendix Aviation Corp. 2,686,434, Cl. 74—472.
- Long, Robert B.: *See*—Fenske, Merrell R., and Long.
- Long, Robert J., and R. A. Van Nest. 2,677,474, Cl. 214—17.
- Long, Robert S.: *See*—Brody, Frederick, and Long. 2,695,298.
- Long, Robert S., Bound Brook, N. J., and N. P. Buckwalter, Philadelphia, Pa., assignors to American Cyanamid Company, New York, N. Y. Manufacture of p-alkoxy-salicylic acids. 2,669,580, Feb. 16.
- Long, Robert S., Bound Brook, and D. W. Hein, Somerville, N. J., assignors to American Cyanamid Company, New York, N. J. Acylation of aminosulfonic acids. 2,671,790, Mar. 9.
- Long, Robert S., and F. Brody, assignors to American Cyanamid Company. 2,679,499, Cl. 260—153.
- Long, Stanley E., and G. H. Lasley. 2,681,762, Cl. 232—35.
- Long, W. E., Company, The, assignee: *See*—Van Poolen, Edward. 2,675,953.
- Van Poolen, Edward, and Vogel.
- Long, W. E., Co., The: *See*—Vogel, Leo G. 2,689,321.
- Long, William C., Seaford, assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. False twisting of textile fibers. 2,673,442, Mar. 30.
- Long, William F.: *See*—Lander, Fred A. 2,692,795.
- Longacre, Andrew, to the United States of America as represented by the Secretary of War. 2,682,048, Cl. 343—17.1.
- Longacre, Henry C. M., to Sylvania Electric Products Inc. 2,691,457, Cl. 220—2.3.
- Longdon, John T.: *See*—Brink, Theodore R., Beaudry, and Longdon.
- Longenbach, Arthur F., Northampton, Pa. Jointer device, for plows. 2,672,805, Mar. 23.
- Longenecker, Charles I., to Chain Belt Co. 2,685,259, Cl. 103—227.
- Longnecker, Levi S. 2,681,642, Cl. 122—498.
- Longeval, Marcel E., and F. L. and C. Steiner. 2,694,453, Cl. 166—187.
- Longfellow, Melvin E., Manchester, and N. R. Richmond, Thompsonville, assignors to United Aircraft Corporation, East Hartford, Conn. Topping governor and reversing solenoid for variable pitch propellers. 2,664,960, Jan. 5.
- Longhorn Industries, Inc., assignee: *See*—Gardner, Almus H., and Pewthers.
- Longini, Richard L.: *See*—Mason, Ruric C., Coltman, Hunter, and Longini. 2,681,868.
- Longini, Richard L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Image intensifier tube. 2,666,864, Jan. 19.
- Longini, Richard L., to Westinghouse Electric Corp. 2,692,299, Cl. 178—6.8.
- Longley, James E., to Lock Joint Pipe Co. 2,684,859, Cl. 285—108.
- Longley, Raymond I., Jr.: *See*—Emerson, William S., Longley, and Shafer. 2,680,118.
- Morner, Richard R., and Longley.
- Morner, Richard R., and Longley. 2,676,949.
- Longley, Raymond I., Jr., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing unsaturated ethers. 2,667,517, Jan. 26.
- Longnecker, Verland. 2,674,749, Cl. 5—181.
- Lonstein, Irving, assignor to Rondout Metal Products Co., Inc. 2,676,027, Cl. 280—41.
- Longstreth, Murrey O., and D. W. Ryan, to The Dow Chemical Co. 2,695,420, Cl. 18—1.

- Longstreth, Murrey O., and D. W. Ryan, to The Dow Chemical Co. 2,697,248, Cl. 18—1.
- Longvall, Raymond C.: *See—*
Javery, Frank B., and Longvall. 2,682,378.
- Lont and Overkamp Publishing Co., Inc.: *See—*
Van Oudenaren, Peter. 2,697,602.
- Lontz, Dudley M. 2,691,448, Cl. 214—16.1.
- Lontz, John F.: *See—*
Llewellyn, Walter E., and Lontz. 2,685,707.
- Lonza Elektrizitaetswerke und Chemische Fabriken Aktiengesellschaft: *See—*
Zdanksy, Ewald A. 2,683,116.
- Loock, Gerald H., Blythe, Calif. Portable hole digger. 2,673,712, Mar. 30.
- Loomis, George P., to The B. F. Goodrich Co. 2,688,996, Cl. 154—14.
- Loomis, Wayland E., assignor to The American Hardware Corporation. 2,677,565, Cl. 292—278.
- Loonam, Alfred C., to Chilean Nitrate Sales Corp. 2,694,652, Cl. 117—107.
- Loonam, Alfred C., to Chilean Nitrate Sales Corp. 2,694,653, Cl. 117—107.
- Loonam, Alfred C., to Chilean Nitrate Sales Corp. 2,694,654, Cl. 117—107.
- Looper, James V., Bessemer City, N. C. Loom picker. 2,670,765, Mar. 2.
- Loos, Ernst. 2,679,289, Cl. 160—22.
- Loos, Pieter: *See—*
Mijnlieff, Ary J., van Rietschoten, and Loos.
- Loose, Georg W. 2,676,846, Cl. 299—140.
- Loose Leaf Metals Company, assignee: *See—*
Derringer, Pete O.
- Loosjes, Robert, to Hartford National Bank and Trust Co. 2,686,886, Cl. 313—107.
- López, Octavio C., assignor to The Singer Manufacturing Company. 2,674,213, Cl. 112—2.
- Lopez, Serafin G. 2,690,735, Cl. 120—7.5.
- Lorain Products Corp.: *See—*
Huge, Henry M. 2,693,540.
- Lorand, Eugene J., and J. E. Reese, to Hercules Powder Co. 2,687,438, Cl. 260—618.
- Lorand, Eugene J., and J. E. Reese, to Hercules Powder Co. 2,691,683, Cl. 260—610.
- Lorant, Hugo, New York, N. Y. Extrusion press. 2,672,234, Mar. 16.
- Lorant, Lionel, Long Island City, N. Y., assignor to Super Electric Products Corp., Jersey City, N. J. Manufacture and construction of electrical coils. 2,666,168, Jan. 12.
- Lorber, Abraham. 2,694,611, Cl. 311—35.
- Lord & Burnham, Division of Burnham Corp.: *See—*
Bowden, John W. 2,691,352.
Rodeck, Walter J. 2,695,752.
- Lord, Harold W., to General Electric Co. 2,693,508, Cl. 179—100.2.
- Lord, Harold W., to General Electric Co. 2,697,825, Cl. 340—253.
- Lord, Harry A. 2,682,057, Cl. 3—1.
- Lord Mfg. Co.: *See—*
Campbell, Bruce W. 2,683,015.
Campbell, Bruce W. 2,683,016.
Henshaw, Richard C. 2,690,891.
Kaemmerling, Gustav H. 2,675,202.
Wallerstein, Leon, Jr. 2,685,425.
- Lord, Wilfrid. 2,695,151, Cl. 248—116.
- Loredo Serra, Miguel A. 2,677,371, Cl. 128—203.
- Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Mfg. Corp., New York, N. Y. Venetian blind head bar organization and fittings. 2,670,038, Feb. 23.
- Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Mfg. Corp., New York, N. Y. Apparatus useful in assembling Venetian blind bars. 2,670,532, Mar. 2.
- Lorentzen, Hans K., assignor to Lorentzen Hardware Mfg. Corp. 2,674,432, Cl. 248—264.
- Lorentzen Hardware Mfg. Corp.: *See—*
Lorentzen, Hans K.
Lorentzen, Hans K. 2,674,432.
Nelson, Harry.
Nelson, Harry. 2,680,589.
Nelson, Harry. 2,689,545.
Nelson, Harry. 2,697,487.
- Lorenz, Albert J., Clifton, N. J., assignor to American Hard Rubber Company, New York, N. Y. Sliding door construction for refrigerated cabinets. 2,672,656, Mar. 23.
- Lorenz, Albert J., to American Hard Rubber Co. 2,691,187, Cl. 16—149.
- Lorenz, Anton. 2,683,481, Cl. 155—61.
- Lorenz, Edward H., and T. Waugh, to Emhart Mfg. Co. 2,681,161, Cl. 214—309.
- Lorenz, Hans. 2,678,540, Cl. 61—81.
- Lorenz, Hans. 2,682,750, Cl. 61—35.
- Lorenz, John. 2,695,850, Cl. 106—76.
- Lorenz, Roy H.: *See—*
Bond, Donald C., and Lorenz. 2,690,428.
- Lorenz, Roy H., Elmhurst, assignor to The Pure Oil Company, Chicago, Ill. Increasing production of oil wells. 2,672,201, Mar. 16.
- Lorenz, Rudolf, assignee: *See—*
Menning, Kurt J. 2,677,195.
- Lorenz, Walter: *See—*
Schrader, Gerhard, and Lorenz. 2,680,132.
- Lorenzini, Robert A.: *See—*
Blizard, John, Lorenzini, and Frisch. 2,675,888.
- Lores, Manuel. 2,691,372, Cl. 128—218.
- Lorig, Edwin T., Ross Township, Allegheny County, Pa., assignor to United States Steel Corporation. Apparatus for automatically centering moving endless belts. 2,665,592, Jan. 12.
- Lorig, Edwin T., Ross Township, Allegheny County, Pa., assignor to United States Steel Corporation. Apparatus for positioning strip. 2,668,054, Feb. 2.
- Lorig, Edwin T., to United States Steel Corp. 2,687,854, Cl. 242—78.
- Lorig, Edwin T., to United States Steel Corp. 2,688,333, Cl. 134—122.
- Lorig, Edwin T., to United States Steel Corp. 2,692,773, Cl. 271—2.6.
- Lorig, Edwin T., and H. S. Orr, Pittsburgh, Pa., assignors to United States Steel Corporation. Apparatus for automatically centering and aligning moving objects. 2,672,337, Mar. 16.
- Lorig, Edwin T., and A. Teplitz, to United States Steel Corp. 2,688,216, Cl. 51—135.
- Lorillard, P. Company, assignee: *See—*
Temple, Harold F. 2,680,522.
- Lorimer, Collins S., Urbana, Ohio. Apparatus and method for unloading lumber and the like. 2,665,019, Jan. 5.
- Lormor, Henry W., Shaker Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Battery burning rack. 2,664,842, Jan. 5.
- Loroco Industries Incorporated, assignee: *See—*
Tomarin, Harry A.
- Lorusso, Giuseppe, assignor to Lesa Costruzioni Elettromecaniche S. p. A. 2,674,131, Cl. 74—200.
- Losey, Thomas B.: *See—*
Taylor, Raymond G., Jr., and Losey. 2,693,974.
- Losey, Thomas B., assignor to The Guiberson Corporation, Dallas, Tex. Casing packer cup. 2,664,952, Jan. 5.
- Lothrop, Marcus: *See—*
Harris, Robert L., and Lothrop. 2,690,165.
- Lott, William A., Maplewood, N. J., assignor to Mathieson Chemical Corporation, New York, N. Y. Quaternary ammonium salts of basic derivatives of substituted cinnamic acids and producing same. 2,670,360, Feb. 23.
- Lott, William A., assignor to Mathieson Chemical Corporation. 2,677,697, Cl. 260—473.
- Lott, William A., and J. Krapcho, to Mathieson Chemical Corp. 2,688,025, Cl. 260—294.
- Lotter, Leo F.: *See—*
Johnston, Allen, and Lotter.
- Lotthammer, Eric K.: *See—*
Miller, Grace G., and Lotthammer. 2,691,184.
- Lotz, Ralph W., to The Apex Electrical Mfg. Co. 2,683,900, Cl. 18—56.
- Louckes, Frank I., Memphis, Tenn. Mechanism for manipulating flexible revetment mats. 2,669,479, Feb. 16.
- Louckes, Frank I. 2,674,856, Cl. 61—38.
- Loucks, Kenneth W.: *See—*
Hopkins, Edwin F., and Loucks. 2,674,537.
- Loucony, Adolphe W., to Conso Metal Products, Inc. 2,689,607, Cl. 160—177.
- Louden Machinery Co., The: *See—*
Heil, Charles W. 2,688,932.
Spafford, Ralph W. 2,688,933.
- Loudon, Florence F., Toronto, Ontario, Canada. Supporting means for curtains and the like. 2,672,194, Mar. 16.
- Loudon, Norman G. W., assignee: *See—*
Bell, Percy F.
- Loudon, Warren P., Tucson, Ariz., assignor to The National Cash Register Company, Dayton, Ohio. Means to punch a special code by locking data levers by transaction lever. 2,664,951, Jan. 5.
- Loudon, Warren P., Tucson, Ariz., assignor to The National Cash Register Company, Dayton, Ohio. Printing mechanism. 2,669,177, Feb. 16.
- Loughlin, Paul R., Westfield, P. M. Brister, Madison, and C. H. Woolley, Cranford, assignors to The Babcock & Wilcox Company, Rockleigh, N. J. Convection fluid heat exchange system. 2,672,850, Mar. 23.
- Loughlin, Bernard D., assignor to Hazeltine Research, Inc. 2,678,388, Cl. 250—27.
- Loughlin, Bernard D., assignor to Hazeltine Research, Inc. 2,678,389, Cl. 250—27.
- Loughlin, Bernard D., assignor to Hazeltine Research, Inc. 2,678,964, Cl. 178—7.5.
- Loughner, James W.: *See—*
McLaughlin, William, and Loughner. 2,688,385.
- Loughran, Gerard A., and E. O. Hook, assignors to American Cyanamid Company. 2,676,150, Cl. 252—47.
- Loughran, Gerard A., and E. O. Hook, assignors to American Cyanamid Company. 2,676,151, Cl. 252—47.
- Loughran, Gerard A., J. R. Dudley, and E. L. Kropa, assignors to American Cyanamid Company. 2,680,110, Cl. 260—78.5.
- Louis, Edward S. 2,678,864, Cl. 312—272.5.
- Louis, Gerard. 2,697,359, Cl. 74—193.
- Louisiana State University and Agricultural and Mechanical College, Board of Supervisors of: *See—*
Poole, Wiley D.
Poole, Wiley D. 2,691,261.
Stout, Evelyn E. 2,687,641.

- Loumlet et Lavigne, Jean. 2,676,651, Cl. 159—26.
 Lounsbury, Harvey J., assignor to W. H. Miner, Inc. 2,678,137, Cl. 213—24.
 Loutrel, Louis F., Jr.: See—
 Blake, Edward S., and Loutrel. 2,676,104.
 Lovasik, Peter A., to the United States of America as represented by the Secretary of the Navy. 2,683,907, Cl. 20—69.
 Love, Jabez A. 2,683,960, Cl. 55—83.
 Love, Jabez A. 2,688,283, Cl. 97—47,88.
 Love, Jabez A. 2,696,068, Cl. 55—130.
 Love, John. 2,676,415, Cl. 33—203,14.
 Love, John, to K. A. C. Ltd. 2,692,029, Cl. 188—97.
 Love, Phil P., assignor to Johnson Bronze Company. 2,679,438, Cl. 308—9.
 Loveday, Paul E., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. 2,677,938, Cl. 62—1.
 Lovegrove, Henry J., and M. G. McBride, Enfield, England, assignors to Sangamo Electric Company, Springfield, Ill. Moving coil electrical instrument. 2,673,959, Mar. 30.
 Lovejoy, Harry O., Jr. 2,691,707, Cl. 200—87.
 Lovejoy Products, Inc., assignee: See—
 Lovejoy, Tyler K.
 Lovejoy, Tyler K., assignor to Lovejoy Products, Inc., Hastings, Minn. Door check and closer. 2,665,447, Jan. 12.
 Lovekin, Louise G., Fairfield, Conn. Disposable diaper. 2,667,168, Jan. 26.
 Lovekin, Louise G. 2,696,819, Cl. 128—284.
 Lovelady, Isaac W., and S. P. Kroeker, assignors to Sivalis Tanks, Inc., Odessa, Tex. Gas and multiple liquid separator apparatus. 2,664,963, Jan. 5.
 Loveland, Malcolm W.: See—
 Birkland, Stellan, and Loveland. 2,684,803.
 Loveless, Donald L., assignor to Armco Steel Corporation. 2,680,070, Cl. 75—12.
 Lovell Chemical Co.: See—
 Lovell, Stanley P. 2,677,647.
 Lovell, Stanley P. 2,692,211.
 Lovell, Stanley P., and Bush. 2,677,646.
 Lovell Mfg. Co.: See—
 Kauffman, Walter L., II. 2,695,162.
 Smith, Ellwood H.
 Smith, Ellwood H. 2,690,905.
 Smith, Ellwood H. 2,694,867.
 Lovell, Stanley P., assignor to Lovell Chemical Company. 2,677,647, Cl. 195—139.
 Lovell, Stanley P., to Lovell Chemical Co. 2,692,211, Cl. 117—103.
 Lovell, Stanley P., and J. H. Bush, assignors to Lovell Chemical Company. 2,677,646, Cl. 195—139.
 Lovens kemiske Fabrik ved A. Kongsted: See—
 Frederiksen, Erling K., and Nielsen. 2,694,031.
 Frederiksen, Erling K., and Nielsen. 2,694,061.
 Frederiksen, Erling K., and Nielsen. 2,694,062.
 Frederiksen, Erling K., and Nielsen. 2,694,063.
 Loverde, Anthony, to Hooker Electrochemical Co. 2,695,873, Cl. 204—163.
 Lovern, John A., S. W. F. Hanson, H. H. Goodwin, and T. H. Wilson. 2,686,126, Cl. 99—111.
 Lovesey, Alfred C., to Rolls-Royce Ltd. 2,689,680, Cl. 230—114.
 Lovett, Gordon H.: See—
 Wenner, Ralph R., and Lovett. 2,684,979.
 Lovett, Richard R., Jr., Longport, N. J. Submersible automatic bilge pump. 2,669,934, Feb. 23.
 Lo Vico, Salvatore A., Astoria, N. Y. Cover having means for removably attaching same. 2,665,745, Jan. 12.
 Lovisek, Louis J., assignor, by mesne assignments, to General American Transportation Corporation. 2,676,344, Cl. 10—10.
 Low, Frank D., La Grange Park, Ill., assignor to General Electric Company. Liquid inlet and antiback-siphoning. 2,665,700, Jan. 12.
 Low, Frank S., Rowayton, Conn., and C. P. Roberts, South Charleston, W. Va., assignors to Food Machinery and Chemical Corporation, New York, N. Y. Oxidation and chlorine recovery process. 2,666,024, Jan. 12.
 Low, Robert N., Dundee, Scotland, and J. Catty, Flixecourt, France, assignors to Fairwest (U. K.) Limited, London, England. Circular loom. 2,671,472, Mar. 9.
 Lowber, Ernest E. 2,675,210, Cl. 254—88.
 Lowe, Arnold J., and D. Butler, to Oxirane Ltd. 2,697,104, Cl. 260—348.
 Lowe, Arthur J.: See—
 Taylor, James, Lowe, and Cooke. 2,677,605.
 Lowe, Charles E., Buffalo, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparation of high molecular weight polyhydroxyacetic ester. 2,668,162, Feb. 2.
 Lowe, Charles S., Richland, Wash., and H. E. Ricks, Pittsburgh, assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Electrolytic production of fluoroborates. 2,673,837, Mar. 30.
 Lowe, Edmund W., assignor to Purdue Research Foundation, Lafayette, Ind. Selective reduction of polynitro aromatics. 2,669,584, Feb. 16.
 Lowe, Frank W.: See—
 Poindexter, Franklin E., and Lowe. 2,697,068.
 Lowe, James F., Wayne Township, Du Page County, Ill. Pie and pie crush blank. 2,668,767, Feb. 9.
 Lowe, Joe, Corp.: See—
 Peyton, Norman I.
 Peyton, Norman I. 2,689,537.
 Lowe, Rudy P., Cranston, R. I., assignor to Proportioners, Inc. Apparatus for proportioning flows of different materials. 2,664,907, Jan. 5.
 Lowe, Rudy P., assignor to Proportioners, Inc. 2,677,466, Cl. 210—169.
 Lowe, Warren, Berkeley, assignor to California Research Corporation, San Francisco, Calif. Benzothiazyl sulfenamides in lubricants. 2,669,544, Feb. 16.
 Lowe, Warren, and J. O. Clayton, to California Research Corp. 2,690,999, Cl. 252—47.
 Lowe, Wesley G., and J. W. Gates, Jr., to Eastman Kodak Co. 2,691,582, Cl. 95—7.
 Lowe, William. 2,679,960, Cl. 224—5.
 Lowe, William B., to American Viscose Corp. 2,690,405, Cl. 117—102.
 Lowell Counter Company, assignee: See—
 Herlihy, William F.
 Lowell, Frederick D.: See—
 Nelki, Gunter. 2,687,089.
 Lowenheim, Frederick A., assignor to Metal & Thermit Corporation. 2,675,347, Cl. 204—43.
 Lowenstein, Louis E., Jr. 2,684,765, Cl. 211—43.
 Lowenstein, Werner M., now by change of name Warren M. Lowry. 2,691,436, Cl. 192—84.
 Lower, Frank K., Audubon, and T. R. Hatz, Jr., Westmont, assignors to Haloro, Inc., Camden, N. J. Spun glass roofing mop. 2,671,922, Mar. 16.
 Lower, Mary E., and C. C. Shockey. 2,680,909, Cl. 33—1.
 Lowinski, Walter J., to Cherry-Burrell Corp. 2,681,810, Cl. 280—41.
 Lowitzsch, Kurt, to North American Philips Co., Inc. 2,692,173, Cl. 311—6.
 Lowman, Malden C.: See—
 Johnson, Ava J., Liedholm, and Lowman. 2,694,037.
 Lowman, Roderic V., to Hazeltine Research, Inc. 2,691,073, Cl. 179—170.
 Lowry, Erwin F.: See—
 Mager, Eric L., and Lowry. 2,684,450.
 Lowry, Hubert E.: See—
 Rhodes, Donald D., and Lowry.
 Lowry, Warren M.: See—
 Lowenstein, Werner M. 2,691,436.
 Lowther, Franklin D.: See—
 Mathias, David C., and Lowther. 2,678,610.
 Lowther, Noel E., 50% to C. G. Emerling. 2,688,887, Cl. 74—812.
 Lowther, Oliver P., to The McMurdo Instrument Co. Ltd. 2,683,259, Cl. 339—193.
 Lowther, Wilfred W.: See—
 Lunn, Robert J., and Lowther. 2,689,068.
 Lowther, Wilfred W., to Donaldson Co., Inc. 2,694,465, Cl. 183—15.
 Lowy, Benno. 2,680,089, Cl. 167—95.
 Loy, Fred W.: See—
 Bitzer, Robert E., Manown, and Loy.
 Loy, Georg, to J. S. Staedtler. 2,682,476, Cl. 106—19.
 Lozier, John C., and D. C. Weller, assignors to Bell Telephone Laboratories, Incorporated. 2,678,959, Cl. 13—24.
 Lozowski, Francis J., 1/2 to L. J. Mazzatti. 2,696,598, Cl. 340—75.
 Lubatti, Eugenio. 2,681,275, Cl. 75—11.
 Lubbert, Carl B., to Western Electric Co., Inc. 2,681,668, Cl. 144—32.
 Lubberts, John J., and L. J. Mulder, to Ironrite, Inc. 2,688,528, Cl. 312—255.
 Lübeck, Carl H. O., Stockholm, Sweden. Inset plate for electrodes of alkaline accumulators. 2,672,496, Mar. 16.
 Luber-Finer Inc.: See—
 Russell, John K.
 Russell, John K. 2,690,802.
 Lubetkin, Jacques, New York, N. Y. Row forming device. 2,671,549, Mar. 9.
 Lubin, Emile: See—
 Colton, Roger B., Lubin, and Deschamps.
 Lubin, Samuel: See—
 Atkinson, John F., and Lubin. 2,685,684.
 Lubinski, Arthur, Tulsa, Okla. Wear of bit indicator. 2,669,871, Feb. 23.
 Lubinski, Arthur. 2,688,871, Cl. 73—151.5.
 Luboshez, Benjamin E., to Eastman Kodak Co. 2,694,226, Cl. 18—10.
 Lubrizol Corp., The: See—
 Asseff, Peter A., Mastin, and Rhodes. 2,695,910.
 Prupton, Carl F.
 Lucas, Alfred R., Galion, Ohio. Thermostatically controlled electric switch. 2,667,612, Jan. 26.
 Lucas, Andrew J., to Safety Devices, Inc. 2,685,077, Cl. 340—19.
 Lucas, Anton, Chicago, Ill. Ventilated stocking. 2,666,207, Jan. 19.
 Lucas, Benny M. 2,678,717, Cl. 198—73.
 Lucas, Joseph E., Seattle, Wash., assignor of one-tenth to W. E. Hann. Pump. 2,673,525, Mar. 30.

- Lucas, Joseph (Industries) Ltd. *See*—
 Collinson, Eric S. 2,690,213.
 Freeman, Frank G. 2,685,440.
 Fry, William L. 2,687,483.
 Harris, Thomas A.
 Harris, Thomas A. 2,678,004.
 Harris, Thomas A. 2,683,485.
 Harris, Thomas A. 2,691,961.
 Ifield, Richard J.
 Ifield, Richard J. 2,674,191.
 Ifield, Richard J. 2,678,057.
 Ifield, Richard J. 2,686,498.
 Ifield, Richard J. 2,687,291.
 Ifield, Richard J., and Righton.
 Lawrence, Owen N.
 Lawrence, Owen N. 2,678,533.
 Lawrence, Owen N. 2,683,349.
 Purden, Robert H. 2,687,519.
 Skorecki, Jan.
- Lucas, Philip: *See*—
 Cronheim, George E., and Lucas. 2,681,341.
- Lucas, Robert C. L. 2,690,668, Cl. 73—9.
- Lucci, Chester J., M. J. Lukas, and E. J. Tusina. 2,680,584, Cl. 244—155.
- Luce, Albert L., Jr. 2,686,435, Cl. 74—473.
- Luce, Hans, to H. Hommel G. m. b. H. 2,692,538, Cl. 90—11.62.
- Luce, Stewart B., assignor to Swift & Company. 2,677,672, Cl. 260—29.6.
- Luchsinger, Ernst. 2,690,658, Cl. 66—4.
- Lucht, Fred J., to Monsanto Chemical Co. 2,689,242, Cl. 260—92.8.
- Lucia, Carroll J., to Packard Motor Car Co. 2,693,260, Cl. 192—17.
- Lucien, René, Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. Wheel equipped with disk brake. 2,667,947, Feb. 2.
- Lucien, René, Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Fribourg, Switzerland. Hydraulic vibration damper. 2,672,955, Mar. 23.
- Lucien, René, and E. L. Müller, Paris, France, assignors to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. High-pressure hydraulic pump. 2,672,095, Mar. 16.
- Lucien, René, and E. Tetart, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. 2,691,804, Cl. 22—134.
- Lucier, Lawrence L., and H. E. Fraunfelter, to Valley Forging Co. 2,682,185, Cl. 78—18.
- Luck, David G. C., assignor to Radio Corporation of America. 2,677,119, Cl. 340—23.
- Luck, James B.: *See*—
 Pearce, William B., and Luck. 2,690,542.
- Lucas, Henry: *See*—
 Stengl, Joseph, and Lucas. 2,697,647.
- Lucker, Millard B., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Pushing or pulling jack. 2,670,174, Feb. 23.
- Lucker, Millard B., to Auto Specialties Mfg. Co. 2,695,768, Cl. 254—133.
- Luckey, Frank L. 2,676,012, Cl. 266—41.
- Luckhardt, Johannes, Berlin-Dahlem, Germany, assignor, by mesne assignments, to N. P. Martin and O. L. Walter, as trustees. Article of repose for supporting the body of a person. 2,672,918, Mar. 23.
- Luckhardt, Johannes, Berlin-Dahlem, Germany, assignor, by mesne assignments, to N. P. Martin and O. L. Walter as trustees. Article of repose for supporting the body of a person. 2,672,919, Mar. 23.
- Luckhardt, Johannes, assignor, by mesne assignments, to N. P. Martin and O. L. Walter, as trustees of Beta Trust. 2,679,284, Cl. 155—116.
- Luckhardt, Johannes, assignor, by mesne assignments, to N. P. Martin and O. L. Walter, as trustees of Beta Trust. 2,679,285, Cl. 155—116.
- Luckhardt, Johannes, assignor, by mesne assignments, to N. P. Martin and O. L. Walter, as trustees of Beta Trust. 2,679,286, Cl. 155—117.
- Luckie, John H., East Rochester, N. Y. Curtain assembly and power drive therefor. 2,668,586, Feb. 9.
- Luckring, Richard M.: *See*—
 Boyer, John R., and Luckring.
- Lucky, Carl E. L., Stanwood, Wash. Towing gear. 2,670,951, Mar. 2.
- Lucson Corporation, assignee: *See*—
 Rifle, William V.
- Ludema, Joe. 2,682,820, Cl. 97—47.42.
- Ludeman, Oscar H. 2,698,157, Cl. 251—14.
- Ludington, Ralph S., to Westinghouse Electric Corp. 2,689,843, Cl. 260—46.5.
- Ludlow, Edmund, Columbus, Ind., assignor to Arvin Industries, Inc., Columbus, Ohio. Automobile-body heater. 2,670,184, Feb. 23.
- Ludlow, Edmund, assignor to Arvin Industries, Inc., Columbus, Ind. Valve. 2,672,293, Mar. 16.
- Ludowici, Johann W. 2,692,618, Cl. 137—781.
- Ludwig, Anthony. 2,689,997, Cl. 24—259.
- Ludwig, Anthony. 2,690,107, Cl. 95—100.
- Ludwig, Georg, Hamburg-Harburg, and H. Gandert, Hamburg-Marmsdorf, Germany. Conveyer belt. 2,667,789, Feb. 2.
- Ludwig, Leon R., Snyder, N. Y., W. M. Leeds, Pittsburgh, B. P. Baker, Turtle Creek, and J. M. Cumming, deceased (by H. J. Cumming, executrix), Monroeville, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,666,118, Jan. 12.
- Ludwig, Norman C., to Universal Atlas Cement Co. Re. 23,873, Cl. 106—93.
- Ludwig, Norman C., Chicago, Ill., assignor to Universal Atlas Cement Company. Retarded cement. 2,673,810, Mar. 30.
- Ludwig, Sidney, and R. R. Cull. 2,693,372, Cl. 285—30.
- Ludwig, Thomas E., and O. E. Knapp, to The Sherwin-Williams Co. 2,694,055, Cl. 260—151.
- Ludwig, Thomas E., and O. E. Knapp, to The Sherwin-Williams Co. 2,694,056, Cl. 260—197.
- Ludwig, Walter D. 2,693,716, Cl. 74—512.
- Ludwig, William F. 2,688,269, Cl. 81—61.
- Luebben, Umno F. 2,697,615, Cl. 280—462.
- Luebke, Jerome J., to Marathon Corp. 2,688,277, Cl. 92—44.
- Luebke, George C. 2,682,708, Cl. 33—79.
- Luebking, Walter C., and R. J. Owen, to Collins Radio Co. 2,693,510, Cl. 200—16.
- Luecke, Frederick H. 2,683,765, Cl. 174—6.
- Luecke, Harry F., to Southern Dairies, Inc. 2,696,087, Cl. 62—89.
- Luehrs, Hans J.: *See*—
 Meyer, Joseph E., and Luehrs.
- Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Ink pumping mechanism for rotary printing presses. 2,672,812, Mar. 23.
- Luellen, Leland B., assignor to Inland Steel Company. 2,679,389, Cl. 263—15.
- Luenberger, Frederick O., to U. S. Electrical Motors, Inc. 2,682,229, Cl. 103—87.
- Luers, John M., and D. Shephard; said Shephard assor. to said Luers. 2,688,791, Cl. 29—95.
- Lufkin Foundry & Machine Company, assignee: *See*—
 Fincher, Louis.
- Fincher, Louis. 2,678,771.
- Lufkin Rule Co., The: *See*—
 Zelnick, Charles. 2,694,861.
- Lüft, Karl, assignor to Office National d'Etudes & de Recherches Aeronautiques (O. N. E. R. A.). 2,679,010, Cl. 250—83.3.
- Luft, Karl, to "Office National d'Etudes et de Recherches Aeronautiques" (O. N. E. R. A.). 2,696,731, Cl. 73—23.
- Lugert, John J., assignor to Eastman Kodak Company. 2,678,586, Cl. 88—57.
- Luginbuhl, Christian B., to E. I. du Pont de Nemours and Co. 2,690,447, Cl. 260—429.
- Luginbuhl, Christian B., to E. I. du Pont de Nemours and Co. 2,690,448, Cl. 260—429.
- Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Totalizing key punch. 2,672,286, Mar. 16.
- Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Data storage, read-out, and comparison device. 2,673,032, Mar. 23.
- Luhn, Hans P., to International Business Machines Corp. 2,684,718, Cl. 164—113.
- Luhn, Hans P., to International Business Machines Corp. 2,690,298, Cl. 235—61.6.
- Luhn, Hans P., to International Business Machines Corp. 2,693,144, Cl. 101—96.
- Luhn, Hans P., to International Business Machines Corp. 2,698,075, Cl. 197—20.
- Luhr, Dorothy C., Ithaca, N. Y. Bathing suit with foundation garment. 2,671,218, Mar. 9.
- Luhrmann, Fritz, and E. Klein, to Bischoff & Klein. 2,690,706, Cl. 93—35.
- Luhrs, John F.: *See*—
 Hornfeck, Anthony J., Luhrs, and Smith.
- Lui, Henry S. K., San Francisco, Calif. Fingernail polish mask. 2,670,745, Mar. 2.
- Luisada, August G., assignor to General Textile Mills, Inc. 2,677,384, Cl. 135—3.
- Lukas, Max J.: *See*—
 Lucci, Chester J., Lukas, and Tusina. 2,680,584.
- Lukasiewicz, Sigmund J.: *See*—
 Plank, Charles J., Lukasiewicz, and Drake. 2,698,305.
- Lukens Steel Co.: *See*—
 Charlton, Edward J., and Pompa. 2,697,284.
- Lusky, John, Jr., Henry, and McFarland.
 McGibbon, Archie S. 2,694,274.
- Stauffer, Alfred. 2,675,969.
- Lukes, George E.: *See*—
 Jones, Robert H., Lukes, and Bashour. 2,690,988.
- Luketa, Frank J., Seattle, Wash. Chair. 2,668,580, Feb. 9.
- Luketa, Frank J., Seattle, Wash. Lounge chair. 2,668,581, Feb. 9.
- Luketa, Frank J. 2,677,211, Cl. 45—82.
- Luketa, Frank J. 2,684,708, Cl. 155—105.
- Lukey, John B.: *See*—
 Armitage, Joseph B., and Lukey. 2,692,518.
- Lukey, Robert K., to W. F. Hall Printing Co. 2,682,400, Cl. 270—54.
- Lukins, Richard H., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine with puller drive. 2,670,703, Mar. 2.
- Luks, Albert. 2,697,440, Cl. 131—237.

- Lulek, Ralph N., Rosebank, N. Y., and W. M. Ziegler, Clementon, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Penicillin salt of N,N'-bis-p,p'-carbodiethylaminoethoxyphenyl. 2,668,812, Feb. 9.
- Lull, Le Grand H. 2,684,496, Cl. 15--83.
- Lum, Funston G.: *See*—
- Carlston, Earl F., and Lum. 2,697,723.
- Lumalampun Aktiebolag.: *See*—
- Björkman, Karl A. G.
- Persson, Karl B. 2,688,084.
- Lumb, Ernest C. *See*—
- Garner, Philip J., Winsor, and Lumb. 2,687,439.
- Lumbard, Henry G., assignee: *See*—
- Gauthier, Albert H.
- Luminous Ceilings, Inc.: *See*—
- Segil, Leon J. 2,695,652.
- Lumsden, Angus. 2,693,047, Cl. 43—26.1.
- Lummus Co., The: *See*—
- Bloomer, Ward J., and Davis. 2,674,846.
- Bloomer, Ward J., and Davis. 2,698,050.
- Bogart, Marcel J. P. 2,675,095.
- Mekler, Valentine.
- Schutte, August H. 2,690,384.
- Lummus Cotton Gin Co.: *See*—
- Vandergriff, Arvel L.
- Vandergriff, Arvel L. 2,696,025.
- Van Doorn, Donald W. 2,681,476—2,681,477.
- Luna, Jose L., and F. C. Paradise, to Stewart-Warner Corp. 2,690,321, Cl. 251—116.
- Lunas, Lawrence J.: *See*—
- Young, Douglass A., Lunas, and Walsweer.
- Lund, Alvin O., Great Notch, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatic landing elevator system. 2,669,324, Feb. 16.
- Lund, Arthur D., assignor to Solar Corporation. 2,678,736, Cl. 214—8.5.
- Lund, Carl P., to The Brunswick-Balke-Collender Co. 2,682,404, Cl. 273—49.
- Lund, Everett L. 2,678,150, Cl. 224—42.45.
- Lund, James K., Oak Park, assignor to The Dole Valve Company, Chicago, Ill. Spaced wall container. 2,666,548, Jan. 19.
- Lund, James K., assignor to The Dole Valve Company, Chicago, Ill. Vacuum control. 2,668,014, Feb. 2.
- Lund, Nean, assignor to Bell Telephone Laboratories, Incorporated. 2,674,720, Cl. 332—19.
- Lund, Soren W.: *See*—
- Wollpert, Daniel, and Lund. 2,695,688.
- Lund, William E., to W. A. Stevenson. 2,694,435, Cl. 153—48.
- Lundahl, Walter N., Hopkins, Minn., and R. L. Wright, North Linthicum Heights, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. X-ray thickness gauge. 2,669,662, Feb. 16.
- Lundberg, Harry F., Johnsonburg, and A. A. Gradisar, Snyder, N. Y., assignors to American Optical Company, Southbridge, Mass. Arc lamp. 2,673,289, Mar. 23.
- Lundberg, Kurt B. K. A. 2,674,239, Cl. 126—93.
- Lundell, Arnold W., Byram, assignor to Globe Slicing Machine Co., Inc., Stamford, Conn. Refrigerated meat chopper. 2,665,724, Jan. 12.
- Lundell, Arnold W., Byram, assignor to Globe Slicing Machine Co., Inc., Stamford, Conn. Food chopper. 2,665,725, Jan. 12.
- Lundell, Arnold W., Byram, assignor to Globe Slicing Machine Co., Inc., Stamford, Conn. Guide for slicing machines. 2,665,726, Jan. 12.
- Lundell, Arnold W., to Globe Slicing Machine Co., Inc. 2,693,835, Cl. 146—182.
- Lundell, Victor S. 2,684,607, Cl. 81—91.
- Lundgren, Harold P., and W. G. Rose, Berkeley, Calif., and H. W. Jones, Los Alamos, N. Mex., assignors to the United States of America as represented by the Secretary of Agriculture. Reaction of wool with beta-propiolactone and water. 2,672,397, Mar. 16.
- Lundgren, Louis R., and O. W. Swenson. 2,690,055, Cl. 61—73.
- Lundgren, Paul L. 2,685,111, Cl. 20—57.5.
- Lundh, Helmer, Sjursoya, Oslo, Norway. Liquid dispensing apparatus. 2,670,683, Mar. 2.
- Lundholm, Carl H. 2,674,773, Cl. 24—205.17.
- Lundin, Harald, deceased; H. M. Lundin, executrix. 2,686,354, Cl. 29—189.
- Lundin, Harald, deceased; H. M. Lundin, executrix. 2,686,355, Cl. 29—189.
- Lundin, Helen M.: *See*—
- Lundin, Harald. 2,686,354.
- Lundin, Harald. 2,686,355.
- Lundkvist, Karl A.: *See*—
- Wikström, Joel E., Lundkvist, and Jørgensen. 2,689,894.
- Lundquist, Carl E. E., Stockholm, Sweden. Chair. 2,664,944, Jan. 5.
- Lundquist, Gust, Duluth, Minn. Rattrap. 2,671,980, Mar. 16.
- Lundquist, Hendrik W. 2,685,093, Cl. 4—145.
- Lundquist, Ingemar, to J. G. Ruckelshaus. 2,685,208, Cl. 74—128.
- Lundquist, Richard C.: *See*—
- Lindgren, Frank A., and Lundquist. 2,695,700.
- Lundquist, Richard C., to Goodman Mfg. Co. 2,690,834, Cl. 198—109.
- Lundquist, Richard C., to Goodman Mfg. Co. 2,691,511, Cl. 262—9.
- Lundquist, Wilton G., Hohokus, N. J., assignor to Curtiss-Wright Corporation. Gas turbine cooling system. 2,672,013, Mar. 16.
- Lundquist, Wilton G., assignor to Curtiss-Wright Corporation. 2,675,791, Cl. 123—55.
- Lundquist, Wilton G., to Curtiss-Wright Corp. 2,684,591, Cl. 73—136.
- Lundry, Walter R.: *See*—
- Bobis, Stephen, and Lundry. 2,682,037.
- Lundsted, Lester G.: *See*—
- Jackson, Donald R., and Lundsted. 2,677,700.
- Lundsted, Lester G., assignor to Wyandotte Chemicals Corporation. 2,674,619, Cl. 260—485.
- Lundsted, Lester G., and W. F. Schulz, to Wyandotte Chemicals Corp. 2,697,118, Cl. 260—584.
- Lundstrom, Carl B., assignor to Lundstrom Laboratories, Inc. 2,674,276, Cl. 139—157.
- Lundstrom, Carl B., to Lundstrom Laboratories, Inc. 2,690,776, Cl. 145—61.
- Lundstrom Laboratories, Inc.: *See*—
- Lundstrom, Carl B. 2,674,276.
- Lundstrom, Carl B. 2,690,776.
- Lundstrom, Ernest A., Valley Stream, assignor to The Air Preheater Corporation, New York, N. Y. Heat exchanger core constituted by folded plates. 2,670,186, Feb. 23.
- Lundstrom, Oscar W.: *See*—
- Eves, Joseph R., and Lundstrom. 2,674,068.
- Lundy, Alvin S.: *See*—
- Schneible, Claude B., and Lundy. 2,683,958.
- Lundy, James H., 16% to R. E. Hergenrader, and 16% to W. W. Young. 2,695,680, Cl. 183—49.
- Lunetta, Louis B.: *See*—
- Orsatti, Louis A., and Borrelli. 2,695,784.
- Lung, Kenneth R., assignor to The Dayton Pump and Manufacturing Company. 2,674,189, Cl. 103—5.
- Luning, George W.: *See*—
- Siekmann, Harold J., Kasselmann, Luning, and Cooper. 2,697,373.
- Lunn, Frank M., assignor to United Dairies (London) Limited. 2,679,310, Cl. 198—31.
- Lunn, Robert J., and W. W. Lowther, to Donaldson Co., Inc. 2,689,068, Cl. 222—321.
- Lunsford, Charles L.: *See*—
- Cardwell, Paul H., and Lunsford. 2,698,295.
- Luper, Claude R., 50% to M. C. Luper. 2,681,248, Cl. 294—97.
- Luper, Margaret C.: *See*—
- Luper, Claude R. 2,681,248.
- Lupfer, Dale E., E. E. Kleinmann, and W. R. Eddy, Bartlesville, Okla., assignors to Phillips Petroleum Company. Automatic time-temperature curve apparatus. 2,672,751, Mar. 23.
- Lupfer, George L., to The Standard Oil Co. 2,684,936, Cl. 202—153.
- Lupfer, George L., to The Standard Oil Co. 2,692,223, Cl. 196—14.15.
- Lupfer, George L., to The Standard Oil Co. 2,696,738, Cl. 73—299.
- Luppen, Peter A., Bakersfield, Calif. Recording method. 2,669,034, Feb. 16.
- Lurie, Hillis N. 2,691,832, Cl. 36—8.5.
- Lurie, Oscar M., Bethesda, assignor to C. P. Liff, Chevy Chase, Md. Adjustable antiglare shield. 2,665,939, Jan. 12.
- Lurie, Pierre C.: *See*—
- Riesz, Charles H., and Lurie. 2,692,193.
- Lurie, William B., to Machlett Laboratories, Inc. 2,681,435, Cl. 324—115.
- Lusby, Oscar W., to Consolidated Gas Electric Light and Power Co. of Baltimore. 2,686,112, Cl. 48—190.
- Lusby, Walter S.: *See*—
- Wright, Robert L., Lusby, Lee, and Whittenberg. 2,679,598.
- Lusebrink, Elmer H., assignor to E. I. du Pont de Nemours and Company. 2,679,009, Cl. 250—68.
- Luskin, Leo S.: *See*—
- Craig, W. E., and Luskin. 2,689,255.
- Lusky, John, Jr., Coatesville, J. C. Henry, Jr., Parkesburg, and A. McFarland, assignors to Lukens Steel Company, Coatesville, Pa. Fuel burner. 2,669,484, Feb. 16.
- Luster, Carl J., and R. G. Brown, to Pittsburgh Plastic Products, Inc. 2,693,102, Cl. 72—25.
- Lusti, John: *See*—
- Glaser, William F., and Lusti. 2,682,318.
- Lustig, Frank, assignor to Excel Auto Radiator Company, Chicago, Ill. Power tool holding bracket. 2,673,059, Mar. 23.
- Lustig, Hans G.: *See*—
- Roughsedge, Robert H., and Lustig. 2,674,110.
- Lustig, Walter R., assignor to Atwood Vacuum Machine Company, Rockford, Ill. Hinged lid and hood support for motor vehicles. 2,668,320, Feb. 9.
- Lustman, Benjamin: *See*—
- Bechtold, James H., Lustman, and Scott.
- Lustwerk, Ferdinand: *See*—
- Neumann, Ernest P., and Lustwerk. 2,683,971.
- Neumann, Ernest P., and Lustwerk. 2,688,851.
- Neumann, Ernest P., and Lustwerk. 2,688,852.
- Luterick, Marcellus C.: *See*—
- Berch, Samuel H., and Luterick. 2,679,966.
- Berch, Samuel H., and Luterick. 2,685,176.
- Lutey, William J. 2,685,903, Cl. 152—222.

- Luther, Herbert G., to Chas. Pfizer & Co., Inc. 2,698,004, Cl. 119—71.
- Luther, Ruth H. 2,674,972, Cl. 116—119.
- Luther, William A., Jr., assignor to General Motors Corporation. 2,679,683, Cl. 29—182.2.
- Luther, William F. 2,686,955, Cl. 28—81.
- Luther, William F. 2,688,863, Cl. 68—22.
- Lutomski, Charles F.: *See—*
Fand, Theodore I., and Lutomski.
- Luttio, Merrill J. 2,693,846, Cl. 155—169.
- Lutton, Clifford L., Washington, D. C. Lift assembly for mounting on scaffolding. 2,673,711, Mar. 30.
- Luttinghaus, Hans, Chatham, N. J., and A. A. Arcus, Bellerose, assignors to General Dyestuff Corporation, New York, N. Y. Composition and process for dyeing polyethylene terephthalate fibers. 2,670,263, Feb. 23.
- Luttinghaus, Hans, to General Dyestuff Corp. 2,681,845, Cl. 8—36.
- Lutts, Carlton G., and A. M. Leahy. 2,693,673, Cl. 59—84.
- Lutz, August H.: *See—*
Frick, Heinrich, and Lutz. 2,680,116.
- Lutz, Elmer H.: *See—*
Halvorson, Gaylord H., Lutz, and Swensen.
- Lutz, Milton W., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Multiple stage centrifugal pump. 2,668,501, Feb. 9.
- Lutz, Stanley N., Lorain, Ohio, assignor to United States Steel Corporation. Rotary-table casting apparatus with water-cooled molds. 2,672,661, Mar. 23.
- Luvisi, Fred P.: *See—*
Filachione, Edward M., Beebe, Harris, and Luvisi. 2,694,725.
- Luvisi, George W., assignor to National Aluminate Corporation, Chicago, Ill. Corrosion inhibitor for liquid hydrocarbons. 2,668,100, Feb. 2.
- Luvisi, George W., assignor to National Aluminate Corporation, Chicago, Ill. Antifoam compositions and foam inhibition. 2,668,150, Feb. 2.
- Lüz, Christian: *See—*
Schreiber, Eduard, Hennek, and Lüz.
- Lycan, Bertha C., Omaha, Nebr. Auto seat headrest. 2,666,476, Jan. 19.
- Lychenheim, Heinz, Silver Spring, Md. Auxiliary toilet seat. 2,671,226, Mar. 9.
- Lyijynen, Fred, assignor to Briggs Manufacturing Company, Detroit, Mich. Die apparatus for making laminated panels. 2,672,176, Mar. 16.
- Lyijynen, Fred, to Briggs Mfg. Co. 2,684,313, Cl. 154—43.
- Lyijynen, Fred, to Briggs Mfg. Co. 2,684,320, Cl. 154—118.
- Lyijynen, Fred, to Briggs Mfg. Co. 2,693,221, Cl. 154—1.
- Lyijynen, Fred, and J. A. Rengert, assignors to Briggs Manufacturing Company. 2,674,488, Cl. 296—137.
- Lykins, Earl D. 2,691,114, Cl. 310—246.
- Lykken, Henry G. 2,688,478, Cl. 266—32.
- Lyle, Gloria G.: *See—*
Lyle, Robert E., Jr., and G. G. 2,683,145.
- Lyle, Robert E., Jr., and G. G., to Research Corp. 2,683,145, Cl. 260—239.
- Lyman, Joseph: *See—*
Litchford, George B., and Lyman. 2,689,953.
- Lyman, William R.: *See—*
Ferris, Arthur F., and Lyman. 2,678,307.
- Lyn-Chicago Corporation, assignee: *See—*
La Tour, Clifford S.
- Lynam, John E., and P. G. McCarthy, to William Cotton Ltd. 2,692,489, Cl. 66—157.
- Lynch, Charles S., to Phillips Petroleum Co. 2,695,283, Cl. 260—96.5.
- Lynch Corporation, assignee: *See—*
Coon, Harold R., Sr., and Rapp. 2,691,218.
- Coon, Harold R., Sr., and Rapp. 2,694,256.
- Doepel, Wallace A., and Wiley. 2,685,157.
- Sandberg, Oscar.
- Taggart, Robert E., and Thorne. 2,675,657.
- Lynch, Edward E., Wakefield, Mass., assignor to General Electric Company. Attitude indicator. 2,669,786, Feb. 23.
- Lynch, Edward E., to General Electric Co. 2,683,234, Cl. 313—93.
- Lynch, Edward S. 2,695,473, Cl. 47—35.
- Lynch, John: *See—*
Flesner, Eugene E., and Lynch.
- Lynch, John E.: *See—*
Tanner, Fred W., Jr., Lynch, and Routien. 2,691,618.
- Lynch, Rawley F.: *See—*
Woodburn, James, and Lynch. 2,685,539.
- Woodburn, James, Jr., and Lynch. 2,685,540.
- Woodburn, James, Jr., and Lynch. 2,685,541.
- Woodburn, James, Jr., and Lynch. 2,685,542.
- Lyne, William H.: *See—*
Dill, Herbert C., Lyne, and Schlumpf.
- Lynes, John, to Oil Recovery Corp. 2,693,342, Cl. 255—1.4.
- Lyness, Arthur A., Jr., to Westinghouse Electric Corp. 2,697,161, Cl. 219—10.67.
- Lynn, Howard F., assignor to Bendix Aviation Corporation, Detroit, Mich. Pulse modulator. 2,666,901, Jan. 19.
- Lynn, John P. 2,690,737, Cl. 120—18.
- Lyons, Edward H. 2,679,093, Cl. 30—32.
- Lyons, Floyd A.: *See—*
Halahan, John, Aronson, and Lyons. 2,688,830.
- Halahan, John, Aronson, and Lyons. 2,690,102.
- Halahan, John, Aronson, and Lyons. 2,690,337.
- Halahan, John, Aronson, and Lyons. 2,692,529.
- Lyons, George A., Detroit, Mich. Feed mechanism and control for continuous stock material. 2,665,654, Jan. 12.
- Lyons, George A., Detroit, Mich. Continuous web feeding mechanism. 2,665,905, Jan. 12.
- Lyons, George A., Detroit, Mich. Wheel cover. 2,665,947, Jan. 12.
- Lyons, George A., Detroit, Mich. Wheel cover. 2,665,948, Jan. 12.
- Lyons, George A., Detroit, Mich. Wheel cover. 2,670,244, Feb. 23.
- Lyons, George A., Detroit, Mich. Wheel structure. 2,670,995, Mar. 2.
- Lyons, George A., Detroit, Mich. Wheel cover. 2,671,695, Mar. 9.
- Lyons, George A. 2,674,495, Cl. 301—37.
- Lyons, George A. 2,674,787, Cl. 29—159.
- Lyons, George A. 2,675,271, Cl. 301—37.
- Lyons, George A. 2,677,201, Cl. 36—2.5.
- Lyons, George A. 2,682,937, Cl. 188—264.
- Lyons, George A. 2,683,628, Cl. 301—37.
- Lyons, George A. 2,683,629, Cl. 301—37.
- Lyons, George A. 2,683,630, Cl. 301—37.
- Lyons, George A. 2,683,631, Cl. 301—37.
- Lyons, George A. 2,683,632, Cl. 301—37.
- Lyons, George A. 2,686,082, Cl. 301—37.
- Lyons, George A. 2,689,539, Cl. 113—49.
- Lyons, George A. 2,689,578, Cl. 134—125.
- Lyons, George A. 2,690,357, Cl. 301—37.
- Lyons, George A. 2,690,358, Cl. 301—37.
- Lyons, George A., to Lyons, Inc. 2,691,545, Cl. 293—62.
- Lyons, George A. 2,693,064, Cl. 51—193.
- Lyons, George A. 2,693,984, Cl. 301—37.
- Lyons, George A. 2,698,268, Cl. 148—12.4.
- Lyons, Incorporated, assignee: *See—*
Judd, John S. 2,680,695.
- Judd, John S. 2,689,198.
- Lyons, George A. 2,691,545.
- Lyons, Luther S.: *See—*
Lipic, Sylvester G., Boyle, and Lyons. 2,680,962.
- Lyons Metal Products, Incorporated, assignee: *See—*
Knuth, Harvey G.
- Lyons, William B., Grand Rapids, Mich. Selective display cabinet. 2,673,780, Mar. 30.
- Lyonnnet, Pierre: *See—*
Salaun, Pierre, and Lyonnet. 2,683,244.
- Lyons, Francis M., to Einson-Freeman Co., Inc. 2,687,006, Cl. 60—23.
- Lyons, Harold: *See—*
Frisch, Kurt C., and Lyons.
- Lyons, Horace C. 2,691,902, Cl. 74—700.
- Lyons, J., & Company Limited, assignee: *See—*
Steele, Arthur H. V. 2,679,920.
- Lyons, Lee J. 2,679,079, Cl. 22—204.
- Lyons, Richard T., Toronto, Ontario, Canada, assignor to The Patent and Licensing Corporation, New York, N. Y. Covered expansion joint. 2,673,460, Mar. 30.
- Lyons, William C. 2,682,324, Cl. 189—46.
- Lyth, John J. 2,674,415, Cl. 242—46.5.
- Lytle, Arthur R.: *See—*
Morton, William, and Lytle. 2,688,180.
- Lytle, Donald B.: *See—*
Geese, Charles F., and Lytle. 2,678,299.
- Lytle, Elvin D., to The Garrett Corp. 2,689,919, Cl. 307—87.
- Lytle, Melba L., assignor, by mesne assignments, to Standard Oil Development Company. 2,675,355, Cl. 252—8.55.
- Lytle, Nelson M.: *See—*
McClanahan, Floyd H., and Lytle. 2,675,650.
- Lytle, Orville C., $\frac{1}{2}$ to S. R. Wray. 2,695,489, Cl. 56—341.
- Lytle, Walter J., assignor to Westinghouse Electric Corporation. 2,679,713, Cl. 49—2.
- Lytton, Marion R., West Chester, Pa., assignor, by mesne assignments, to The Chemstrand Corporation, Decatur, Ala. Quaternary benzylchloride salts of 3-hydroxy 4-disubstituted amino-butene-1. 2,666,783, Jan. 19.
- MCA Sales Corporation, assignee: *See—*
Holt, Robert G.
- M. E. C. B., Inc., assignee: *See—*
Rocheville, Charles F.
- M. L. Aviation Co. Ltd.: *See—*
Lobelle, Marcel J. O.
- Lobelle, Marcel J. O. 2,693,326.
- M and M Wood Working Company, assignee: *See—*
Bennett, Elbert V., and Renn. 2,674,770.
- Williams, Ivan A. 2,691,341.
- M-O Valve Co. Ltd., The: *See—*
Wright, Donald A. 2,692,959.
- M. P. H. Industries: *See—*
Marihart, Leo A.
- Marihart, Leo A. 2,682,132.
- M. P. J. Gauge & Tool Company Limited, assignee: *See—*
Harris, Percy W.
- M & S Maschinen und Stahl A. G., assignee: *See—*
Eisenburger, Kuno. 2,678,367.
- Maag Zahnräder und Maschinen, A. G.: *See—*
Leuthold, Benedikt. 2,697,283.

- Maatman, Egbert J., and L. A. Lehrman, assignors to American Steel Foundries, Chicago, Ill. Snubbed truck. 2,667,845, Feb. 2.
- Mabbs, Carl E., Washington County, Ark. Automatic waterer and medicator. 2,671,464, Mar. 9.
- Mac Mixer, Inc., The, assignee: *See*—
- MacFarlane, John L.
- MacAillo, Peter P. 2,685,094, Cl. 4—216.
- MacAllister, Arthur E.: *See*—
- Richardson, William G., and MacAllister. 2,682,222.
- Macallum, Ernest N.: *See*—
- Delmar, Geza S., and Macallum. 2,678,311.
- Macardier, Louis: *See*—
- Domenach, Louis, and Macardier.
- Macardier, Louis P., to Compagnie Generale d'Electricite. 2,689,878, Cl. 174—74.
- Macarthur, Arthur: *See*—
- Baird, William, Jones, and Macarthur.
- MacArthur, Arthur, Jr., assignor to Consolidated Vultee Aircraft Corporation. 2,677,045, Cl. 240—8.16.
- MacArthur, John E., Jr., to General Motors Corp. 2,685,400, Cl. 229—43.
- Macaulay, Charles S. 2,691,783, Cl. 5—118.
- MacBain, Donald K.: *See*—
- McBain, Kenneth C., and MacBain. 2,688,341.
- Maccaferri, Mario, Rye, N. Y. Clip for clothes racks. 2,666,240, Jan. 19.
- Maccaferri, Mario, Rye, N. Y. Chord player. 2,669,151, Feb. 16.
- MacCallum, Alan M.: *See*—
- Perkins, Corles M., Sr., and MacCallum. 2,676,291.
- MacCallum, Alan M., Maywood, assignor to Bendix Aviation Corporation, Teterboro, N. J. Positioning system monitor. 2,673,314, Mar. 23.
- MacCallum, Alan M., assignor to Bendix Aviation Corporation. 2,674,711, Cl. 318—489.
- MacCallum, Alan M., assignor to Bendix Aviation Corporation. 2,678,178, Cl. 244—77.
- MacCallum, Alan M., Plainfield, and C. M. Perkins, Sr., Rutherford, assignors to Bendix Aviation Corporation, Teterboro, N. J. Automatic pilot for mobile craft. 2,665,861, Jan. 12.
- MacChesney, Chester M., assignor to Ellamac Incorporated. 2,677,200, Cl. 35—35.
- MacCheyne, George W., Rochester, N. Y., assignor to Stromberg-Carlson Company. Switching device. 2,672,592, Mar. 16.
- MacCheyne, George W., to Stromberg-Carlson Co. 2,691,071, Cl. 179—90.
- MacClaren, Robert H.: *See*—
- Richter, George A., and MacClaren. 2,694,631.
- Macco Oil Tool Company, assignee: *See*—
- Carlisle, Willis C., and MacCarvell.
- McCarvell, John H. 2,674,267.
- MacCracken, Calvin D., to Jet-Heet, Inc. 2,692,014, Cl. 158—1.
- MacCracken, Calvin D., and G. N. Miles, to Jet-Heet, Inc. 2,686,562, Cl. 158—36.2.
- MacCready, Paul B., Jr., Pasadena, Calif. Robot cloud seeding generator. 2,665,940, Jan. 12.
- MacDonald, Alexander. 2,674,792, Cl. 30—6.1.
- Macdonald, Angus A., assignor to Westinghouse Electric Corporation. 2,679,584, Cl. 250—27.
- Macdonald, Angus A., to Westinghouse Electric Corp. 2,693,530, Cl. 250—27.
- Macdonald, Angus A., to Westinghouse Electric Corp. 2,697,205, Cl. 332—39.
- Macdonald, Angus A., and L. R. Smith, to Westinghouse Electric Corp. 2,697,132, Cl. 179—2.
- Macdonald, Angus S. 2,680,805, Cl. 240—9.
- Macdonald, Angus S., to The Globe-Wernicke Co. 2,682,938, Cl. 189—34.
- MacDonald, Chester R., to The Patent and Licensing Corp. 2,694,963, Cl. 92—41.
- MacDonald, Dennison H., East Haven, assignor to Revere Corporation of America, Wallingford, Conn. Instrument for sensing the densities of fluids. 2,664,742, Jan. 5.
- MacDonald, Dennison H., East Haven, assignor to Revere Corporation of America, Wallingford, Conn. Making thermocouples. 2,665,322, Jan. 5.
- MacDonald, Duncan N., Evanston, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Lever key. 2,672,765, Mar. 23.
- MacDonald, Duncan N., assignor to Automatic Electric Laboratories, Inc. 2,677,031, Cl. 200—112.
- Macdonald, Eric: *See*—
- Ganguin, Karl O., and Macdonald. 2,688,538.
- Ganguin, Karl O., and Macdonald. 2,688,540.
- Ganguin, Karl O., and Macdonald. 2,688,541.
- Macdonald, Frederick C.: *See*—
- Thompson, William G., and Macdonald. 2,694,329.
- MacDonald, James L.: *See*—
- Lock, Donald S., MacDonald, Sawyer, and Witt. 2,691,861.
- MacDonald, John, and G. R. Meadowcroft, assignors to Lake State Products, Inc., Jackson, Mich. Dishwasher. 2,671,455, Mar. 9.
- Macdonald, Lester S., to United Shoe Machinery Corp. 2,686,923, Cl. 12—1.
- MacDonald, Ralph. 2,696,202, Cl. 123—119.
- MacDonald, Robert A.: *See*—
- Dancy, William B., and MacDonald. 2,687,339.
- MacDonald, Robert B., Hagersville, Ontario, Canada. Warning signal for fluid brakes. 2,672,535, Mar. 16.
- MacDonald, Robert J., to Republic Aviation Corp. 2,681,547, Cl. 60—35.6.
- MacDonald, Robert N., New Castle, Del., and R. S. Schreiber, Kalamazoo, Mich., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alpha-amino acid copolymers. 2,671,772, Mar. 9.
- MacDonald, Roderic A., assignor to Burndy Engineering Company, Inc. 2,676,390, Cl. 29—148.
- MacDonald, Roderic A., assignor to Russell, Burdsall and Ward Bolt and Nut Company. 2,679,774, Cl. 80—61.
- Macdonald, Walter. 2,689,371, Cl. 17—11.3.
- MacDonald, William W., and J. R. Pomfret, San Francisco, Calif., assignors, by mesne assignments, to Peterbilt Motors Company. Lift truck. 2,667,283, Jan. 26.
- MacDonell, John, Redwood City, Calif. Sound pickup and reproducing apparatus. 2,666,650, Jan. 19.
- MacDonnell, James A.: *See*—
- Logan, Joseph A., and MacDonnell.
- MacDonnell, Leonard R.: *See*—
- Feeney, Robert E., Brown, and MacDonnell.
- Gregory, Vernon L., and MacDonnell. 2,677,611.
- MacDonough, Edward P.: *See*—
- Butler, George V., and MacDonough. 2,685,469.
- MacDougall, Donald J., Framingham, assignor to Combustion Control Corporation, Cambridge, Mass. Photoelectric apparatus. 2,667,102, Jan. 26.
- MacDougall, Duncan P.: *See*—
- Fisher, Howard J., MacDougall, and Kistiakowsky.
- MacDuff, Stanley I., assignor to Bendix Aviation Corporation, South Bend, Ind. Temperature compensated force and motion transmitting system. 2,669,096, Feb. 16.
- MacDuff, Stanley I., to Bendix Aviation Corp. 2,686,677, Cl. 274—10.
- Mace, Frederick M. 2,683,977, Cl. 70—284.
- Mace, Norman G., to The Lionel Corp. 2,683,954, Cl. 46—45.
- Mace, Thomas K., Birmingham, England. Vehicle brake. 2,669,328, Feb. 16.
- MacEachron, Lendrum A. 2,694,207, Cl. 5—17.
- Macek, Thomas J., Irvington, assignor to Merck & Co., Inc., Rahway, N. J. Stable noncaking aqueous suspension of cortisone acetate and preparing the same. 2,671,750, Mar. 9.
- Macewka, John. Re. 23,892, Cl. 164—95.
- Macey, James G., to Salinas Laboratories, Inc. 2,684,903, Cl. 99—2.
- MacFadden, Glenn E., Rocky River, assignor to John C. Virden Company, Cleveland, Ohio. Planar translucent light shade. 2,669,651, Feb. 16.
- MacFarland, Allison M., assignor to General Dry Batteries, Inc. 2,677,716, Cl. 136—111.
- MacFarland, Charles H., assignor to The Scott & Fetzer Company, Cleveland, Ohio. Vacuum cleaner nozzle with detachable brush carrying unit. 2,668,979, Feb. 16.
- MacFarlane, Alistair C., Texas City, Tex., assignor to Monsanto Chemical Company, St. Louis, Mo. Purification of acrylonitrile by distillation. 2,672,434, Mar. 16.
- Macfarlane, Charles C.: *See*—
- Macfarlane, James C., J. W., W. I., and C. C. 2,683,231.
- Macfarlane, James C., J. W., W. I., and C. C. 2,683,231, Cl. 310—184.
- Macfarlane, James C. and W. I. 2,687,506, Cl. 322—65.
- Macfarlane, James W.: *See*—
- Macfarlane, James C., J. W., W. I., and C. C. 2,683,231.
- MacFarlane, John L., Pueblo, Colo., assignor to The Mac Mixer, Inc. Fuel and air mixing unit for burner assemblies. 2,670,788, Mar. 2.
- Macfarlane, William I.: *See*—
- Macfarlane, James C., J. W., W. I., and C. C. 2,683,231.
- Macfarlane, James C. and W. I. 2,687,506.
- MacGeorge, William D., Collegeville, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Control circuit for a series wound reversible motor. 2,669,684, Feb. 16.
- MacGeorge, William D., to Automatic Temperature Control Co., Inc. 2,684,203, Cl. 236—15.
- MacGill, Charles D., assignor to Barr & Stroud Limited, Glasgow, Scotland. Extensible optical sighting or observation instrument. 2,667,813, Feb. 2.
- MacGlashan, William F., Jr., assignor to the United States of America as represented by the Secretary of the Army. 2,680,454, Cl. 137—505.28.
- MacGregor, David, assignor to Edward Valves, Inc., East Chicago, Ind. Bonnet and sealing structure for valves. 2,665,874, Jan. 12.
- MacGregor, David, Munster, assignor to Edward Valves Incorporated, East Chicago, Ind. Valve construction. 2,665,875, Jan. 12.
- MacGregor, David, Munster, assignor to Edward Valves Incorporated, East Chicago, Ind. Pressure sealed valve. 2,665,877, Jan. 12.
- MacGregor, David, to Edward Valves, Inc. 2,685,426, Cl. 251—118.
- MacGregor, David, to Edward Valves, Inc. 2,694,547, Cl. 251—264.

- MacGregor, Donald W., Cornwall, Ontario, and T. R. Griffith, Ottawa, Ontario, assignors, by mesne assignments, to Howard Smith Paper Mills Limited, Montreal, Quebec, Canada. Lignin-reinforced rubber. 2,669,592, Feb. 16.
- MacGregor Instrument Co.: *See—*
MacGregor, John. 2,695,613.
- MacGregor, John, to MacGregor Instrument Co. 2,695,613, Cl. 128—218.
- Macgregor, Peter S.: *See—*
Cobham, Alan J., Latimer-Needham, and Macgregor. 2,692,103.
- Cobham, Alan J., Latimer-Needham, Smith, and Macgregor. 2,692,102.
- MacGregor, Robert A. 2,685,281, Cl. 123—90.
- MacGregor, Robert R. 2,675,878, Cl. 166—13.
- MacGregor Sport Products, Inc.: *See—*
Wilkins, Howard J. 2,698,040.
- MacGuire, Carolyn E.: *See—*
MacGuire, William E. 2,690,013.
- MacGuire, William E., deceased (C. E. MacGuire, administratrix). 2,690,013, Cl. 33—30.
- Mach, Herman, Porterville, Calif. Flexible walled measuring pocket with inlet and outlet cutoffs. 2,667,288, Jan. 26.
- Mach, Rose M., assignee: *See—*
Pazul, Thresa. 2,675,811.
- Machado, Anthony B., San Leandro, and F. J. Pruettage, Oakland, Calif., assignors to Friden Calculating Machine Co., Inc. Split clearing mechanism. 2,666,582, Jan. 19.
- MacHenry, Richard, to American Viscose Corp. 2,688,380, Cl. 183—44.
- Macher, Karl H.: *See—*
Klemm, Günter, and Macher. 2,683,395.
Klemm, Günter, and Macher. 2,683,396.
Klemm, Günter, and Macher. 2,683,398.
- Machet, Charles, Lyon, France. Combination armchair and bed. 2,670,785, Mar. 2.
- Machine Tool Works Oerlikon, Administration Co.: *See—*
Apothélos, Robert. 2,685,253.
Herlach, Heinrich. 2,696,144.
Kehrer, Robert, and Keller. 2,688,342.
Keller, Siegfried.
- Machined Parts Corp.: *See—*
Burch, Arthur E. 2,697,762.
- Machinefabrik Reineveld N. V., assignee: *See—*
Van Riel, Pieter. 2,676,707.
- Machinenfabrik Augsburg-Nürnberg A. G.: *See—*
Schörner, Christian. 2,683,018.
- Machinist, Israel, St. Albans, N. Y. Duplex handbag for women. 2,672,903, Mar. 23.
- Machler, Raymond C., assignor to Leeds and Northrup Company. 2,677,277, Cl. 73—355.
- Machler, Raymond C., and W. G. Fastie, to Leeds and Northrup Co. 2,683,988, Cl. 73—355.
- Machlet, Adolph W. 2,683,675, Cl. 117—130.
- Machlett Laboratories, Inc.: *See—*
Doolittle, Howard D.
Lurie, William B. 2,681,435.
Rheume, Raymond H. 2,693,347.
Rogers, Thomas H., and Skehan. 2,679,017.
Skehan, Joseph W. 2,681,422.
Skehan, Joseph W. 2,683,831.
- Machol Edge Index, Inc., assignee: *See—*
Machol, Morris R. 2,680,630.
- Machol, Morris R., assignor to Machol Edge Index, Inc. 2,680,630, Cl. 283—38.
- MacIlwaine, Gordon W. 2,689,857, Cl. 260—412.4.
- MacIlwaine, Gordon W. 2,697,978, Cl. 100—107.
- MacIntire, Walter H., to The University of Tennessee Research Corp. 2,697,658, Cl. 71—25.
- MacIntire, Walter H., to The University of Tennessee Research Corp. 2,697,659, Cl. 71—25.
- MacIntyre, Charles H., Hasbrouck Heights, assignor to Bendix Aviation Corporation, Teterboro, N. J. Control mechanism and apparatus for an ice eliminating system having inflatable members and heater elements. 2,670,161, Feb. 23.
- MacIntyre, Charles H., to Bendix Aviation Corp. 2,683,001, Cl. 244—1.
- MacIntyre, David, to Aluminum Co. of America. 2,688,047, Cl. 174—42.
- MacIntyre, John A., assignor to Ber-Mac Company. 2,678,068, Cl. 139—104.
- Mack, Charles, to Standard Oil Development Co. 2,690,420, Cl. 196—152.
- Mack, George L.: *See—*
Hunting, Melvin J., and Mack.
- Mack, George W., Waterloo, Iowa. Photographic slide binder. 2,673,000, Mar. 23.
- Mack, Glenwood S., assignee: *See—*
Solberg, Archie N. 2,674,759.
- Mack, Gerry P., and F. B. Savarese, to Advance Solvents & Chemical Corp. 2,684,973, Cl. 260—429.
- Mack, James O. 2,689,534, Cl. 103—181.
- Mack, Julian E.: *See—*
Smyth, Henry D., Smith, and Mack. 2,677,770.
- Mack, Julian E., to the United States of America as represented by the United States Atomic Energy Commission. 2,690,515, Cl. 313—63.
- Mack, Kent M., assignor to Westinghouse Electric Corporation. 2,679,589, Cl. 250—27.
- Mack, Lawrence L., assignee: *See—*
Alexander, William R., Williams, Dawson, and Bentz.
- Mack, Louis P. 2,681,651, Cl. 128—101.
- Mack Manufacturing Corporation, assignee: *See—*
Schmal, Alois H.
Webster, Robert M., Jr. 2,693,841.
Willis, Delbert E. 2,677,440.
- Mack, Victor C., Long Beach, Calif. Automatic telephone. 2,670,403, Feb. 23.
- Mack, William, assignor to the United States of America as represented by the Secretary of the Army. 2,680,541, Cl. 222—526.
- Mackas, George, to the United States of America as represented by the Secretary of the Navy. 2,696,105, Cl. 73—37.
- MacKay, John R., to Wallace & Tiernan Co., Inc. 2,689,343, Cl. 340—357.
- Mackay, Johnstone S.: *See—*
Carpenter, Erwin L., and Mackay. 2,688,632.
- Mackay, Johnstone S., and S. Frank, to American Cyanamid Co. 2,688,020, Cl. 260—260.
- MacKay, Katherine H.: *See—*
Basel, Monica H., and MacKay. 2,684,514.
- Mackay Radio and Telegraph Company, assignee: *See—*
Abelew, Harry H. 2,678,390.
Royden, George T. 2,680,197.
- Mackensen, Harold T., to The Jeffrey Mfg. Co. 2,690,543, Cl. 339—91.
- Mackenzie, Bruce H.: *See—*
Stratford, Reginald K., and Mackenzie. 2,687,988.
- MacKenzie, Charles A.: *See—*
Rust, John B., and MacKenzie. 2,698,334.
- Mackenzie, James A.: *See—*
Reynolds, Peter W., Dowden, and Mackenzie.
- MacKenzie, Kenneth G., to General Foods Corp. 2,697,920, Cl. 62—114.
- Mackey, Bruce A. 2,681,673, Cl. 145—116.
- Mackey, Frank L., Jr.: *See—*
Wallingford, Vernon H., Mackey, and Kelley. 2,687,838.
- Mackey, Henry W., assignor to Motor Products Corporation, Detroit, Mich. Apparatus for setting glass panels. 2,670,531, Mar. 2.
- Mackey, Lawrence M. 2,689,967, Cl. 15—172.
- Mackey, Thomas J. 2,695,389, Cl. 339—57.
- Mackie, Charles G.: *See—*
Corlett, Webster D., and Mackie.
- MacKinney, Emilio N.: *See—*
Kahn, Julie, Pier, and MacKinney. 2,690,069.
- Mackintosh-Hemphill Company, assignee: *See—*
Breza, George, and Abramsen.
Hyams, William.
- Mackiw, Vladimir N., to Sherritt Gordon Mines Ltd. 2,693,404, Cl. 23—117.
- Mackiw, Vladimir N., and S. Nashner, to Sherritt Gordon Mines Ltd. 2,693,405, Cl. 23—135.
- Macklem, F. Sutherland, to Servo Corp. of America. 2,686,290, Cl. 323—50.
- Macklem, F. Sutherland, to Servo Corp. of America. 2,686,291, Cl. 323—50.
- Macklem, F. Sutherland, to Servo Corp. of America. 2,686,292, Cl. 323—50.
- Macknight, John D., to The Texas Co. 2,692,949, Cl. 250—71.
- MacLaren, Donald D.: *See—*
Hardy, Robert L., MacLaren, Hemminger, and Rex. 2,689,823.
Sweetser, Sumner B., and MacLaren. 2,697,733.
- MacLaren, Donald D., to Standard Oil Development Co. 2,694,672, Cl. 196—50.
- MacLaren, Frederick H.: *See—*
Feller, Morris, and MacLaren.
Kalinowski, Mathew L., and MacLaren.
- MacLaren, Frederick H., Munster, Ind., assignor to Standard Oil Company, Chicago, Ill. Asphalt composition and making same. 2,673,814, Mar. 30.
- MacLaury, Waldo M.: *See—*
Waller, Fred, and MacLaury. 2,682,722.
- MacLean, Alexander F., assignor to Celanese Corporation of America. 2,675,346, Cl. 202—69.
- MacLean, Elliot B.: *See—*
Shaw, William, MacLean, and Gregoire. 2,681,478.
- MacLean-Fogg Lock Nut Co.: *See—*
MacLean, John A., Jr. 2,686,546.
- MacLean, James M., assignor to Enjar Wheels, Limited, Windsor, Ontario, Canada. Resilient vehicle wheel. 2,672,906, Mar. 23.
- MacLean, James M., assignor to Enjar Wheels, Limited, Windsor, Ontario, Canada. Resilient wheel. 2,672,907, Mar. 23.
- MacLean, John A., Jr., to MacLean-Fogg Lock Nut Co. 2,686,546, Cl. 151—21.
- MacLean, Thomas T., assignor to Anglo-Iranian Oil Company Limited, London, England. Protective face shield. 2,668,951, Feb. 16.
- Macleish, Kenneth G., assignor to Eastman Kodak Company, Rochester, N. Y. Monochromator. 2,669,899, Feb. 23.
- MacLennan, Alexander M.: *See—*
Glendinning, William G., and MacLennan. 2,693,240.
- MacLennan, William H.: *See—*
Manning, John, and MacLennan. 2,687,946.
Manning, John, and MacLennan. 2,687,947.

- MacLeod, David E., and H. O. Fuchs, to Preco Inc. 2,695,468, Cl. 37—145.
- MacLeod, Donald K., assignor to United Steel Fabricators, Inc. 2,674,354, Cl. 189—34.
- MacLeod, Douglas W., assignor to Farrel-Birmingham Company, Incorporated. 2,680,264, Cl. 18—2.
- MacLeod, Merlin W., to Trans-Canada Air Lines. 2,688,501, Cl. 285—162.
- MacLeod, Norman A. 2,687,213, Cl. 209—164.
- MacMahon, James D., to Mathieson Chemical Corp. 2,695,274, Cl. 252—99.
- MacMahon, James D., assignor to Mathieson Chemical Corporation. 2,676,153, Cl. 252—157.
- MacMillan & Bloedel (Alberni) Limited, assignee: See—Bloedel, Prentice, Hansel, Riches, and Brookes. 2,675,255.
- MacMurray, Daniel P., to E. I. du Pont de Nemours and Co. 2,697,979, Cl. 100—116.
- MacNamara, William, assignor to Proctor Electric Company, Philadelphia, Pa. Manual control mechanism. 2,667,084, Jan. 26.
- MacNeill, Arthur E. 2,686,154, Cl. 210—8.5.
- MacNeill, George L. 2,678,062, Cl. 137—595.
- MacNeill, John B., to Westinghouse Electric Corp. 2,686,237, Cl. 200—82.
- MacNeill, John B., Wilkinsburg, F. E. Florschutz, Forest Hills, T. Lindstrom, Edgewood, and B. G. Tremblay, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,669,623, Feb. 16.
- MacNeill, John B., and W. M. Leeds, Pittsburgh, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,669,629, Feb. 16.
- MacNeille, Martin B., and W. A. Kabele, assignors to A. Y. McDonald Manufacturing Co. 2,677,327, Cl. 103—103.
- MacNichol, Edward F., Jr., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,761, Cl. 250—27.
- MacNichol, Edward F., Jr., and A. H. Fredrick, to the United States of America as represented by the Secretary of the Navy. 2,697,166, Cl. 250—27.
- MacNichol, Edward F., Jr., H. S. Sack, and R. N. Work, to the United States of America as represented by the Secretary of the Navy. 2,697,808, Cl. 318—28.
- Macoicz, Edward L., to General Electric Co. 2,681,973, Cl. 219—20.
- Macomber, David W. 2,690,845, Cl. 213—221.
- Macomber, James K.: See—Davis, Arthur P., and Macomber. 2,698,135.
- Macomber, Ora B., Milwaukee, Wis. Battery post terminal. 2,671,890, Mar. 9.
- Macomic, Chester A.: See—Stewart, Merritt G., and Macomic. 2,686,680.
- Macoy, Eugene W., to American Can Co. 2,682,598, Cl. 219—10.
- MacPheat, Alexander M., Indianapolis, Ind., assignor to Western Electric Company, Incorporated, New York, N. Y. Relay adjusting fixture. 2,672,174, Mar. 16.
- MacPheat, Alexander M., to Western Electric Co., Inc. 2,685,126, Cl. 29—203.
- MacPherson, Earle S., Huntington Woods, assignor to Ford Motor Company, Dearborn, Mich. Vehicle chassis and motor support thereon. 2,667,231, Jan. 26.
- MacPherson, Herbert G., Lakewood, and R. D. Westbrook, Cleveland, Ohio, assignors to Union Carbide and Carbon Corporation. Cooling apparatus for blast furnace hearths. 2,673,083, Mar. 23.
- MacPherson, Howard R., $\frac{1}{2}$ to F. J. Dudley. 2,682,844, Cl. 112—139.
- Macpherson, Peter C.: See—Clegg, Robert S., and Macpherson. 2,689,143.
- Macpherson, Robert B., to Trico Products Corp. 2,684,660, Cl. 121—97.
- Macrides, Philip C., to Cluett, Peabody & Co., Inc. 2,694,202, Cl. 2—115.
- MacSorley, Olin L., to Radio Corp. of America. 2,691,733, Cl. 250—36.
- MacVeigh, James: See—Gassner, Alfred A., and MacVeigh. 2,685,846.
- Parsons, George B., Anderson, and MacVeigh. 2,697,990.
- MacVeigh, James, to Patentes Talgo, S. A. 2,687,099, Cl. 105—4.
- Macy, James C., to Aircraft-Marine Products Inc. Re. 23,869, Cl. 287—76.
- Macy, James C., Westfield, and J. J. Kusiv, Newark, N. J., assignors, by mesne assignments, to Universal Winding Company, Providence, R. I. Lacing apparatus. 2,665,652, Jan. 12.
- Macy, Rudolph, Baltimore, Md., assignor to the United States of America as represented by the Secretary of War. Stabilization of Levinstein mustard gas. 2,672,484, Mar. 16.
- Maczynski, Jerzy M., assignor to Northern Industrial Products. 2,676,568, Cl. 120—17.
- Madalon, John. 2,689,732, Cl. 272—31.
- Madaras Corp.: See—Madaras, Julius D. 2,688,535.
- Madaras, Julius D., to Madaras Corp. 2,688,535, Cl. 75—48.
- Maddaford, John S., assignor to Gimson & Co. (Leicester) Limited. 2,675,011, Cl. 134—79.
- Madden, James J., to Bell Telephone Laboratories, Inc. 2,696,656, Cl. 29—33.
- Madden, Thomas J., Belleville, N. J. Burnishing device for the fingernails. 2,672,148, Mar. 16.
- Madden, Wilson H. 2,680,557, Cl. 229—38.
- Maddocks, Harmon R., assignor to Maddocks Potato Products Inc. 2,678,599, Cl. 99—405.
- Maddocks Potato Products Inc., assignee: See—Maddocks, Harmon R. 2,678,599.
- Maddux, Cortez F. 2,679,301, Cl. 184—1.
- Madeira, John R., assignor to Goodman Manufacturing Company. 2,677,453, Cl. 198—57.
- Mader, Emil A., assignor of one-half to J. Spargo, Detroit, Mich. Combined fluid impeller and self-sealing closure. 2,673,681, Mar. 30.
- Mader, Joseph. 2,684,740, Cl. 192—49.
- Mader, Stewart S.: See—Silven, Herbert A., and Mader. 2,674,831.
- Silven, Herbert A., and Mader. 2,693,062.
- Mader, Stewart S., to Norton Co. 2,693,059, Cl. 51—105.
- Mader, Stewart S., and H. A. Silven, to Norton Co. 2,693,060, Cl. 51—105.
- Madey, Richard, assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,677,759, Cl. 250—27.
- Madigan, John J. 2,693,539, Cl. 307—10.
- Madison, Earle H., $\frac{1}{2}$ to J. L. Madison. 2,691,386, Cl. 137—400.
- Madison, June L.: See—Madison, Earle H. 2,691,386.
- Madison, Knowles K., A. W. Bull, and A. J. Saulino, to United States Rubber Co. 2,695,424, Cl. 18—45.
- Madland, Gabriel, to The Youngstown Steel Door Co. 2,686,481, Cl. 105—418.
- Madli, Alain M., deceased, by D. H. Madli, administratrix, to Briggs & Stratton Corp. 2,696,567, Cl. 310—42.
- Madli, Dorothy H.: See—Madli, Alain M. 2,696,567.
- Madrid, David: See—Wormser, Paul, and Madrid.
- Madsen, Berthel F., assignor to Teletype Corporation, Chicago, Ill. Line feed mechanism. 2,667,256, Jan. 26.
- Madsen, Berthel F., to Teletype Corp. 2,697,505, Cl. 197—165.
- Madsen, Dean J.: See—Hall, John M., Andrews, Madsen, and McConnell. 2,685,794.
- Madsen, Emil S.: See—Larsen, Lewis, and Madsen.
- Madsen, Holger T. 2,696,924, Cl. 214—80.
- Madsen Iron Works, Inc.: See—Madsen, Walter M. 2,684,267.
- Madsen, Royal G., M. E. Stickney, and R. C. Hawes, to Beckman Instruments, Inc. 2,698,410, Cl. 318—162.
- Madsen, Walter M. 2,678,110, Cl. 183—85.
- Madsen, Walter M., to Madsen Iron Works, Inc. 2,684,267, Cl. 299—58.
- Maerz, Henry, assignor to Self Winding Clock Company, Inc., Brooklyn, N. Y. Clock setting mechanism and circuit. 2,672,008, Mar. 16.
- Maes, Aurelius. 2,679,693, Cl. 33—174.
- Maeser, Mieth, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Spraying apparatus for shoe sole margins. 2,666,413, Jan. 19.
- Maeser, Mieth, to United Shoe Machinery Corp. 2,688,367, Cl. 164—19.
- Maestas, Thomas E., $\frac{1}{2}$ to Doenges-Long Motors, Inc. 2,689,648, Cl. 209—131.
- Maffucci, Daniel J., San Francisco, Calif. Combination form for washing woolen socks. 2,665,041, Jan. 5.
- Mafko, Rudolf, Wilmington, Del., assignor to Bayshore Industries, Inc., Elkton, Md. Face mask. 2,666,204, Jan. 19.
- Mafko, Rudolf, Wilmington, Del., assignor to Bayshore Industries, Inc., Elkton, Md. Face mask. 2,666,205, Jan. 19.
- Mafko, Rudolf, Wilmington, Del., assignor to Bayshore Industries, Inc., Elkton, Md. Face mask. 2,666,206, Jan. 19.
- Magaard, Hans, and P. A. Hagen, Willmar, Minn., assignors to National Products Co. Hen's nest. 2,673,550, Mar. 30.
- Magalos, Arthur C.: See—Vore, Herbert G., and Magalos.
- Magarinos, Joseph: See—English, John P., and Magarinos.
- Magee Carpet Co., The: See—Groat, Francis P.
- Groat, Francis P. 2,674,269.
- Groat, Francis P. 2,691,390.
- Magee, Kenneth L., to J. I. Case Co. 2,689,443, Cl. 56—224.
- Magee, Kenneth L., to J. I. Case Co. 2,695,504, Cl. 64—23.
- Magee, Paul H., Rockville, Md. Antibacklash attachment for fishing reels. 2,672,302, Mar. 16.
- Mageoch, Nelson H.: See—Haines, John R., and Mageoch. 2,678,705.
- Mager, Eric L., and E. F. Lowry, to Sylvania Electric Products Inc. 2,684,450, Cl. 313—108.
- Mager & Gougelman, Inc.: See—Gougelman, Paul R. 2,692,391.
- Magerkurth, Wilhelm A., and H. E. Buecken, to National Rubber Machinery Co. Re. 23,839, Cl. 18—12.

- Magerlein, Barney J.: *See*—
 Levin, Robert H., and Magerlein. 2,674,606.
 Levin, Robert H., Magerlein, and Hanzel.
 Myers, Donald R., Magerlein, and Staffen. 2,678,950.
 Weisblat, David I., Magerlein, Myers, Hanzel, and Rolfson.
 Weisblat, David I., Magerlein, Myers, and Rolfson. 2,697,719.
 Weisblat, David I., Magerlein, and Rolfson. 2,674,618.
- Magerlein, Barney J., assignor to The Upjohn Company, Kalamazoo, Mich. 3,11 alpha, 20-triacetyloxy-3,17(20)-pregnadienes and process. 2,668,817, Feb. 9.
- Magerlein, Barney J., and R. H. Levin, to The Upjohn Co. 2,686,793, Cl. 260—397.45.
- Maggio, John B., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Limiter amplifier circuit. 2,669,654, Feb. 16.
- Magie Chef, Inc.: *See*—
 Brodbeck, Almer H.
 Brodbeck, Almer H. 2,682,263.
 Reinhart, Harold C. 2,682,303.
- Magic Seal, Inc., assignee: *See*—
 Rand, Henry J.
- Magill, Donald G.: *See*—
 Allen, Malcolm C., and Magill. 2,690,288.
- Magill, Harold H., Oak Park, and C. N. Rector, Chicago, Ill., said Rector assignor to said Magill. Electrical safety control mechanism for electric locomotives. 2,671,878, Mar. 9.
- Maginnis, Glen D. 2,673,983, Cl. 2—157.
- Magline, Inc.: *See*—
 Law, Don C. 2,687,142.
- Magna Engineering Corporation, assignee: *See*—
 Edgemond, John W., Jr.
- Magnaflux Corp.: *See*—
 Dehn, George L. C., and Crenshaw. 2,682,032.
 De Forest, Taber, and Staats. 2,678,420.
 Dunsheath, Thomas J. 2,678,421.
- Magnan, Lucien, and H. Switzman, Montreal, Quebec, Canada. Sliding hook. 2,670,168, Feb. 23.
- Magnani, Alessandro, Broni, Italy, assignor of one-half to F. L. Smidth & Co. A/S, Copenhagen, Denmark. Apparatus for feeding reinforcing elements for incorporation in cementitious sheets. 2,672,076, Mar. 16.
- Magnani, Alessandro, to F. L. Smidth & Co. A/S. 2,698,097, Cl. 214—1.
- Magnatex Limited, assignee: *See*—
 Tomlin, Robert D.
- Magnavox Company, The, assignee: *See*—
 Freimann, Frank, Hart, and Knox.
 Martin, Norman F.
- Magnesium Elektron Ltd.: *See*—
 Doyle, William M. 2,698,230.
- Magnesium Products of Milwaukee, assignee: *See*—
 Finlayson, Thomas R., and Lee. 2,674,252.
- Magnetthermic Corporation, assignee: *See*—
 Lackner, Robert V., Logan, and Winkle. 2,676,234.
- Magnolia Petroleum Co.: *See*—
 McDonald, Daniel T., and Hickman. 2,685,493.
- Magnus, Finn H., and C. J. Obst, to Magnus Harmonica Corp. 2,693,843, Cl. 154—1.
- Magnus Harmonica Corp.: *See*—
 Eus, Emil J. 2,677,993.
 Magnus, Finn H., and Obst. 2,693,843.
 Obst, Charles J. 2,687,058.
- Magnuson, Clarence E., and D. V. Waters, to Western Electric Co., Inc. 2,682,997, Cl. 242—25.
- Magnuson, Roy M., assignor to Powder-Power Tool Corporation. 2,677,823, Cl. 1—44.5.
- Magnuson, Roy M., and R. K. Daugherty, to S. D'Arrigo. 2,682,288, Cl. 146—82.
- Magnuson, Roy M., and M. D. Donovan, to S. D'Arrigo. 2,685,771, Cl. 53—98.
- Magnuson, Roy M., and R. K. Daugherty, said Daugherty assignor to said Magnuson. 2,687,204, Cl. 198—31.
- Magnuson, Willard C., A. D. Palcich, and C. A. Weseman, said Palcich and said Magnuson assignors to said Weseman. 2,674,858, Cl. 62—3.
- Magos, John P., and G. E. Hansen, to Crane Co. 2,689,145, Cl. 286—33.
- Magoun, George L.: *See*—
 Beaver, David J., and Magoun.
- Magri, Ralph J. Jr., to Corhart Refractories Co. 2,690,974, Cl. 106—59.
- Magyar, John A., Maple Heights, Ohio. Chair and table combination. 2,667,207, Jan. 26.
- Magyar, Nicholas W.: *See*—
 Burkhard, William C., Jr., and Magyar.
 Burkhard, William C., Jr., and Magyar. Re. 23,894.
- Mahan, John E., to Phillips Petroleum Co. 2,689,867, Cl. 260—563.
- Mahan, John E., and A. C. Rothlisberger, to Phillips Petroleum Co. 2,682,545, Cl. 260—332.1.
- Mahan, John E., and S. D. Turk, to Phillips Petroleum Co. 2,688,619, Cl. 260—256.4.
- Mahan, John E., and S. D. Turk, to Phillips Petroleum Co. 2,695,292, Cl. 260—256.4.
- Maher, William W., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Liquid adhesive applying mechanism with piston feed. 2,667,138, Jan. 26.
- Maher, William W., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Machine for applying uniting materials to articles and for assembling them. 2,672,837, Mar. 23.
- Maher, William W., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Sheet cutting machine. 2,672,931, Mar. 23.
- Mahler, Joseph, assignor to American Optical Company. 2,674,156, Cl. 88—29.
- Mahon, R. C., Co., The: *See*—
 Bingman, Frederick P.
 Bingman, Frederick P. 2,694,466.
 Janacek, Louis J. 2,677,368.
- Mahone, Moses L. 2,679,283, Cl. 155—30.
- Mahoney, Donald G.: *See*—
 Harris, James E., McShurley, and Mahoney. 2,693,012.
 McShurley, Marshall D., and Mahoney. 2,689,124.
- Mahoney, John F.: *See*—
 Emanuel, Walter A., Sweeney, and Mahoney.
- Mahoney, John R., to the United States of America as represented by the United States Atomic Energy Commission. 2,689,309, Cl. 250—83.6.
- Mahoney, Joseph A., New York, and W. T. Rea, Manhasset, N. Y., and C. B. Sutliff, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph repeater. 2,667,537, Jan. 26.
- Mahoney, Richard W., Elizabeth, assignor to Merck & Co., Inc., Rahway, N. J. Adjustable spout and cap device for the sealing and dropwise dispensing of fluids. 2,665,826, Jan. 12.
- Mahood, George P., to Bethlehem Steel Co. 2,690,316, Cl. 246—468.
- Mahr, Carl W. 2,687,576, Cl. 33—179.5.
- Mahr, Julius A., to H. R. Nielsen. 2,689,158, Cl. 311—87.
- Mai, George W., assignor to Gaylord Container Corporation. 2,680,558, Cl. 229—51.
- Maico Co., Inc., The: *See*—
 Watson, Leland A. 2,696,527.
- Maid-O'-Mist, Inc.: *See*—
 Woolley, William J. 2,697,444.
- Maier, Albert, and J. Kiechle, to Zahnradfabrik Friedrichshafen, Aktiengesellschaft. 2,690,680, Cl. 74—368.
- Maier, August R., to United States Steel Corp. 2,682,433, Cl. 308—3.
- Maier, Bernard C. 2,692,150, Cl. 280—478.
- Maier, Stanley G. 2,690,729, Cl. 116—112.
- Maiese, Michael R., to American Home Products Corp. 2,694,664, Cl. 167—55.
- Mailander, Norman G., assignor to S. C. Johnson & Son, Inc., Racine, Wis. Water-repelling composition. 2,669,524, Feb. 16.
- Mailander, Norman G., assignor to S. C. Johnson & Son, Inc., Racine, Wis. Water-repelling composition. 2,670,303, Feb. 23.
- Maillard, Bernard, assignor to the Society "Brevets Aero Mecaniques," S. A., Geneva, Switzerland. Belt feed for firearms. 2,669,160, Feb. 16.
- Maillard, Bernard, to Brevets Aero-Mecaniques, S. A. 2,697,381, Cl. 89—33.
- Maillard, Jean, Paris, France. Machine for the manufacture of hollow glass articles. 2,668,395, Feb. 9.
- Main, Charles E., Akron, Ohio. Combined closure cap and brush dispenser. 2,669,740, Feb. 23.
- Main, James W., assignor to Container Corporation of America. 2,675,166, Cl. 229—38.
- Main, James W., to Container Corp. of America. 2,689,077, Cl. 229—14.
- Main, James W., to Container Corp. of America. 2,690,285, Cl. 229—15.
- Main Products Corp.: *See*—
 Seiler, Arthur J. 2,696,865.
- Main, Robert C., to Robertshaw-Fulton Controls Co. 2,684,811, Cl. 236—94.
- Mainusch, Harald: *See*—
 Purdy, Rolland M., and Mainusch. 2,681,220.
- Maisel, Daniel S., assignor to Standard Oil Development Company. 2,676,912, Cl. 202—39.5.
- Maish, George O.: *See*—
 Nieman, Henry W., and Maish. 2,692,003.
- Maisner, Herman, to Aerojet-General Corp. 2,690,964, Cl. 52—13.
- Maission, Azniv D., Philadelphia, Pa. Dairy product and process. 2,671,025, Mar. 2.
- Majer, Frank G.: *See*—
 Knopp, Harold E., and Majer. 2,694,773.
- Majeski, Jerome A., 1/2 to B. L. Roether. 2,683,310, Cl. 30—206.
- Majik-Ironers, Inc., assignee: *See*—
 Foster, Edwin E.
 Foster, Edwin E. 2,679,415.
- Majkrzak, Charles P.: *See*—
 De Santis, Vincent J., Hunter, and Majkrzak. 2,681,876.
- Major, Frederick A., St. Louis, Mo. Toy lariat. 2,669,221, Feb. 16.
- Major, Frederick W., Hull, and H. M. Stanley, Tadworth, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of pimelic acid. 2,673,219, Mar. 23.
- Major, Joseph. 2,684,623, Cl. 98—116.
- Makara, Frank, Seaford, N. Y. Audio mask. 2,672,864, Mar. 23.

- Maki, Mark W. : *See*—
 Miller, William F., Cunningham, and Maki. 2,682,740.
 Miller, William F., Cunningham, and Maki. 2,690,040.
 Makous, Lawrence, assignor to A. O. Smith Corporation. 2,675,931, Cl. 214—17.
 Makres, George : *See*—
 Kastrin, Mathew, and Makres. 2,679,965.
 Malachick, Joseph A. 2,683,063, Cl. 302—17.
 Malakoff, Howard L. : *See*—
 Willke, Louis G., Malm, and Malakoff.
 Malavazos, Arthur J. : *See*—
 Hopkins, George W., and Malavazos. 2,681,765.
 Hopkins, George W., Malavazos and Rolph. 2,681,767.
 Taylor, Lawrence B., Malavazos, Davis, and Bergfelt. 2,692,084.
 Malco, Leo C. 2,690,791, Cl. 155—115.
 Malcolmson, Robert S. : *See*—
 Denkwalter, Robert G., Malcolmson, and Hughey. 2,678,900.
 Maldague, Pierre E. J. M., to Societe Anonyme John Cockerill. 2,686,044, Cl. 257—224.
 Maldari, Donato. 2,677,335, Cl. 107—14.
 Malec, Jerry P. 2,687,120, Cl. 123—25.
 Malerme, Paul E. 2,674,343, Cl. 184—7.
 Malerme, Paul E. 2,674,344, Cl. 184—7.
 Malgieri, Anthony, Jr., assignor to Westinghouse Electric Corporation. 2,675,671, Cl. 60—39.08.
 Malherbe, Roger F. D. : *See*—
 Navarre, Roger F. D. (dit Malherbe).
 Malhot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Conveying and transferring mechanism. 2,667,958, Feb. 2.
 Malhot, Clarence J., assignor to F. B. Redington Co. 2,680,545, Cl. 226—2.
 Malhot, Clarence J., to F. B. Redington Co. 2,694,350, Cl. 93—53.
 Malhot, Clarence J., to F. B. Redington Co. 2,696,941, Cl. 226—95.
 Malick, Emil A. : *See*—
 De Boisblanc, Deslonde R., and Malick. 2,688,875.
 Malick, Emil A., assignor to Phillips Petroleum Company. 2,674,091, Cl. 60—39.77.
 Malick, Emil A., to Phillips Petroleum Co. 2,685,168, Cl. 60—39.72.
 Malick, Emil A., to Phillips Petroleum Co. 2,696,831, Cl. 137—505.
 Malick, Franklin S. 2,675,513, Cl. 318—347.
 Malick, Franklin S., assignor, by mesne assignments, to United States of America as represented by the Secretary of the Navy. 2,675,900, Cl. 192—84.
 Malick, Franklin S., assignor to Westinghouse Electric Corporation. 2,677,088, Cl. 318—257.
 Malin, Jay B., to The Texas Co. 2,694,003, Cl. 48—196.
 Malin, Murray E. : *See*—
 Kistiakowsky, George B., Halsey, Malin, and Knight. 2,690,960.
 Malina, Frank J., and J. W. Parsons, to Aerojet-General Corp. 2,693,077, Cl. 60—35.4.
 Malinowski, Theodore P., and C. G. Trudeau, to Monsanto Chemical Co. 2,688,774, Cl. 18—55.
 Malkoff, Hyman, assignor to Kramer Trenton Company, Trenton, N. J. Evaporator construction for heat exchange systems. 2,669,099, Feb. 16.
 Mall, Arthur W., A. Hesse, and N. Sherwood, assignors to Mall Tool Company. 2,678,667, Cl. 143—32.
 Mall Tool Co. : *See*—
 Dodegge, Carl. 2,696,044.
 Doeden, Roland E. 2,678,637.
 Mall, Arthur W., Hesse, and Sherwood. 2,678,667.
 Mallabar, Herbert J., Watford, England, assignor to Oxford Corporation, Dayton, Ohio. Manufacture of decorative laminiae. 2,668,124, Feb. 2.
 Malleable Iron Fittings Co. : *See*—
 Jenne, Kenneth C. 2,698,151.
 Malliaris, Andrew D. 2,697,540, Cl. 220—117.
 Mallinckrodt, Charles O., to Bell Telephone Laboratories, Inc. 2,695,956, Cl. 250—27.
 Mallinckrodt Chemical Works : *See*—
 Homeyer, August H., De La Mater, and Cochran. Stoughton, Roger W.
 Wallingford, Vernon H. 2,677,304.
 Wallingford, Vernon H. 2,680,133.
 Wallingford, Vernon H., Mackey, and Kelley. 2,687,838.
 Mallinckrodt, George E. 2,680,430, Cl. 123—11.
 Mallinckrodt, George E. 2,686,882, Cl. 310—8.5.
 Mallinckrodt, George E. 2,687,609, Cl. 60—16.
 Mallinson, Dennis H., and W. G. E. Lewis, assignors to Power Jets (Research and Development) Limited. 2,675,673, Cl. 60—39.16.
 Mallory, George R. 2,676,828, Cl. 292—263.
 Mallory, Marion, assignor to The Mallory Research Company. 2,674,401, Cl. 230—56.
 Mallory, Marion. 2,677,855, Cl. 18—59.
 Mallory, Marion. 2,678,032, Cl. 123—46.
 Mallory, Marion, to The Mallory Research Co. 2,696,343, Cl. 230—48.
 Mallory, Marion. 2,696,534, Cl. 200—30.
 Mallory, P. R., & Co., Inc. : *See*—
 Aust, Robert J.
 Grubel, Ralph O., and Busch.
 Huetten, Clarence. 2,682,594.
 Larsen, Earl L., Doty, and Williams.
 Schoch, Henry B. 2,674,646.
 Mallory Research Co., The : *See*—
 Mallory, Marion. 2,674,401.
 Mallory, Marion. 2,696,343.
 Mallory-Sharon Titanium Corporation, assignee : *See*—
 Dickinson, Robert H., and Busch.
 Mallory, Sterling D. 2,675,948, Cl. 223—98.
 Mallow, Robert J., and F. W. Stradtman, assignors to Pressed Steel Car Company, Inc. 2,677,452, Cl. 198—33.
 Malloy, James E., Bridgeport, assignor to The Stanley Works, New Britain, Conn. Electrical steel. 2,672,429, Mar. 16.
 Malloy, Paul J. : *See*—
 Malloy, Paul V. and P. J. 2,677,535.
 Malloy, Paul V. and P. J. 2,677,535, Cl. 262—1.
 Mally, George G., assignor to Bundy Tubing Company, Detroit, Mich. Device for cooling bonded tubing. 2,668,510, Feb. 9.
 Mally, John P., to Powers Chemco, Inc. 2,695,846, Cl. 95—88.
 Malm, Carl J., and R. F. Williams, assignors to Eastman Kodak Company, Rochester, N. Y. Stabilized cellulose ester composition and preparing it. 2,670,302, Feb. 23.
 Malm, Carl J., and C. L. Crane, assignors to Eastman Kodak Company. 2,675,377, Cl. 260—215.
 Malm, Ignace L. : *See*—
 Willke, Louis G., Malm, and Malakoff.
 Malm, Lawrence L., to Industrial Rayon Corp. 2,684,728, Cl. 183—2.5.
 Malone Bronze Powder Works Inc., assignee : *See*—
 Halberstadt, Joseph.
 Malone, Harold L. : *See*—
 Ameele, Peter, and Malone. 2,685,668.
 Malone, Harold L., and E. S. Marvin, assignors to Eastman Kodak Company, Rochester, N. Y. Two-blade and cover blind shutter. 2,669,917, Feb. 23.
 Malone, Herbert E., and F. B. Rinck, to Western Electric Co., Inc. 2,688,569, Cl. 117—75.
 Malone, Homer E., assignor to Perfex Corporation. 2,676,221, Cl. 200—67.
 Malone, Homer E., to Perfex Corp. 2,687,610, Cl. 60—23.
 Malone, Homer E., to Perfex Corp. 2,691,712, Cl. 200—166.
 Malone, Homer F., to The Wilcolator Co. 2,681,395, Cl. 200—113.
 Malone, Ralph A. : *See*—
 Lincoln, Clovis W., Zeigler, and Malone. 2,696,127.
 Maloney, James J. 2,692,719, Cl. 227—14.
 Maloney, Joseph V. 2,698,082, Cl. 206—0.5.
 Malpede, Albert J. : *See*—
 Vani, James, and Malpede. 2,676,600.
 Malsbary, James S., to Wagner Electric Corp. 2,684,009, Cl. 88—14.
 Maltbie Laboratories, Inc. : *See*—
 Walter, Lewis A. 2,684,962.
 Maltby, Frederick L. : *See*—
 Dion, Warren E., Don, and Maltby. 2,691,889.
 Kelley, Joseph B., and Maltby. 2,677,094.
 Maltby, Frederick L., assignor to The Bristol Company. 2,677,093, Cl. 321—49.
 Maltby, Frederick L., and J. B. Kelley, assignors to The Bristol Company. 2,677,095, Cl. 321—49.
 Malter, Louis, to Radio Corp. of America. 2,688,713, Cl. 315—261.
 Malter, Louis, to Radio Corp. of America. 2,697,206, Cl. 332—57.
 Malthaner, William A. : *See*—
 Dunlap, Kermit S., and Malthaner.
 Holbrook, Bernard D., Malthaner, and Vaughan. 2,696,599.
 Malthaner, William A., and D. H. Ring, assignors to Bell Telephone Laboratories, Incorporated. 2,675,538, Cl. 340—149.
 Maltner, Hermann. 2,696,407, Cl. 299—88.
 Malutich, Harry S., to General Electric Co. 2,688,794, Cl. 29—157.3.
 Maly, Frank B., to Vulcan Corp. 2,681,672, Cl. 144—309.
 Maly, Lucille. 2,690,748, Cl. 128—168.
 Mammen, Howard E. : *See*—
 Bloch, Herman S., Hoffman, and Mammen. 2,677,702.
 Bloch, Herman S., and Mammen. 2,691,040.
 Mamock, Paul O. 2,696,754, Cl. 88—29.
 Manchan, Louis. 2,679,935, Cl. 269—235.
 Manchester, Clyde C., Stryker, Ohio. Tubular cleat wrench with circumferentially spaced gripping teeth. 2,667,095, Jan. 26.
 Manchester, Rowe G. : *See*—
 Bissot, Joseph E. 2,695,807.
 Manchester, Rowe G. 2,695,808, Cl. 292—341.18.
 Manco Mfg. Co. : *See*—
 Northcutt, Walter E. 2,688,231.
 Manczur, John. 2,686,701, Cl. 311—17.
 Mandato, Dominick, Jr. : *See*—
 Phelps, James C., Mandato, and Spencer.
 Mandaville, Gurney L., Fort Pierce, Fla. Stereoscopic device. 2,664,885, Jan. 5.
 Mandel, Hyman J. : *See*—
 Fischbach, Adolph, and Mandel. 2,692,905.
 Mandel, Paul, assignor to La Radio-Industrie S. A., Paris, France. Electric signal encoder. 2,667,633, Jan. 26.
 Mandella, Amelia M. 2,681,697, Cl. 160—19.
 Mander, Horace W. 2,676,493, Cl. 74—202.
 Manetti, Mario J., Chicago, assignor to E. G. Gantner, Morton Grove, Ill. Dispensing device and mounting plate therefor. 2,673,056, Mar. 23.

- Maneval, Ralph (Ralf) V., assignor to A. W. Faber-Castell Pencil Co., Inc. 2,679,460, Cl. 106—19.
- Maneval, Rex W., Frankfort, Kans. Aircraft control. 2,673,697, Mar. 30.
- Manfredi, Dario, and A. Raiti, New York, N. Y. Parachute safety release. 2,665,093, Jan. 5.
- Mang, Gérard. 2,685,014, Cl. 200—138.
- Mang, Otto A.: *See*—
- Mang, Robert C. 2,686,464.
- Mang, Robert C., $\frac{1}{2}$ to O. A. Mang. 2,686,464, Cl. 97—40.
- Manganese Chemicals Corp.: *See*—
- Babbitt, Bernard R., and Kunz. 2,690,431.
- Mangano, Philip D., Providence, R. I. Inanimate cow milk dispenser. 2,670,102, Feb. 23.
- Manger, Charles F.: *See*—
- Deans, Frederick E., and Manger. 2,685,186.
- Manger, Charles F., assignor to The Bentley Engineering Company Limited, Leicester, England. Yarn furnishing device. 2,667,266, Jan. 26.
- Mangham, Jesse R.: *See*—
- Boyer, William P., and Mangham. 2,678,940.
- Mangie, Louis M. 2,683,640, Cl. 311—103.
- Mangrum, Richard L. 2,678,737, Cl. 214—17.
- Mangrum, Richard L. 2,678,738, Cl. 214—17.
- Mangum, James N., and F. R. Raley, assignors of $\frac{1}{2}$ to said Mangum and $\frac{1}{2}$ to W. D. Powers. 2,679,905, Cl. 166—18.
- Mangus, Harold S., $\frac{1}{2}$ to Foster Lumber Co. 2,698,196, Cl. 292—300.
- Manhartsberger, Albert, to Worcester Pressed Steel Co. 2,688,428, Cl. 226—20.6.
- Manhein, Karl, Eyn Ayala, near Haifa, and P. Gamsz, Naharia, Israel. Separable garment and sleeping bag combination. 2,670,470, Mar. 2.
- Mankin, Paul A., assignor to Bowser, Inc., Fort Wayne, Ind. Liquid filter. 2,669,359, Feb. 16.
- Mankowich, Ivan, Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Preparation of ketone-diarylamine condensates. 2,666,792, Jan. 19.
- Mankowich, Ivan, Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Preparation of ketone-diarylamine condensates. 2,666,793, Jan. 19.
- Manley, John C., Barrington, R. I., assignor, by mesne assignments, to Reconstruction Finance Corporation, Boston, Mass. Electronic signal responsive circuit having presettable count means. 2,669,390, Feb. 16.
- Manley, Robert T.: *See*—
- Menning, Ralph H., Manley, and Pratt.
- Manley, Warren O., to C. E. Hovey. 2,688,242, Cl. 68—173.
- Mann, Alan N., assignee: *See*—
- De Jahn, Fredrik W.
- Mann, Ann S. V., Petersburg, Va. Beauty mask. 2,671,446, Mar. 9.
- Mann, Arvin W., Fort Lauderdale, Fla. Pin centering and paralleling instrument. 2,669,780, Feb. 23.
- Mann, Fred A., Jr., South Bend, Ind. Laundry shaker and conditioner. 2,666,271, Jan. 19.
- Mann, Frederic R., trustee, assignee: *See*—
- Apgar, Charles W. 2,678,716.
- Mann, Frederick A., Jr. 2,677,900, Cl. 34—225.
- Mann, John J., Milwaukee, Wis., and J. A. McDonnell, assignors to Mazeko Enterprises, Inc., New York, N. Y. Apparatus for implanting hair in manikins, dolls, and the like. 2,667,879, Feb. 2.
- Mann, Julius W., and G. F. Russell. 2,678,897, Cl. 154—126.5.
- Mann, Ralph J.: *See*—
- Walker, Eric E., Mann, and Levers. 2,675,337.
- Mann, Rosie H., executrix: *See*—
- Hirschhorn, Louis.
- Mann, Theodore C., and D. E. Johnson, assignors to Ekstrom-Carlson & Co. 2,675,837, Cl. 144—2.
- Manne, Richard S., assignor, by mesne assignments, to Standard Oil Development Company. 2,674,637, Cl. 260—683.4.
- Manners, Maurice: *See*—
- Busby, Terence S., Manners, and Partridge. 2,675,323.
- Mannes, Ludwig: *See*—
- Grunthal, Erich, and Mannes. 2,686,191.
- Manning, Dana C.: *See*—
- Krulikowski, Stanley J., Jr., Manning, and Clayton. 2,674,691.
- Manning, Fred W. 2,687,363, Cl. 154—101.
- Manning, George, to West Point Mfg. Co. 2,689,692, Cl. 242—120.
- Manning, John, and W. H. MacLennan, to Imperial Chemical Industries Ltd. 2,687,946, Cl. 23—177.
- Manning, John, and W. H. MacLennan, to Imperial Chemical Industries Ltd. 2,687,947, Cl. 23—177.
- Manning, Margaret W., administratrix: *See*—
- Evans, Ronald K., and Manning. 2,674,988.
- Manning, Maxwell & Moore, Inc.: *See*—
- Beck, Rudolf. 2,693,112.
- Roper, Charles G. Re. 23,850.
- Manning, Maxwell & Moore, Incorporated, assignee: *See*—
- Beck, Rudolf, and Belpedio.
- Roper, Charles G., and Roberts. 2,678,661.
- Manning, Oscar. 2,689,151, Cl. 299—136.
- Manning, Prentice H., deceased; T. H. Manning, executrix. 2,674,226, Cl. 119—48.
- Manning, Prentice H., deceased; T. H. Manning, executrix. 2,692,578, Cl. 119—48.
- Manning, Therese H., executrix: *See*—
- Manning, Prentice H. 2,674,226.
- Manning, Prentice H. 2,692,578.
- Manning, William H.: *See*—
- Evans, Ronald K., and Manning. 2,674,988.
- Manning, Zeno C., San Francisco, Calif. Cigar and cigarette extinguisher. 2,667,878, Feb. 2.
- Mannion, James V., to Trinity Equipment Corp. 2,681,034, Cl. 116—117.
- Mannion, John F., trustee: *See*—
- Barrett, Edward L. 2,684,396.
- Barrett, Edward L. 2,692,745.
- Manno, Salvatore J., Brooklyn, N. Y. Combined power can opener and agitator. 2,672,326, Mar. 16.
- Manns, William F.: *See*—
- McClellan, Marcus E., Skromme, Manns, and Bright.
- Manoloff, Nick. 2,681,979, Cl. 240—6.42.
- Manown, Wilson E.: *See*—
- Bitzer, Robert E., Manown, and Loy.
- Manpoh, Masaaki, Kyoto, Japan, assignor to Hunt Manpoh and Company, Klondike, Tex. Fire alarm. 2,673,270, Mar. 23.
- Manseau, David O. 2,693,391, Cl. 299—95.
- Man-Sew Corporation: *See*—
- Sigoda, Victor J.
- Sigoda, Victor J. Re. 23,831.
- Sigoda, Victor J. 2,683,488.
- Sigoda, Victor J. 2,683,600.
- Mansfield, Norman H.: *See*—
- Housh, Cecil N., Robishaw, Fair, and Mansfield. 2,676,033.
- Mansfield Sanitary Pottery, Inc., assignee: *See*—
- Smith, Harry F.
- Smith, Harry F. 2,681,662.
- Smith, Harry F. 2,693,601.
- Mansir, Wesley W.: *See*—
- Schuler, Frederic W., Mansir, and Di Pietro.
- Manske, Richard H. F.: *See*—
- Kulka, Marshall, and Manske.
- Manson, Harry G., Jr., assignor to Hansen Manufacturing Company, Inc. 2,678,855, Cl. 308—121.
- Manson, John F. 2,685,269, Cl. 114—219.
- Manson, Walter J.: *See*—
- Kenmore, Herbert, and Manson. 2,680,710.
- Mantelet, Jean, to "Le Moulin-Legumes" Manufacture d'Emboutissage de Bagnolet (M. E. B.) Anciens Etablissements Mantelet et Boucher (Societe Anonyme). 2,690,307, Cl. 241—168.
- Mantelet, Jean, to "Le Moulin Legumes" Manufacture d'Emboutissage de Bagnolet (M. E. B.) Anciens Etablissements Mantelet et Boucher (Societe Anonyme). 2,690,881, Cl. 241—152.
- Mantell, Russell M.: *See*—
- Passino, Herbert J., Teeters, and Mantell.
- Mantell, Russell M., to The M. W. Kellogg Co. 2,697,124, Cl. 260—653.
- Mantell, Russell M., H. J. Passino, and W. O. Teeters, to The M. W. Kellogg Co. 2,684,987, Cl. 260—653.
- Mantell, Russell M., and H. J. Passino, to The M. W. Kellogg Co. 2,697,026, Cl. 23—190.
- Mantermach, Bruce W., executor: *See*—
- Scheide, Lester B. 2,682,913.
- Manthey, Louis R., $\frac{2}{3}$ to S. T. Jones and A. P. Brown. 2,686,964, Cl. 30—6.1.
- Mantonya, William G., to Cummins Chicago Corp. 2,698,053, Cl. 164—111.
- Mantzell, Ernst. 2,684,938, Cl. 204—195.
- Manuel, Angelas: *See*—
- Metcalfe, Maurice E., and Manuel. 2,681,250.
- Manufacture d'Outillage pour Garages "Wilmonda": *See*—
- Poutot, Georges R. 2,680,982.
- Manufacturers Supplies Co.: *See*—
- Beck, Edwin H. 2,687,634.
- Manufacturers and Traders Trust Company, executor, assignee: *See*—
- Wilson, Frank C. 2,680,287.
- Manupello, Anthony B., to J. and R. Johnson. 2,682,298, Cl. 157—1.26.
- Manville, Charles J., to Manville Mfg. Corp. 2,691,510, Cl. 261—78.
- Manville, Charles T., Woodbury, assignor to The Seamless Rubber Company, New Haven, Conn. Syringe. 2,672,869, Mar. 23.
- Manville Mfg. Corp.: *See*—
- Manville, Charles J. 2,691,510.
- Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Belleville, N. J. Apparatus for detecting suspended matter in fluids. 2,668,284, Feb. 2.
- Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Belleville, N. J. Fluid carbon dioxide composition. 2,668,419, Feb. 9.
- Mapes, Daniel, to Specialties Development Corp. 2,681,707, Cl. 169—31.
- Maple, Ronald E. 2,687,298, Cl. 268—74.
- Maquat, Lloyd E.: *See*—
- Lomazzo, Edmund J., and Maquat. 2,678,100.
- Lomazzo, Edmund J., and Maquat. 2,682,924.
- Maragliano, Domenico: *See*—
- Marullo, Gerlande, and Maragliano. 2,689,783.
- Maragliano, Giuseppina (Busseti), heir: *See*—
- Kachkaroff, Pierre, and Guareschi. 2,678,872.

- Marano, Herbert W., Brooklyn, N. Y., assignor to Wilson-Jones Company, Chicago, Ill. Stapling machine. 2,667,637, Feb. 2.
- Marano, Herbert W., Brooklyn, N. Y., assignor to Wilson-Jones Company, Chicago, Ill. Stapling machine. 2,670,468, Mar. 2.
- Marano, Herbert W., assignor to Wilson-Jones Company. 2,678,575, Cl. 81—43.
- Marano, Herbert W., assignor to Wilson Jones Company. 2,679,723, Cl. 59—76.
- Marano, Herbert W., assignor to Wilson-Jones Company. 2,680,245, Cl. 1—3.
- Marantz, Israel H., to Columbia Cable & Electric Corp. 2,683,436, Cl. 118—320.
- Marathon Corp.: See—
- Bonini, John H. 2,678,770.
- Farrell, Robert A.
- Luebke, Jerome J. 2,688,277.
- Mueller, William G. 2,690,206.
- Mueller, William G., Cherepow, Bartes, and Klause. 2,692,074.
- Showers, Robert E. 2,688,276.
- Wauda, George E. 2,677,493.
- Wauda, George E. 2,683,529.
- Zimmerman, Donald R. 2,675,957.
- Marberg, Edwin H., Chicago, Ill. Collapsible tube and holder therefor. 2,672,258, Mar. 16.
- Marble, Harold A., Burlingame, assignor to International Sales Company, San Francisco, Calif. Sheet metal fuel gas burner construction. 2,670,790, Mar. 2.
- Marble, Jarvis C.: See—
- Åhlén, Karl G. 2,676,497.
- Åhlén, Karl G. 2,690,053.
- Åhlén, Karl G. 2,690,054.
- Boestad, Gustav K. W., and Nilsson. 2,674,089.
- Boestad, Gustav K. W., and Persson. 2,681,208.
- Boestad, Gustav K. W., and Svenningsson. 2,696,976.
- Horney, Fredrik, and Persson. 2,678,194.
- Mudersbach, Ernst H. 2,674,898.
- Mudersbach, Ernst H. 2,681,209.
- Ödman, Tor A. 2,683,350.
- Ödman, Tor A. 2,696,743.
- Ödman, Tor A. 2,697,330.
- Trulsson, Sven I., and Nilsson. 2,680,598.
- Marcell, Thaddeus R., and C. E. Porter, Cranford, and J. H. Staib, Scotch Plains, N. J. Automatic sample cutter. 2,665,585, Jan. 12.
- Marcereou, Paul, to "Sonapar" Societe de Participation, S. A. 2,695,775, Cl. 262—22.
- March, Elliot: See—
- Fox, David, and March. 2,680,196.
- March, William K., assignee: See—
- Skillman, Claude T.
- Marchal, Raymond H.: See—
- Garnier, Henri L., and Marchal.
- Marchal, Raymond H., and M. L. Fabre, assignors to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, Paris, France. Internal-combustion engine. 2,669,984, Feb. 23.
- Marchand, Adamir, to Benrus Watch Co., Inc. 2,691,866, Cl. 58—41.
- Marchand, Adolph. 2,677,751, Cl. 240—4.1.
- Marchand, John F. 2,687,997, Cl. 210—8.5.
- Marchand, Nathan, to Technicon Cardiograph Corp. 2,684,278, Cl. 346—33.
- Marchand, Nathan, and M. Pelavin, to Technicon Cardiograph Corp. 2,689,161, Cl. 346—33.
- Marchant Calculators, Inc.: See—
- Avery, Harold T.
- Avery, Harold T. 2,689,085.
- Nolde, George V. 2,680,808.
- Nolde, George V. 2,690,302.
- Nolde, George V., and St. Clair. 2,690,303.
- Reynolds, Eugene E.
- Reynolds, Eugene E. 2,694,524.
- Marchant, Francis C. I.: See—
- Owner, Frank M., and Marchant.
- Marchant, Francis C. I., assignor to The Bristol Aeroplane Company Limited. 2,676,459, Cl. 60—39.31.
- Marchant, Francis C. I., to The Bristol Aeroplane Co. Ltd. 2,696,268, Cl. 170—135.29.
- Marchant, Francis C. I., J. E. Bell, and S. G. Hooker, to The Bristol Aeroplane Co. Ltd. 2,696,346, Cl. 230—116.
- Marchant, Francis C. I., and G. M. Lewis, to The Bristol Aeroplane Co. Ltd. 2,696,711, Cl. 60—39.14.
- Marchant, Lawrence E., Toronto, Ontario, and C. P. Farr, Swansea, Ontario, assignors to A. V. Roe Canada Limited, Malton, Ontario, Canada. Machine tool with automatically indexable rotary table. 2,671,233, Mar. 9.
- Marchant, Lawrence E., and C. P. Farr, to A. V. Roe Canada Ltd. 2,687,676, Cl. 90—13.5.
- Marchant, Lewis, and E. E. Bratton. 2,693,939, Cl. 257—3.
- Marchant, Paul A., to Injection Molding Co. 2,684,789, Cl. 222—212.
- Marcheck, Thomas W. 2,693,246, Cl. 183—51.
- Marchetti, Giovanni, San Diego, Calif. Door lock. 2,672,745, Mar. 23.
- Marchington, T. E., & Co. Ltd.: See—
- Sutton, George D., and Boothby. 2,698,218.
- Marchment, William T. 2,675,543, Cl. 340—334.
- Marchs, O. D.: See—
- Nash, Herbert T. 2,694,187.
- Marco Co., Inc.: See—
- Marco, John. 2,688,152.
- Marco, John. 2,688,470.
- Marco, Earl C., and R. J. Boardman, to The Houston-Fearless Corp. 2,681,991, Cl. 250—33.65.
- Marco, George P., to Clark Equipment Co. 2,690,533, Cl. 318—259.
- Marco Industries Co.: See—
- Harrington, Frank A. 2,681,980.
- Marco, Vincent A. 2,691,719.
- Marco, John, to Marco Co., Inc. 2,688,152, Cl. 18—4.
- Marco, John, to Marco Co., Inc. 2,688,470, Cl. 259—8.
- Marco, Vincent A., to Marco Industries Co. 2,691,719, Cl. 240—8.16.
- Marconi, John A., assignor to United States Steel Corporation. 2,680,644, Cl. 294—82.
- Marconi's Wireless Telegraph Co. Ltd.: See—
- Brandon, Percy S. 2,691,776.
- Byatt, Dennis W. G. 2,695,406.
- Cooper, Victor J.
- Cooper, Victor J. 2,693,500.
- Cooper, Victor J., and Smith. 2,689,886.
- Mortley, Wilfrid S. 2,683,810.
- Nixon, John E. A. 2,680,149.
- Nixon, John E. A. 2,685,620.
- Marconnet, Jean E. E. 2,692,596, Cl. 128—91.
- Marcot, Guy C., to American Cyanamid Co. 2,696,426, Cl. 23—200.
- Marcou, Pierre C., Paris, France. Radio relaying system. 2,671,850, Mar. 9.
- Marcouiller, Ernest J., New York, N. Y. Camera for taking photographs of body cavities. 2,665,617, Jan. 12.
- Marcroft, Jesse, Rehoboth, Mass., assignor to Universal Winding Co., Cranston, R. I. Wire guide. 2,668,017, Feb. 2.
- Marcum, Jess I., to Westinghouse Electric Corp. 2,691,775, Cl. 343—5.
- Marcus, Benjamin. 2,690,942, Cl. 311—87.
- Marcus, Carl: See—
- Grant, Richard H., and Marcus. 2,697,814.
- Marcus, Mary. 2,688,328, Cl. 128—287.
- Marcus, Maurice. 2,693,213, Cl. 150—38.
- Marcy, John P., Alhambra, Calif. Tile covered, fireproofed structural element. 2,664,739, Jan. 5.
- Marcy, John P. 2,677,520, Cl. 248—222.
- Marcy, John P. 2,681,117, Cl. 180—66.
- Marden, Carleton S.: See—
- Elliott, Fred I. 2,690,541.
- Marden, John W.: See—
- Lilliendahl, William C., Wroughton, Nagy, and Marden. 2,690,421.
- Marden, John W., East Orange, and S. V. Cuthbert, North Caldwell, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Low temperature fabrication of molybdenum and alloys thereof. 2,667,435, Jan. 26.
- Marder, Bernard. 2,686,583, Cl. 194—74.
- Maresca, Everett J., Baldwin, N. Y. Combination torch holder and paint scraper. 2,664,945, Jan. 5.
- Marfisa Baker, Inc.: See—
- Baker, James J. 2,692,993.
- Marggraf, Kurt A., and W. F. Massmann, to Ampatco Laboratories Corp. 2,690,531, Cl. 318—28.
- Margles, Samuel G., and A. Fabula, to Otis Elevator Co. 2,686,585, Cl. 198—16.
- Margolis, Louis, and H. Lichtman. 2,685,746, Cl. 34—187.
- Margon Corp.: See—
- Wolfe, Howard, and Samolewitz. 2,696,064.
- Margot, Alfred: See—
- Gysin, Hans, Margot, and Simon. 2,681,879.
- Gysin, Hans, Margot, and Simon. 2,681,914—16.
- Gysin, Hans, Margot, and Simon. 2,694,712.
- Margrave, Wilton, to The Parker Appliance Co. 2,697,620, Cl. 285—86.
- Margulies, Paul H., to Buffalo Electro-Chemical Co., Inc. 2,686,125, Cl. 99—91.
- Mariani, Frank N. 2,687,292, Cl. 265—27.
- Mariani Piazza, Jose L. 2,697,891, Cl. 41—1.
- Mariblast Corporation, assignee: See—
- Berg, Ralph R.
- Marick, Louis, to United States Rubber Co. 2,687,761, Cl. 152—349.
- Marié, Pierre G., Paris, France. Microwave dispersive mirror. 2,665,383, Jan. 5.
- Marien, Clement S., to Swank, Inc. 2,690,602, Cl. 24—97.
- Marien, Melvin W., to Ramsey Corp. 2,689,774, Cl. 309—45.
- Marien, Melvin W., Richmond Heights, assignor to Ramsey Corporation, St. Louis, Mo. Piston skirt stabilizer. 2,670,254, Feb. 23.
- Marietta, Carl B., to Clark Equipment Co. 2,690,271, Cl. 214—655.
- Marihart, Leo A., Salinas, assignor to M. P. H. Industries, Palo Alto, Calif. Agricultural machine and hoeing device therefor. 2,668,487, Feb. 9.
- Marihart, Leo A., to M. P. H. Industries. 2,682,132, Cl. 47—1.
- Marihart, Leo A. 2,690,043, Cl. 56—327.

- Maribart, Leo A. 2,692,705, Cl. 222--313.
 Marik, Edward: *See*—
 Wincentzen, Forest R., Marik, and Burns. 2,693,038.
 Marillier, René G., to "Etablissements A. Marillier." 2,685,112, Cl. 22—45.
 Marin, Juan P. 2,681,664, Cl. 139—16.
 Marindin, Frederick R., Newtown, assignor to Doran Brothers, Incorporated, Danbury, Conn. Automatic hat block chuck. 2,673,014, Mar. 23.
 Marindin, Frederick R., to Doran Brothers, Inc. 2,694,513, Cl. 223—20.
 Marine Aircraft Corp., The: *See*—
 McCarty, Lewis C., Jr., and Felio. 2,686,323.
 Marine, Olaet, assignee: *See*—
 Audemar, Pierre.
 Marine Trust Company of Buffalo, executor: *See*—
 Scinta, Anthony C., and Rappl.
 Marino, John J. 2,674,995, Cl. 128—41.
 Marisay, Robert E.: *See*—
 Morrison, Clyde W., Bonine, and Marisay.
 Marison Co.: *See*—
 Hill, Robert H. 2,682,967.
 Mark, Arthur M.: *See*—
 Chirtel, Joseph S., and Mark. 2,691,643.
 Wilson, Alexander L., and Mark. 2,683,150.
 Mark, Richard S.: *See*—
 Boyden, Robert E., Clary, Eakin, Glennie, Mark, and Parsons. 2,677,499.
 Markarian, Moushy, assignor to Sprague Electric Company. 2,680,770, Cl. 260—649.
 Markarian, Moushy, S. D. Ross, and M. Nazzewski, to Sprague Electric Co. 2,695,900, Cl. 260—87.5.
 Marke, Douglas J. B.: *See*—
 Johnstone, Cecil, and Marke. 2,695,258.
 Markel, John M., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Field tiller. 2,670,672, Mar. 2.
 Markell, Stanley, to Bausch & Lomb Optical Co. 2,688,273, Cl. 88—47.
 Market Forge Company, assignee: *See*—
 Warshaw, Nathaniel.
 Market Industries Co., Inc., assignee: *See*—
 Danziger, Philip F.
 Markett, Fred S., Jr. 2,692,953, Cl. 290—38.
 Markey, George T., to James Mfg. Co. 2,683,439, Cl. 119—52.
 Markey, Roscoe I., M. J. Frank, and H. J. Sieradzki, to Fairchild Engine and Airplane Corp. 2,696,104, Cl. 73—11.
 Markl, Arthur R. C., Louisville, Ky., assignor, by mesne assignments, to National Cylinder Gas Company, Chicago, Ill. Sphero-conically generated fitting. 2,670,224, Feb. 23.
 Markle, Robert L.: *See*—
 Ames, Esthel W., and Markle. 2,691,753.
 Markley, James M. 2,684,735, Cl. 189—62.
 Markley, Klare S., and R. O. Feuge, to the United States of America as represented by the Secretary of Agriculture. 2,686,796, Cl. 260—425.
 Markley, Richard, to Dairy Equipment Co. 2,690,061, Cl. 62—141.
 Marko, Adolf, and K. Kordesch, Vienna, Austria, assignors to Olga Burkli née Bleuler, Zurich, Switzerland. Manufacturing porous carbon electrodes. 2,669,598, Feb. 16.
 Markoski, John A.: *See*—
 Crosby, Gilmore E., and Markoski. 2,697,668.
 Smith, Arthur L. J., and Markoski. 2,697,077.
 Markovich, Mike: *See*—
 Spaulding, Harry L., Gladstone, and Markovich.
 Markow, George R., and A. J. Hornfeck, to Bailey Meter Co. 2,696,604, Cl. 340—213.
 Markowski, Edwin P., and W. W. Symonds, assignors to The Barry Corporation. 2,680,284, Cl. 29—148.
 Markwart, Carroll E. 2,696,693, Cl. 43—42.28.
 Marks, Alexander, and D. C. Larson, to Otis Elevator Co. 2,690,547, Cl. 340—19.
 Marks, Alvin M., Beechhurst, N. Y. Screen for producing television images. 2,670,402, Feb. 23.
 Marks, Alvin M., assignor to Plastic Rivet Co. Inc. 2,676,704, Cl. 206—80.
 Marks, Alvin M. 2,693,529, Cl. 250—20.
 Marks, Barnard M., to E. I. du Pont de Nemours and Co. 2,687,395, Cl. 260—41.
 Marks, Cedric H., assignee: *See*—
 Zuckerman, Samuel G.
 Marks, Charles A. 2,684,991, Cl. 136—174.
 Marks, Edwin M., to International Harvester Co. 2,696,716, Cl. 62—103.
 Marks, Joseph D.: *See*—
 Cassidy, John D., and Marks.
 Marks, Joseph N.: *See*—
 Hills, Elmer G. 2,688,083.
 Marks, Numis C. 2,677,132, Cl. 2—177.
 Marks, Saul H., to Phoenix Closet Accessories, Inc. 2,689,631, Cl. 190—18.
 Markson, Alfred A., assignor to Hagan Corporation. 2,677,385, Cl. 137—86.
 Markson, Alfred A., to Hagan Corp. 2,686,635, Cl. 235—61.
 Markson, Alfred A., to Hagan Corp. 2,686,893, Cl. 318—22.
 Markson, Alfred A., to Hagan Corp. 2,688,253, Cl. 73—398.
 Markunas, Peter C.: *See*—
 Jones, Lawrence R., and Markunas.
 Marlboro Mfg. Co., Inc., assignee: *See*—
 Ohman, John L. 2,675,066.
 Marlette, Goley R., and H. G. Clapp, to Adams-Millis Corp. 2,693,094, Cl. 66—43.
 Marley Co., Inc., The: *See*—
 Fordyce, Homer E. 2,681,179.
 Mart, Leon T. 2,681,178.
 Mart, Leon T., and Fordyce.
 Marman Products Co., Inc.: *See*—
 Bernard, Fred A. 2,695,437.
 Christophersen, Clarence E.
 Christophersen, Clarence E. 2,679,993.
 Leighton, Francis. 2,685,889.
 Marmo, Generoso A. 2,691,946, Cl. 104—148.
 Marnay, Louis J., assignor to Société Nationale de Constructions Aéronautiques du Sud-Est. 2,675,196, Cl. 244—74.
 Marnett, Larry F.: *See*—
 Selman, Roland W., and Marnett. 2,684,904.
 Marnon, Donald E., assignor to General Aniline & Film Corporation. 2,678,256, Cl. 8—40.
 Marnon, Donald E., to General Aniline & Film Corp. 2,685,494, Cl. 8—34.
 Marogg, Richard, Hastings on Hudson, N. Y. Braiding machine. 2,672,071, Mar. 16.
 Maronek, Frank R., to A. O. Smith Corp. 2,683,927, Cl. 29—521.
 Maroney, Clair F., D. I. Weisz, and R. W. McGrew, assignors to Beaver Art Metal Corporation, Ellwood City, Pa. Knockdown scaffold having safety lock. 2,665,953, Jan. 12.
 Maroney, Clair F., R. W. McGrew, and D. I. Weisz, assignors to Beaver Art Metal Corporation. 2,680,655, Cl. 304—2.
 Marotta, Ralph: *See*—
 Bump, Albert H., Marotta, and Swisher.
 Marotta, Ralph, assignor to Monsanto Chemical Company. 2,676,162, Cl. 260—38.
 Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Take-up latching mechanism. 2,673,757, Mar. 30.
 Marple, Rollo, assignor to Hancock Manufacturing Company. 2,674,448, Cl. 267—1.
 Marple, Rollo, assignor to Hancock Manufacturing Company. 2,674,479, Cl. 292—1.
 Marple, Rollo, assignor to Hancock Manufacturing Company. 2,680,037, Cl. 292—280.
 Marquaire, Charles, La Tronche, assignor to Societe d'Electro-Chimie d'Electro-Metallurgie et des Aciéries Electriques d'Ugine, Paris, France. Metallic powders. 2,665,981, Jan. 12.
 Marquardt, Carlton M., assignor to Combined Metals Reduction Company, Salt Lake City, Utah. Bubble tube for specific gravity meters. 2,668,438, Feb. 9.
 Marquardt, Edward O., to Barber-Colman Co. 2,685,918, Cl. 158—28.
 Marquardt-Hudes, Inc.: *See*—
 Hudes, Henry N., and Marquardt. 2,684,682.
 Marquardt, Max: *See*—
 Hudes, Henry N., and Marquardt. 2,684,682.
 Marquette Metal Products Co., The: *See*—
 Gorske, Stanley F.
 Moulton, Lloyd J. 2,690,167.
 Pepper, Carl P. 2,692,665.
 Sweet, Floyd H.
 Marquez, Charles L., Jr., to The Babcock & Wilcox Co. 2,693,173, Cl. 122—4.
 Marquez, Charles L., Jr., to The Babcock & Wilcox Co. 2,694,991, Cl. 110—56.
 Marquis, Arthur, to General Electric Co. 2,696,159, Cl. 99—311.
 Marr, Jack M., Oakland, Calif., assignor to Aladdin Heating Corporation. Air distributing device. 2,672,087, Mar. 16.
 Marr, John V. 2,688,068, Cl. 219—34.
 Rogers, Douglas C., and Marsh. 2,686,272.
 Marr, Walter D.: *See*—
 Bloxsom, Ralph T. 2,697,277.
 Marra, Daniel A., Cheswick, Pa. Cutting torch tip. 2,671,501, Mar. 9.
 Marra, Daniel A. 2,694,851, Cl. 29—157.
 Marriner, Richard A.: *See*—
 Perry, Stephen F., Engisch, and Marriner.
 Marriott, Paul E.: *See*—
 Piggott, John, Whillock, and Marriot. 2,677,473.
 Marriott, Richard A., to American Smelting and Refining Co. 2,688,375, Cl. 183—7.
 Marrollo, Donato. 2,684,048, Cl. 118—253.
 Marrone, John C., assignor to A. M. Meincke & Son, Inc. 2,680,072, Cl. 92—21.
 Marsac, Leonard C.: *See*—
 Peets, Wilbur J., and Marsac. 2,678,011.
 Marsala, Joseph C., Watertown, N. Y. License plate illuminating system. 2,671,207, Mar. 2.
 Marschall, Franz, to General Aniline & Film Corp.
 Marschner, Charles F., to McDonnell Aircraft Corp. 2,695,436, Cl. 24—221.
 Marsden, George B., assignor to Chicago Nipple Manufacturing Company, Cicero, Ill. Differential cylinder. 2,667,035, Jan. 26.
 Marsden, George B., to Chicago Nipple Mfg. Co. 2,683,272, Cl. 10—91.
 Marsden, Ross S., Jr., assignor to Phillips Petroleum Company. 2,676,196, Cl. 136—5.

- Marsey, John L., and T. J. Ryan, to Philco Corp. 2,690,524, Cl. 315—97.
- Marsh, Alfred H., to Sun Oil Co. 2,692,808, Cl. 312—117.
- Marsh, Alonzo K., to A. Kimball Co. 2,692,083, Cl. 235—61.12.
- Marsh, Carl H. 2,692,775, Cl. 272—31.
- Marsh, Ernest J., assignor to B. Goldberg, doing business as Towbar Sales Co., Chicago, Ill. Jack with adjustable load-receiving table. 2,672,243, Mar. 16.
- Marsh, Hugh J.: *See—*
- Kramer, William M., and Marsh. 2,675,646.
- Marsh, James C., to Ransburg Electro-Coating Corp. 2,690,730, Cl. 118—51.
- Marsh, Jas. P., Corporation, assignee: *See—*
- Diehl, Karl L. 2,676,515.
- Willach, Bernhard. 2,676,490.
- Marsh, Marvin W.: *See—*
- Schroeder, Charles D., and Marsh. 2,689,065.
- Marsh, Nat H., assignor to American Cyanamid Company. 2,676,984, Cl. 260—564.
- Marsh, Russell E., assignor to Production Incorporated. 2,679,280, Cl. 154—42.
- Marsh Stencil Machine Co.: *See—*
- Hempel, Herbert W. 2,686,925.
- Marsh, Walter W.: *See—*
- 2,687,431, Cl. 260—509.
- Marsh, Willis R. 2,674,945, Cl. 102—28.
- Marshak, Walter, Inc.: *See—*
- Dechar, Edouard. 2,689,072.
- Marshall, Benjamin T., M. L. Downing, and P. J. Harrington, to Standard Oil Development Co. 2,682,277, Cl. 137—334.
- Marshall, Charles W.: *See—*
- Hechter, Oscar, Jacobsen, Jeanloz, Levy, Pincus, Schenker, and Marshall.
- Marshall, Clinton E. 2,691,805, Cl. 24—11.
- Marshall, Clinton E. 2,694,843, Cl. 24—11.
- Marshall, Franklin W., assignor to Tricon, Inc. 2,674,096, Cl. 60—54.5.
- Marshall, Harry B., and C. A. Sankey, to The Ontario Paper Co. Ltd. 2,686,120, Cl. 92—9.
- Marshall, Jerome F.: *See—*
- Atwood, Harry G., and Marshall. 2,694,641.
- Marshall, Jesse J., $\frac{1}{2}$ to W. S. Marshall. 2,687,963, Cl. 106—7.
- Marshall, John: *See—*
- Coffman, Alvin, and Marshall. 2,677,562.
- Marshall, John N., to Radio Corp. of America. 2,690,556, Cl. 343—13.
- Marshall, Mary V. 2,679,134, Cl. 58—57.5.
- Marshall, Raymond E. 2,682,677, Cl. 15—104.3.
- Marshall, Robert W.: *See—*
- Kinzer, John P., Marshall, and Wilson. 2,694,186.
- Marshall, Samuel J. E., and J. V. Fredd, to Otis Engineering Corp. 2,698,056, Cl. 166—123.
- Marshall, Thomas E., III: *See—*
- Von Wald, Walter A., Jr., and Marshall.
- Marshall, Warren L.: *See—*
- McFadden, Paul S., and Marshall. 2,691,197.
- Marshall, William A., assignor to The Pure Oil Company, Chicago, Ill. Chemical method for removing residual sand from metal castings formed in sand-type molds. 2,666,001, Jan. 12.
- Marshall, William A., to The Pure Oil Co. 2,693,857, Cl. 166—29.
- Marshall, William A., and W. R. Probert, to United States Steel Corp. 2,681,069, Cl. 134—175.
- Marshall, William P.: *See—*
- Spugios, Aristos G., and Marshall. 2,691,440.
- Marshall, Willis S.: *See—*
- Marshall, Jesse J. 2,687,963.
- Marsilius, Newman M., Trumbull, assignor to The Product Machine Company, Bridgeport, Conn. Stock feeding means. 2,670,953, Mar. 2.
- Marsilius, Newman M., assignor to The Product Machine Company. 2,678,722, Cl. 203—115.
- Maskell, Walter G., and E. C. McKenzie, to The Babcock & Wilcox Co. 2,684,572, Cl. 60—39.23.
- Maskell, Walter G., and J. M. Miller, to The Babcock & Wilcox Co. 2,684,573, Cl. 60—39.23.
- Maskell, Walter G., and E. C. McKenzie, to The Babcock & Wilcox Co. 2,684,574, Cl. 60—39.65.
- Marson, Harry W., and J. P. English, assignors to American Cyanamid Company. 2,675,375, Cl. 260—154.
- Marston Broom-Mop Factory: *See—*
- Smith, Claude F. 2,696,628.
- Mart, Leon T., to The Marley Co., Inc. 2,681,178, Cl. 230—133.
- Mart, Leon T., Mission Township, Johnson County, Kans., and H. E. Fordyce, Gashland, Mo., assignors to The Marley Company, Inc., Kansas City, Kans. Water power-driven fan for mechanical draft cooling towers. 2,672,328, Mar. 16.
- Martell, Arthur E.: *See—*
- Bersworth, Frederick C., and Martell. 2,686,797.
- Martell, Lester H.: *See—*
- Sullivan, John J., Martell, and Ingersoll.
- Martellotti, Mario, assignor to The Cincinnati Milling Machine Co. 2,674,160, Cl. 90—13.5.
- Martellotti, Mario, and L. E. Mehlhope, assignors to The Cincinnati Milling Machine Co. 2,675,743, Cl. 90—13.5.
- Martens, Jack E., to Ford Motor Co. 2,683,280, Cl. 16—163.
- Martens, Stanton C.: *See—*
- Greenhalgh, Milton S., and Martens. 2,674,546.
- Martens, Vincent G. 2,694,878, Cl. 43—13.11.
- Martenson, Eugene, and H. J. Davis. 2,683,594, Cl. 263—33.
- Marti, Fritz, and G. Braunschweig, La Chaux de Fonds, Switzerland. Bearing for clockwork members. 2,671,309, Mar. 9.
- Martin, Alphonse. 2,694,195, Cl. 340—282.
- Martin, Andrew J., to Allied Chemical & Dye Corp. 2,694,070, Cl. 260—295.5.
- Martin, Archworth, assignee: *See—*
- Bell, Lee A. 2,678,183.
- Martin Brothers Electric Company, The, assignee: *See—*
- Martin, Wendell L. 2,678,496.
- Martin, Cecil G., and J. R. Dennis, to Jack & Heintz, Inc. 2,693,543, Cl. 310—227.
- Martin, Charles, Crystal River, Fla. Fifth wheel connection for tractors and trailers. 2,673,094, Mar. 23.
- Martin, Clifton H. 2,679,429, Cl. 294—26.
- Martin, Clyde J., assignor to Dresser Industries, Inc. 2,675,049, Cl. 153—48.
- Martin Co., The: *See—*
- Kutz, Martin J. 2,693,652.
- Martin, Daniel W.: *See—*
- Ayres, William R., and Martin. 2,686,270.
- Martin, Earnest E.: *See—*
- Walsh, Ralph W., and Martin. 2,697,960.
- Martin, Earnest E., Pasadena, assignor to S. Fischgrund, J. E. Beall, and W. E. Clark, Los Angeles, Calif. Popcorn dispenser employing air entrainment means for corn transfer. 2,668,636, Feb. 9.
- Martin, Edward G.: *See—*
- Carter, Elbert P. 2,674,729.
- Childs, Robert S.
- Childs, Robert S. 2,685,070.
- Martin, Edward G., Cambridge, Mass. Pump for precision adjustment. 2,666,392, Jan. 19.
- Martin, Edward G., Cambridge, Mass. Cavity tuner. 2,667,623, Jan. 26.
- Martin, Edward J., C. E. Quinn, and J. Ross, to General Motors Corp. 2,697,939, Cl. 73—113.
- Martin, Edward L., Dunedin, Fla. Device for attaching a flag and halyard arrangement to flagpoles. 2,672,118, Mar. 16.
- Martin, Edwin D., Chicago, Ill., assignor, by mesne assignments, to Koppers Company, Inc., Pittsburgh, Pa. Apparatus and method for continuous pickling and regeneration of contact acid. 2,668,130, Feb. 2.
- Martin, Elmore L., assignor to E. I. du Pont de Nemours and Company. 2,680,730, Cl. 260—66.
- Martin, Elmore L., assignor to E. I. du Pont de Nemours and Company. 2,680,731, Cl. 260—66.
- Martin, Elmore L., assignor to E. I. du Pont de Nemours and Company. 2,680,732, Cl. 260—66.
- Martin, Elmore L., assignor to E. I. du Pont de Nemours and Company. 2,680,733, Cl. 260—66.
- Martin, Emmet L., Chicago, Ill., and H. H. Agee, Omaha, Nebr. Electric storage battery for use in extreme climates. 2,666,091, Jan. 12.
- Martin, Emmett V., to Eastman Kodak Co. 2,697,023, Cl. 18—54.
- Martin, Eric F.: *See—*
- Powell, Roger F. 2,687,214.
- Martin, Eric L., and J. P. Fosness, Santa Monica, Calif., assignors to North American Aviation, Inc., Aircraft arresting gear. 2,668,031, Feb. 2.
- Martin, Eric L., and F. Leighton, to North American Aviation, Inc. 2,692,739, Cl. 244—102.
- Martin, Fay R.: *See—*
- Martin, Jesse. 2,689,439.
- Martin, Frank J.: *See—*
- Martin, James A., and F. J. 2,693,345.
- Martin, Gayle. 2,674,936, Cl. 99—238.5.
- Martin, George F., Oakland, Calif. Vacuum cleaner adapter unit. 2,673,619, Mar. 30.
- Martin, Glenn L., Co.: *See—*
- Burkhard, William C., Jr., and Magyar.
- Burkhard, William C., Jr., and Magyar. Re. 23,894.
- Jackson, Lester L., Gravenhorst, and Schupan. 2,682,200.
- Kautz, Raymond W. 2,691,206.
- Richmond, William F., Jr. 2,687,474.
- Scheider, Maurice G., and Kass. 2,691,497.
- Selway, Thomas C. 2,684,866.
- Van Cutsem, Albert T. 2,686,440.
- Winter, Mahlon A. 2,693,780.
- Zitza, Curt L., and Kintz. 2,694,583.
- Martin, H. W., Co.: *See—*
- Martin, Harry W. 2,689,535.
- Martin, Harold, East Molesey, England. Electric arc welding of metal or alloy studs and the like to metal or alloy plates and the like. 2,670,424, Feb. 23.
- Martin, Harold W., Malverne, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Bottle capping machine control mechanism. 2,668,203, Feb. 2.
- Martin, Harold W., and R. R. Coly, to American Seal-Kap Corp. 2,693,522, Cl. 219—34.
- Martin, Harry, New York, N. Y. Key mounting. 2,672,044, Mar. 16.
- Martin, Harry W., to H. W. Martin Co. 2,689,535, Cl. 103—184.

- Martin, Homer Z.: *See*—
Feldbauer, George F., Jr., Jahnig, and Martin. 2,686,151.
- Martin, Homer Z., to Standard Oil Development Co. 2,692,192, Cl. 48—196.
- Martin, Homer Z., Roselle, and C. E. Hemminger, Westfield, N. J., assignors to Standard Oil Development Company. Producing hydrogen and carbon monoxide from gaseous hydrocarbons. 2,665,199, Jan. 5.
- Martin, Ira W. 2,682,876, Cl. 129—16.7.
- Martin, James, Higher Denham, near Uxbridge, England. Ejection seat for aircraft. 2,665,089, Jan. 5.
- Martin, James A., and F. J. 2,693,345, Cl. 255—73.
- Martin, James V. 2,693,215, Cl. 152—7.
- Martin, Jean R. L., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Bottle cap. 2,670,869, Mar. 2.
- Martin, Jean R. L., to Coty, Inc. 2,689,665, Cl. 215—43.
- Martin, Jesse, deceased (by F. R. Martin, administratrix), $\frac{1}{2}$ to J. B. Linker. 2,689,439, Cl. 56—12.
- Martin, John, assignor to Fabricacion de Maquinas, S. A. 2,675,648, Cl. 49—50.
- Martin, John G., to Bendix Aviation Corp. 2,683,504, Cl. 188—72.
- Martin, John L., to The Atlantic Refining Co. 2,694,461, Cl. 181—0.5.
- Martin, John R., assignor to Oldham & Son Limited, Denton, near Manchester, England. Electrolyte level indication in electrical accumulators. 2,665,327, Jan. 5.
- Martin, John W., Lima, Ohio. Folding bed or bunk. 2,669,731, Feb. 23.
- Martin, Joseph A.: *See*—
Harrington, Ferris T., Martin, Elliott, and Haisen. 2,693,824.
- Martin, Kingsley L.: *See*—
Raskin, Franz J. M., and Martin. 2,674,493.
- Martin, Lawrence A.: *See*—
Riedesel, Richard G., Miller, and Martin.
- Martin, Leo C., to Northrop Aircraft, Inc. 2,685,882, Cl. 129—43.
- Martin, Louis D., assignor to Eastman Kodak Company, Rochester, N. Y. Making gear tooth shaving tools. 2,667,090, Jan. 26.
- Martin, Lucille M., Chicago, and C. J. Foxgrover, Jr., Park Forest, Ill. Utility tape dispensing device. 2,671,917, Mar. 16.
- Martin, Marvin M., to Martool, Inc. 2,692,626, Cl. 145—36.
- Martin, Merle E., Cresco, Iowa. Gearshift conversion apparatus. 2,664,761, Jan. 5.
- Martin, Merlin L., to Bell Telephone Laboratories, Inc. 2,683,652, Cl. 23—209.1.
- Martin, Norman F., assignor to The Magnavox Company, Fort Wayne, Ind. Drive system for crystal pickups. 2,670,407, Feb. 23.
- Martin, Norman P., trustee, assignee: *See*—
Luckhardt, Johannes.
- Luckhardt, Johannes. 2,679,284—6.
- Martin, Paul N., to Westinghouse Air Brake Co. 2,695,399, Cl. 340—213.
- Martin, Philip W., and R. W. Pringle. 2,686,268, Cl. 250—71.
- Martin, Raymond F., Fairborn, Ohio. Deicer boot applying tool. 2,665,884, Jan. 12.
- Martin, René. 2,691,874, Cl. 62—119.5.
- Martin, Richard H.: *See*—
Kellogg, Richard A., and Martin. 2,676,746.
- Martin, Richard H., and C. L. Kelley, assignors to Brown & Bigelow. 2,674,032, Cl. 29—157.
- Martin, Robert S. 2,688,321, Cl. 124—11.
- Martin, Robert W., Lafayette, Calif., assignor to General Electric Company. Cyclopentadienylsilanes. 2,667,501, Jan. 26.
- Martin, Samuel M.: *See*—
Adams, George P., and Martin. 2,684,148.
- Martin, Tellis A.: *See*—
Randall, David I., and Martin.
- Randall, David I., and Martin. 2,691,022.
- Martin, Thomas B., and J. R. May, assignors to General Motors Corporation. 2,678,103, Cl. 170—160.21.
- Martin, Thomas J. 2,689,054, Cl. 214—315.
- Martin, Walter A. 2,692,425, Cl. 29—401.
- Martin, Walter C. 2,675,059, Cl. 155—53.
- Martin, Walter C. 2,690,092, Cl. 84—400.
- Martin, Warren S. 2,676,006, Cl. 263—26.
- Martin, Warren S. 2,693,873, Cl. 198—213.
- Martin, Warren S. 2,696,308, Cl. 210—176.
- Martin, Wendell L., assignor to The Martin Brothers Electric Company. 2,678,496, Cl. 33—23.
- Martin, Wesley G.: *See*—
Dueringer, Erwin G., and Martin. 2,691,959.
- Martin, Wesley L., to Bendix Aviation Corp. 2,694,793, Cl. 324—43.
- Martin, Wilbert A., assignor to Minneapolis-Honeywell Regulator Company. 2,677,741, Cl. 200—168.
- Martin, Wilbert A., to Minneapolis-Honeywell Regulator Co. 2,697,146, Cl. 200—74.
- Martin, Wilbur N., Canton, Ohio. Drilling machine. 2,667,333, Jan. 26.
- Martin, William E. 2,687,225, Cl. 214—505.
- Martin, William M., San Mateo, Calif., assignor to James Dole Engineering Co. Apparatus and method for filling products in containers. 2,667,424, Jan. 26.
- Martin, William M., San Mateo, assignor to James Dole Engineering Co., San Francisco, Calif. Apparatus and method for filling containers with products. 2,672,270, Mar. 16.
- Martin, William McK., to James Dole Engineering Co. 2,685,520, Cl. 99—182.
- Martin, William T., to Beech-Nut Packing Co. 2,696,702, Cl. 53—131.
- Martin, William W., to Pacific Dairy Machinery Co. 2,685,863, Cl. 119—51.
- Martin, Yves P. M., to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. 2,698,219, Cl. 23—1.
- Martindale, Beatrice van R. 2,676,427, Cl. 40—10.5.
- Martindell, Frank, to Teletypesetter Corp. 2,687,210, Cl. 199—18.
- Martinez, George F.: *See*—
Von Bolhar, Edgar, and Martinez. 2,677,463.
- Martinez, Santiago J. 2,695,829, Cl. 311—91.
- Martino, William, Westbury, N. Y. Toothbrush with refillable dentifrice dispenser. 2,665,442, Jan. 12.
- Martin's Bank Limited, executor: *See*—
Bolton, Arthur. 2,680,606.
- Martinson, Edwin O., assignor to C. S. Johnson Company. 2,679,322, Cl. 214—2.
- Martinson, John. 2,679,131, Cl. 56—27.
- Martinson, Lawrence E.: *See*—
Staehle, Henry C., and Martinson. 2,675,315.
- Martinson, Lawrence E., to Eastman Kodak Co. 2,697,039, Cl. 95—5.4.
- Martinson, Milton B. 2,689,611, Cl. 166—88.
- Martinson, Gunnar R. C., Chicago, Ill. Hydraulic mechanism. 2,665,555, Jan. 12.
- Martischang, Fredrick M., Yosemite National Park, Calif. Measuring soapbox device. 2,668,641, Feb. 9.
- Martin & Lawrie Limited, assignee: *See*—
Martlin, Robert F.
- Martlin, Robert F., assignor to Martlin & Lawrie Limited, Hamilton, Ontario, Canada. Developing chamber for developing fume sensitive printing papers. 2,667,826, Feb. 2.
- Marton, Paul, Windsor, Ontario, Canada. Glass cutting machine. 2,667,691, Feb. 2.
- Martone, Aggeo. 2,678,650, Cl. 128—326.
- Martone, John D., to E. I. du Pont de Nemours and Co. 2,689,195, Cl. 117—65.
- Martool, Inc.: *See*—
Martin, Marvin M. 2,692,626.
- Martt, Ernest C., assignor to General Electric Company. 2,677,068, Cl. 313—25.
- Martt, Ernest C., to General Electric Co. 2,685,916, Cl. 158—27.4.
- Marty, Bernard A., assignor to Irwin, Neisler and Company, Decatur, Ill. Theophylline composition containing antinauseant factors. 2,667,439, Jan. 26.
- Marullo, Gerlando, and D. Maragliano, to Montecatini Società Generale per l'Industria Mineraria e Chimica Anonima. 2,689,783, Cl. 23—224.
- Marum, Hans H., to Marum Knitting Mills, Inc. 2,685,789, Cl. 66—200.
- Marum Knitting Mills, Inc.: *See*—
Marum, Hans H. 2,685,789.
- Marvan Corporation, The, assignee: *See*—
Reed, Lou C.
- Thorsell, Edward P.
- Marvel, Carl S., and R. M. Joyce, assignors to E. I. du Pont de Nemours & Company. 2,677,673, Cl. 260—41.5.
- Marvel Equipment Corp.: *See*—
Roethel, John H. 2,676,042.
- Roethel, John H. 2,684,257.
- Marvel Industries, Inc.: *See*—
Ericson, John F. E. 2,698,107.
- Marvel Specialty Company, assignee: *See*—
Smith, Gus T.
- Marvin Co., assignee: *See*—
Di Chiara, Vincent J., and Bruscini.
- Marvin, Edgar S.: *See*—
Malone, Harold L., and Marvin.
- Marvin, Harry B., to General Electric Co. 2,695,363, Cl. 250—83.6.
- Marx, Adolph, Brooklyn, N. Y. Safety accessory for gas stoves. 2,667,864, Feb. 2.
- Marx, Erich, to B. F. McDonald Co. 2,688,747, Cl. 2—6.
- Marx, Joe J., Cincinnati, assignor to So-Lo Works, Incorporated, Loveland, Ohio. Lightweight boot having constricting tie. 2,669,035, Feb. 16.
- Marx, Joseph P., Hartford, Wis. Exhaust manifold for internal-combustion engines. 2,667,151, Jan. 26.
- Marx, Karl: *See*—
Schweiter, Walter, and Marx. 2,684,798.
- Marx, Louis, & Co., Inc.: *See*—
Kelch, Lester F., and Bonnett.
- Lohr, Raymond J., Carver, and Dobkowski. 2,697,300.
- Marx, Walter S., Jr., to Printing Arts Research Laboratories, Inc. 2,687,949, Cl. 41—41.
- Marxer, Adrian: *See*—
Miescher, Karl, and Marxer.
- Mary, Francis. 2,690,208, Cl. 155—28.
- Maryland Baking Co., The: *See*—
Balton, James.
- Heyman, Albert A.
- Heyman, Albert A. 2,691,947.
- Maryland Devices, Inc.: *See*—
Samuels, Abe O. 2,685,989.

- Marymont, Jesse H., to Buxton, Inc. 2,685,193, Cl. 70—458.
- Marzillier, Paul A. 2,687,538, Cl. 5—317.
- Marzolf, Robert G., Snyder, N. Y. Lubricant container for bearings. 2,668,086, Feb. 2.
- Masabny, Anthony, Allston, Mass. Illuminating means for dial telephones. 2,673,283, Mar. 23.
- Masak, Frantisek, to Svit, narodni podnik. 2,682,762, Cl. 66—96.
- Masarky, Nathaniel H.: *See—*
Molteni, Henry A., Masarky, and Barsky. Re. 23,823.
- Mascarini, Ronald H. 2,674,324, Cl. 169—26.
- Maschinenfabrik Andritz Aktiengesellschaft, assignee: *See—*
Pirkner, Ignaz.
- Maschinenfabrik Augsburg-Nürnberg A. G.: *See—*
Knecht, Ludwig. 2,685,503.
Rothemünd, Max. 2,680,600.
Schörner, Christian.
Schörner, Christian. 2,675,672.
Schörner, Christian. 2,686,655.
Schörner, Christian, and Rothemünd.
Seitz, Ludwig. 2,685,282.
- Maschinenfabrik Esslingen A. G., assignee: *See—*
Hacker, Hermann.
Kobold, Josef. 2,679,730.
- Maschinenfabrik Hasenclever A.-G., assignee: *See—*
Aeckersberg, Gustav, and Nilgen.
- Maschinenfabrik Heid Aktiengesellschaft, assignee: *See—*
Musil, Josef.
- Maschinenfabrik Paul Leistritz: *See—*
Kleinlein, Fritz, and Bernhardt. 2,686,336.
- Maschinenfabrik Scharer, assignee: *See—*
Siegenthaler, Walter. 2,692,089.
Siegenthaler, Walter, and Laager.
- Maschinenfabrik Windmüller & Hölscher: *See—*
Finke, Arno. 2,698,046.
- Maschinenfabrik zum Bruder-Haus Gesellschaft mit Beschränkter Haftung, assignee: *See—*
Strecker, Gerald.
Strecker, Gerald. 2,676,523.
- Mascl, Joseph N., and N. A. Poirier, assignors to Johnson & Johnson. 2,680,753, Cl. 260—404.
- Mascola, Joseph. 2,690,855, Cl. 220—52.
- Mascuch, Joseph J.: *See—*
Aichele, Ernest O. 2,684,774.
Nardone, Romeo M. 2,687,789.
- Mascuch, Joseph J. 2,677,009, Cl. 174—35.
- Mase, Joseph A., assignor to International Steel Company. 2,680,179, Cl. 219—2.
- Masengill, William W., to Walters Mfg. Co. 2,694,482, Cl. 198—33.
- Maseritz, Bernard D., assignor of one-half to M. T. Moran. 2,674,701, Cl. 307—155.
- Masheris, Fred A., and K. Tanko, assignors to Dormeyer Corporation, Chicago, Ill. Variable speed governor. 2,670,416, Feb. 23.
- Masi, William M. 2,691,171, Cl. 2—247.
- Masich, Edward J., P. Miller, and L. Beck, to Alexander Smith, Inc. 2,695,509, Cl. 68—5.
- Masing, Boris. 2,693,091, Cl. 62—119.5.
- Masip, Joseph: *See—*
Samko, Alexander. 2,684,529.
- Maskell, Ronald F.: *See—*
Leighton, Geoffrey J., Maskell and Alcock. 2,675,483.
- Maskinaffar, Gunnar E., assignee: *See—*
Skoglund, Curt P.
- Maslin, John A., Claymont, Del., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Joint construction. 2,673,101, Mar. 23.
- Mason, Avrel, assignor to Bendix Aviation Corporation. 2,674,232, Cl. 121—41.
- Mason, Avrel, and A. M. Fuchs, assignors to Bendix Aviation Corporation. 2,674,099, Cl. 60—97.
- Mason Box Co., The: *See—*
Wetherell, Russell A. 2,697,537.
- Mason, Edward G. 2,681,481, Cl. 20—40.
- Mason Electric Corp.: *See—*
Mason, Howard F. 2,684,843.
Mason, Howard F. 2,693,585.
- Mason, Ford S. 2,694,480, Cl. 194—85.
- Mason, George C. 2,686,318, Cl. 2—239.
- Mason, Glen E., to Henry Mfg. Co., Inc. 2,691,835, Cl. 37—129.
- Mason, Howard F. 2,678,974, Cl. 200—6.
- Mason, Howard F., to Mason Electric Corp. 2,684,843, Cl. 267—1.
- Mason, Howard F., to Mason Electric Corp. 2,693,585, Cl. 339—248.
- Mason, Hugh B., assignor of 1/3 to S. E. Mason. 2,677,249, Cl. 62—107.
- Mason, Jacob A.: *See—*
Stillman, Thomas B., and Mason.
- Mason, James A., and R. C. Kraepelin, to Warner Electric Brake & Clutch Co. Re. 23,902, Cl. 310—76.
- Mason, James A., and R. R. Palmer, to Warner Electric Brake & Clutch Co. 2,692,353, Cl. 317—123.
- Mason, Julien J., to Westinghouse Electric Corp. 2,692,347, Cl. 313—109.
- Mason, Ralph B.: *See—*
Smith, Lloyd B., Mason, Blanding, and Hemminger. 2,694,035.
- Mason, Roland G., Seattle, Wash. Extensible article support. 2,667,323, Jan. 26.
- Mason, Ronald W., assignor to The Sperry Gyroscope Company Limited. 2,675,282, Cl. 308—199.
- Mason, Ruric C., J. W. Coltman, L. P. Hunter, and R. L. Longini, to Westinghouse Electric Corp. 2,681,868, Cl. 117—33.23.
- Mason, Sabra E., assignee: *See—*
Mason, Hugh B. 2,677,249.
- Mason, Veyne V. 2,685,827, Cl. 93—1.
- Mason, Veyne V. 2,692,683, Cl. 210—148.
- Mason, Veyne V., and H. L. Glaze; said Glaze assignor to said Mason. 2,685,828, Cl. 93—1.
- Mason, Walker, and S. J. Biello, to The Authorite Corp. 2,693,146, Cl. 101—375.
- Mason, Warren P.: *See—*
Kinsley, Thomas G., and Mason.
- Mason, Warren P., West Orange, and B. T. Matthias, Fanwood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric transducer. 2,669,666, Feb. 16.
- Masonite Corporation, assignee: *See—*
Fuller, James M., and Walton. 2,676,108.
Ingrassia, Angelo P.
Simpson, George G. 2,681,637.
Wait, Edward B. 2,678,588.
- Massa, Gerald, and J. Demola. 2,679,958, Cl. 223—89.
- Massé, Lucien: *See—*
Weiss, Oscar, and Massé. 2,690,537.
- Masse, Rene A. 2,678,243, Cl. 304—31.5.
- Massengill, S. E., Co., The: *See—*
Cronheim, Georg E., and Lucas. 2,681,341.
- Massey, B. & S. Limited, assignee: *See—*
Foster, John. 2,675,106.
- Massey, Bernard S., D. G. Bush, and A. A. Howarth, to The Bristol Aeroplane Co. Ltd. 2,696,975, Cl. 257—3.
- Massey-Harris Co. Ltd.: *See—*
Carroll, Thomas. 2,696,290.
Knight, Lorne F. 2,676,229.
Krause, Leonard M. 2,691,863.
Lee, Francis.
Pitt, Arnold, and Knight.
Todd, Everett W. 2,678,596.
- Massey-Harris-Ferguson (Mfg.) Ltd.: *See—*
Lee, Francis. 2,694,579.
- Massey-Harris-Ferguson (Sales) Ltd.: *See—*
Czarnocki, Witold. 2,688,320.
- Massey, Kenneth, and R. V. Patchett, Spondon, near Derby, England, assignors to British Celanese Limited. Loom shuttle. 2,669,259, Feb. 16.
- Massicotte, William E., Wawa, Ontario, Canada. Canoe yoke. 2,671,231, Mar. 9.
- Massier, John, Greensburg, Pa., assignor to Servel, Inc., New York, N. Y. Electrocatalytic gas igniter. 2,667,605, Jan. 26.
- Massmann, Werner F.: *See—*
Marggraf, Kurt A., and Massmann. 2,690,531.
- Massmann, William F., E. W. Michael, and W. L. Vollink, to General Foods Corp. 2,689,796, Cl. 99—83.
- Masson, Emile, St.-Maurice, and H. Briffard, Issy-les-Moulineaux, assignors to Societe Francaise Sadir-Carpentier, Paris, France. Disturbance-recording system. 2,671,711, Mar. 9.
- Masstab, Benjamin, to E. Masstab. 2,689,956, Cl. 2—42.
- Masstab, Ethel: *See—*
Masstab, Benjamin. 2,689,956.
- Mast, George W., to Commercial Solvents Corp. 2,692,845, Cl. 167—55.
- Mast, George W., South Salem, and L. E. Tenenbaum, Brooklyn, assignors to Nepera Chemical Co., Inc., Yonkers, N. Y. Azo compounds. 2,665,273, Jan. 5.
- Mast, Gifford M., W. K. Gannett, and W. A. Taylor. 2,693,643, Cl. 33—1.
- Master Appliance Mfg. Co.: *See—*
Meltzer, Rudolph L. and H. E., and Warner. 2,683,939.
- Master Builders Co., The: *See—*
Scripture, Edward W., Jr. 2,690,975.
- Master Electric Company, The, assignee: *See—*
Berger, Arthur F. 2,674,473.
- Master Hole Cutter Co.: *See—*
Bushnell, William H. 2,693,853.
- Master Rule Manufacturing Co., Inc., assignee: *See—*
Nykwest, Clarence D., and Stein. 2,680,576.
- Master Vibrator Co.: *See—*
Barnes, Ralph G. 2,693,136.
McCrery, Harold E. 2,689,507.
- Masterman, Frederick E., to Provincial Paper, Ltd. 2,697,669, Cl. 117—63.
- Masters, Robert W., to Radio Corp. of America. 2,691,102, Cl. 250—33.53.
- Masterson, Earl E., assignor to Radio Corporation of America. 2,676,808, Cl. 274—23.
- Masterson, Earl E., assignor to Radio Corporation of America. 2,678,820, Cl. 271—2.3.
- Masterson, Earl E., assignor to Radio Corporation of America. 2,678,821, Cl. 271—2.6.
- Masterson, Melvin I., Jr., and C. V. Criswell. 2,692,753, Cl. 254—131.
- Masterton, Bruce: *See—*
Smith, William C., and Masterton. 2,678,951.
- Mastin, Thomas G.: *See—*
Seeger, Nelson V., and Mastin. 2,683,729.
- Mastin, Thomas G., and N. V. Seeger, to The Goodyear Tire & Rubber Co. 2,683,727, Cl. 260—453.

- Mastin, Thomas G., and N. V. Seeger, to The Goodyear Tire & Rubber Co. 2,683,728, Cl. 260—453.
- Mastin, Thomas W.: *See—*
Asseff, Peter A., Mastin, and Rhodes. 2,695,910.
- Maston, Seth M. 2,678,512, Cl. 43—57.
- Mastracchi-Manes, Giovanni: *See—*
Sander, Ernst. 2,696,032.
- Mastrella, Angelo J., Rochester, N. Y. Gauge line holder. 2,665,487, Jan. 12.
- Mastrone, Joseph. 2,681,531, Cl. 51—102.
- Masys, Willard: *See—*
Lindquist, Morris W., and Masys. 2,676,380.
- Mataré, Herbert F., Vaucresson, assignor to Societe Anonyme dite: Compagnie des Freins et Signaux Westinghouse, Paris, France. Ultrahigh-frequency crystal device of the asymmetrical conductivity type. 2,673,930, Mar. 30.
- Mataré, Herbert F., assignor to Societe Anonyme dite: Compagnie des Freins & Signaux Westinghouse. 2,677,757, Cl. 250—20.
- Mataré, Herbert F., and H. Welker, Vaucresson, assignors to Societe Anonyme dite: Compagnie des Freins et Signaux Westinghouse, Paris, France. Crystal device for controlling electric currents by means of a solid semiconductor. 2,673,948, Mar. 30.
- Matarrese, Carlo. 2,691,997, Cl. 146—182.
- Matasovic, John L., Chicago, Ill. Pressure regulator. 2,666,278, Jan. 19.
- Mateer, G. Diehl: *See—*
Mateer, George D. Re. 23,888.
- Mateer, George D., to G. Diehl Mateer Co. Re. 23,888, Cl. 222—70.
- Mateer, George D. 2,686,618, Cl. 222—378.
- Mategorin, Theodore J., assignor to Bendix Aviation Corporation. 2,679,207, Cl. 103—42.
- Matejczyk, John F., to The O. Hommel Co. 2,698,306, Cl. 252—464.
- Matejka, Joseph. 2,695,922, Cl. 13—22.
- Mater, Bernardus E., Santa Monica, assignor to Baker Oil Tools, Inc., Vernon, Calif. Valve control for sub-surface well tools. 2,671,511, Mar. 9.
- Matera, Charles C. 2,695,204, Cl. 308—179.
- Materka, John: *See—*
Elliott, Howard A., Kain, Materka, and Taormina. 2,697,820.
- Materka, John S.: *See—*
Simpkins, Robert L., Materka, and Elliott.
- Matheny, Francis M., to Pipe Linings, Inc. 2,681,493, Cl. 25—38.
- Matheny, Hollis B., to Remington Rand Inc. 2,689,572, Cl. 129—167.
- Matheny, William F. 2,692,004, Cl. 153—68.
- Mather, Elmer J., to Southern Dairies, Inc. 2,682,755, Cl. 62—102.
- Mather, Robert L., to the United States of America as represented by the United States Atomic Energy Commission. 2,683,814, Cl. 250—71.
- Mathes, Robert C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for analyzing and synthesizing speech. 2,672,512, Mar. 16.
- Mathes, Robert C., to Bell Telephone Laboratories, Inc. 2,691,072, Cl. 179—100.2.
- Mathes, Robert H., A. J. Hiller, and M. E. Berrett. 2,692,814, Cl. 346—31.
- Mathes, Wilhelm, and W. Sauermilch, to Dr. F. Raschig G. m. b. H. 2,698,328, Cl. 260—297.
- Matheson, George L.: *See—*
Odell, William W., and Matheson.
- Matheson, George L., to Standard Oil Development Co. 2,683,685, Cl. 196—52.
- Matheson, Owen. 2,683,608, Cl. 280—9.
- Mathews, Bernard C.: *See—*
Andersen, Arthur A., and Mathews.
- Mathews Conveyor Co.: *See—*
Anderson, Martin J. 2,695,095.
- Bisset, William. 2,682,329.
- Mathews, Donald R., to Alan Wood Steel Co. 2,693,888, Cl. 214—26.
- Mathews, J. W.: *See—*
Hood, Myron E. 2,696,217.
- Mathews, John E., Cleveland, and A. C. Gordon, Maple Heights, Ohio. Game device. 2,667,354, Jan. 26.
- Mathews, Martin B.: *See—*
Watkins, John E., and Mathews.
- Mathews, Wilbur R., to General Electric Co. 2,686,896, Cl. 318—489.
- Mathews, William N., to The Phoenix Glass Co. 2,689,433, Cl. 49—54.
- Mathewson, Frank: *See—*
Miller, Robert P., Mathewson, and Meinzer. 2,696,302.
- Mathewson Machine Works, Inc.: *See—*
Mathewson, Wilfred F. 2,682,812.
- Mathewson, Wilfred F., to Mathewson Machine Works, Inc. 2,682,812, Cl. 92—35.
- Mathias, David C., and F. D. Lowther. 2,678,610, Cl. 104—124.
- Mathias, Gerald E., and W. T. Hunt, Jr., to Westinghouse Electric Corp. 2,683,842, Cl. 318—143.
- Mathias, Gerald E., and W. T. Hunt, Jr., to Westinghouse Electric Corp. 2,693,560, Cl. 318—100.
- Mathieson Chemical Corp.: *See—*
Baldwin, Maynard M. 2,688,603.
- Churchill, John W.
Churchill, John W., and Schaeffer. 2,680,092.
- Clark, Charles C. 2,680,673.
- Clue, Warren K.
Cotton, William J. 2,689,217.
- Crockett, Thomas W.
Doerr, Richard L.
Felger, James N. 2,676,617.
- Frost, Paul D. 2,674,789.
- Grundmann, Christoph J., and Ottmann.
Haller, John F. 2,675,300.
- Haller, John F. 2,678,258.
- Kamlet, Jonas. 2,689,174.
- Lott, William A. 2,677,697.
- Lott, William A., and Krapcho. 2,688,025.
- MacMahon, James D. 2,676,153.
- MacMahon, James D. 2,695,274.
- Miller, Warren S., and Hirdler.
Morningstar, Ralph E.
Morningstar, Ralph E., and Whipple.
- Nicolaisen, Bernard H. 2,676,911.
- Nicolaisen, Bernard H. 2,678,298.
- Orth, George O., Jr.
Robson, Homer L. 2,683,648.
- Shaw, Elliott N., and Bernstein. 2,686,786.
- Soule, Edward C. 2,693,454.
- Stone, William A. 2,678,922.
- Taylor, Maurice C. 2,680,672.
- Ter Horst, William P. 2,690,956.
- Ter Horst, William P. 2,690,957.
- Weiler, John E. 2,675,302.
- Weiler, John E. 2,682,446.
- Weiler, John E. and J. F. 2,675,298.
- Yale, Harry L.
- Mathieu, Alfred C., assignor to American Cyanamid Company. 2,675,921, Cl. 210—188.
- Mathieu, Frédéric C., to Compagnie Radio Cinema. 2,686,894, Cl. 318—277.
- Mathis, Clark A. 2,694,228, Cl. 18—59.
- Mathis, Clyde H., M. Van Perry, and J. B. McCombs, Jr., to Phillips Petroleum Co. 2,696,464, Cl. 202—160.
- Mathis, Glenn W. 2,687,834, Cl. 224—5.
- Mathisen, Anders, $\frac{1}{2}$ to Gravinger Mfg. Co. Ltd., and $\frac{1}{2}$ to The Wilkinson Sword Co. Ltd. 2,683,194, Cl. 200—52.
- Mathisen, Arne L., Sandvika, Norway. Traction chain shoe. 2,667,386, Jan. 26.
- Mathisen, Arne L. 2,680,944, Cl. 55—3.
- Mathison, Volney G. 2,684,670, Cl. 128—2.1.
- Mathues, Ralph B. 2,681,058, Cl. 128—87.
- Mathues, Thomas O., to General Motors Corp. 2,682,685, Cl. 18—42.
- Mathues, Thomas O., to General Motors Corp. 2,686,853, Cl. 200—61.49.
- Mathy, Anton, to The Pure Oil Co. 2,693,596, Cl. 2—3.
- Mathy, Eugene V., to Phillips Petroleum Co. 2,695,262, Cl. 196—14.26.
- Mathzeit, Erich, A. Ziegler, and W. Schröder, assignors to International Standard Electric Corporation. 2,679,990, Cl. 243—36.
- Matich, Peter M. 2,675,597, Cl. 25—30.
- Matirko, Chester A., Tiffin, assignor to Basic Refractories, Inc., Cleveland, Ohio. Nozzle construction. 2,671,692, Mar. 9.
- Matlack, Albert S., assignor to Hercules Powder Company, Wilmington, Del. Preparation of β -alanine. 2,672,480, Mar. 16.
- Matlock, Robert W., and E. A. Phelps, to Lockheed Aircraft Corp. 2,694,924, Cl. 73—37.
- Matolin, Louis S.: *See—*
Talmey, Paul, and Matolin. 2,695,196.
- Matras, Frank D., assignor to Frabill Manufacturing Company, Milwaukee, Wis. Fishing bobber. 2,670,560, Mar. 2.
- Matson, John A. 2,675,834, Cl. 139—218.
- Matsukawa, Tatsuo. 2,683,686, Cl. 204—23.
- Matta, Joseph S., Prichard, Ala. Clothespin. 2,668,339, Feb. 9.
- Matter, Albert J.: *See—*
Bateman, William R., Matter, and Burns. 2,693,968.
- Matter, Albert J. 2,682,131, Cl. 45—139.
- Matter, Albert J. 2,687,547, Cl. 16—30.
- Matteson, Franklyn C., and J. M. Patterson, assignors to Food Machinery and Chemical Corporation. 2,674,494, Cl. 299—121.
- Matteson, Harold J., assignor to General Controls Co., Glendale, Calif. Refrigerant control system. 2,670,609, Mar. 2.
- Matteson, Harold J., assignor to General Controls Co., Glendale, Calif. Pilot controlled main valve with cushioning means. 2,673,706, Mar. 30.
- Matth. Hohner A.-G.: *See—*
Rappold, Hans. 2,681,587.
- Matthes, Elmer F. 2,674,803, Cl. 33—41.
- Matthes, Herbert E. 2,679,708, Cl. 43—44.8.
- Matthew, Morton P.: *See—*
Moody, John L., and Matthew. 2,692,363.
- Matthew, Morton P., assignor to Friden Calculating Machine Co., Inc. 2,679,916, Cl. 192—22.
- Matthews, Adrian M., to the United States of America as represented by the Secretary of the Navy. 2,691,201, Cl. 24—248.

- Matthews, Arnold, assignor to The General Electric Company Limited. 2,679,628, Cl. 321—34.
- Matthews, Carroll F., and J. C. Sawyer, to Oneida Ltd. 2,684,328, Cl. 204—140.
- Matthews, Cyril G.: *See*—
Amundson, Ernest L., and Matthews. 2,695,421.
- Matthews, Eric J., Cheam, England, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Fluid sealed valve. 2,673,126, Mar. 23.
- Matthews, George A., to The Detroit Edison Co. 2,687,572, Cl. 30—182.
- Matthews, Jas. H., & Co.: *See*—
Ginn, Raymond E. 2,682,217.
- Matthews, Kenneth A.: *See*—
Starr, Arthur T., White, Cinderey, Matthews, and Cooke. 2,680,220.
- Matthews, Merton L., to Maxson Automatic Machinery Co. 2,698,176, Cl. 271—89.
- Matthews, Ralph E., Jr., to W. S. Scull, 2nd. 2,696,297, Cl. 209—111.
- Matthews, Russell B., Wauwatosa, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Electromagnetic control device. 2,671,863, Mar. 9.
- Matthews, Russell B., to Milwaukee Gas Specialty Co. 2,682,016, Cl. 315—252.
- Matthews, Russell B., to Milwaukee Gas Specialty Co. 2,687,870, Cl. 251—137.
- Matthews, Vinton H., to Food Machinery and Chemical Corp. 2,686,990, Cl. 47—58.
- Matthias, Bernd T.: *See*—
Mason, Warren P., and Matthias.
- Matthias, Bernd T., to Bell Telephone Laboratories, Inc. 2,691,738, Cl. 310—8.
- Matthias, Lynn H.: *See*—
Dawe, Albert J., Matthias, and De Smidt.
- Matthies, Hermann, assignor to Unterharzer Berg- und Huettenwerke, G. m. b. H. 2,676,010, Cl. 266—33.
- Matthysse, Irving F., Bronx, N. Y., assignor to Burndy Engineering Company, Inc. Connector with rotatably mounted conductor securing means. 2,668,211, Feb. 2.
- Matthysse, Irving F., to Burndy Engineering Co., Inc. 2,683,200, Cl. 200—115.5.
- Matthysse, Irving F., and L. Greer, to Burndy Engineering Co., Inc. 2,695,348, Cl. 200—121.
- Mattik, Raimond J. 2,679,710, Cl. 45—28.
- Mattikow, Morris: *See*—
Perlman, David, and Mattikow. 2,691,011.
- Mattil, Karl F., and R. J. Sims, to Swift & Co. 2,691,664, Cl. 260—410.7.
- Mattis, George. 2,684,123, Cl. 180—1.
- Mattison, Argo L. 2,687,021, Cl. 62—115.
- Mattke, Charles F.: *See*—
Graham, Robert E., and Mattke.
- Mattos, George E., 1/2 to Jack Horner Pie Co. 2,684,186, Cl. 222—218.
- Mattox and Moore, Inc.: *See*—
Moore, Frank C., and Mattox. 2,681,297.
- Mattox, William E.: *See*—
Moore, Frank C., and Mattox. 2,681,297.
- Mattox, William J.: *See*—
Adams, Clark E., Kimberlin, and Mattox. 2,690,990.
- Mattox, William J., Baton Rouge, La., assignor to Standard Oil Development Company. Gasification of carbonaceous solids. 2,672,410, Mar. 16.
- Mattson, Elbert C., Portland, Oreg. Traffic marker. 2,666,373, Jan. 19.
- Matulaitis, Victor E. 2,675,178, Cl. 236—36.
- Matulaitis, Victor E. 2,683,025, Cl. 257—256.
- Matuzas, Anthony J.: *See*—
Peets, Wilbur J., and Matuzas. 2,677,042.
- Matuzas, Anthony J., to The Singer Mfg. Co. 2,682,243, Cl. 112—210.
- Matz, Max W.: *See*—
Zanck, Gerald J., and Matz. 2,694,518.
- Matzen, Bernard. 2,683,313, Cl. 32—14.
- Matzke, Josef, assignor to Oesterreichische Stickstoffwerke Aktiengesellschaft, Linz (Donau), Austria. Manufacture of N-acylated aminoarylsulfonamides. 2,666,073, Jan. 12.
- Mauchly, John W.: *See*—
Eckert, John P., Jr., and Mauchly.
- Maud, Robert K. 2,685,214, Cl. 74—552.
- Mauge, Marcel R., to International Standard Electric Corp. 2,692,917, Cl. 179—18.
- Maughan, George T.: *See*—
Vines, Alan, Welham, and Maughan. 2,675,608.
- Maul, John A., and P. Kaftol, to American Machine and Foundry Co. 2,694,564, Cl. 263—19.
- Maumee Development Company, assignee: *See*—
Schlaudecker, George F.
Senn, Oliver F.
- Mauquoy, Jean. 2,690,667, Cl. 72—61.
- Maurer, Hans, assignor to Ruf-Buchhaltung Aktiengesellschaft. 2,675,904, Cl. 197—128.
- Maurer, Pierre. 2,681,691, Cl. 155—106.
- Maurer, Richard E.: *See*—
Yule, John A. C., and Maurer. 2,691,585.
Yule, John A. C., and Maurer. 2,691,586.
- Maurer, Richard E., to Eastman Kodak Co. 2,691,583, Cl. 95—8.
- Maurer, Spencer B. 2,693,867, Cl. 192—30.5.
- Maurer, Spencer B., and H. P. Ebert, assignors to Chicago Pneumatic Tool Company. 2,677,355, Cl. 123—7.
- Maurer, Spencer B., and H. P. Ebert, assignors to Chicago Pneumatic Tool Company. 2,677,360, Cl. 123—185.
- Maurice, George, to Milwaukee Gas Specialty Co. 2,687,169, Cl. 158—130.
- Maurice, Jean, to Societe Anonyme Francaise du Ferodo. 2,681,579, Cl. 74—761.
- Maurin, Jacques, 50% to Society Conte. 2,694,128, Cl. 201—48.
- Mauritz, Erik K.: *See*—
Adler, Erich, and Mauritz. 2,680,113.
- Mausner, Alfons, to Mauser K.-G. 2,689,599, Cl. 155—77.
- Mausner, Alfons, to Mauser K.-G. 2,690,370, Cl. 311—109.
- Mauser K.-G.: *See*—
Mauser, Alfons. 2,689,599.
Mauser, Alfons. 2,690,370.
- Mauskopf, Irving: *See*—
Ravich, Abraham I., and Mauskopf. 2,685,759.
- Maussnest, Frederick K., now by change of name F. K. Maust. 2,693,955, Cl. 271—24.
- Maust, Ernest J., to Western Machinery Co. 2,690,261, Cl. 209—172.5.
- Maust, Ernest J., to Western Machinery Co. 2,696,300, Cl. 209—172.5.
- Maust, Frederick K.: *See*—
Maussnest, Frederick K. 2,693,955.
- Mautner, Henry R., to General Aniline & Film Corp. 2,693,994, Cl. 8—34.
- Mautner, Henry R., to General Aniline & Film Corp. 2,695,832, Cl. 8—34.
- Mautner, Steven E., assignor to Skydyne, Inc. 2,674,015, Cl. 20—4.
- Mautner, Steven E., assignor to Skydyne, Inc. 2,674,433, Cl. 248—358.
- Mavity, Julian M.: *See*—
Bielawski, Mitchell S., and Mavity. 2,692,242.
Bielawski, Mitchell S., and Mavity. 2,694,048.
- Mavity, Julian M., to Universal Oil Products Co. 2,697,732, Cl. 260—613.
- Mavity, Julian M., and M. S. Bielawski, to Universal Oil Products Co. 2,692,241, Cl. 252—435.
- Mavor & Coulson Ltd.: *See*—
Gullick, Ernest D. M.
Mavor, John B.
Sproul, John C. 2,695,774.
Vogel, Walter.
- Mavor, John B., assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Steering indicator for mining machines. 2,666,631, Jan. 19.
- Mayer, Frank C., to Imperial Chemical Industries Ltd. 2,684,980, Cl. 260—488.
- Maxant, William T. 2,685,267, Cl. 112—253.
- Maxim, Hiram H., to The Maxim Silencer Co. 2,692,025, Cl. 181—47.
- Maxim Silencer Co., The: *See*—
Bourne, Roland B. 2,681,516.
Maxim, Hiram H. 2,692,025.
Williamson, William R. 2,694,676.
- Maxitrol Company, assignee: *See*—
Kern, Frank, Jr.
- Maxon, Glenway, Jr. 2,674,489, Cl. 298—17.
- Maxon, Kenneth: *See*—
Bailey, Waldo S. 2,683,541.
- Maxson Automatic Machinery Co.: *See*—
Matthews, Merton L. 2,698,176.
- Maxwell, Donald E., New Canaan, Conn., assignor to General Electric Company. Transient analyzing system. 2,666,179, Jan. 12.
- Maxwell, Frank A. 2,693,389, Cl. 298—5.
- Maxwell, Ira C., and O. H. Langen, assignors, by mesne assignments, to The Unipress Company, Incorporated, Minneapolis, Minn. Rotary press. 2,669,044, Feb. 16.
- Maxwell, Ira C., O. H. Langen, and D. R. Plehal, to The Unipress Co., Inc. 2,687,241, Cl. 223—73.
- Maxwell, John. 2,692,805, Cl. 308—189.
- Maxwell, John A. 2,680,560, Cl. 232—43.2.
- Maxwell, John A. 2,681,549, Cl. 62—99.
- Maxwell, John D., Glen Head, N. Y., assignor to Powers Chemco, Inc. Plate whirler. 2,669,216, Feb. 16.
- Maxwell, Keaton B. 2,692,707, Cl. 222—449.
- Maxwell, Loyal C., and W. P. Hinkel, assignors to Armour and Company. 2,674,560, Cl. 167—75.
- Maxwell, Loyal C., and W. P. Hinkel, to Armour and Co. 2,695,861, Cl. 167—75.
- Maxwell, Pearl M. 2,696,965, Cl. 248—316.
- Maxwell, William A.: *See*—
Wright, John G., Toney, Watkins, Sudan, and Maxwell. 2,684,490.
- May, Arnold D. 2,689,739, Cl. 279—5.
- May & Baker Limited, assignee: *See*—
Barber, Harry J.
Slack, Ronald, Libman, and Pain.
- May, Bertram. 2,682,809, Cl. 90—13.05.
- May, Edward N. 2,679,372, Cl. 248—205.
- May, Edwin A., Ridgewood, assignor to Becton Dickinson and Company, Rutherford, N. J. Injection apparatus. 2,667,870, Feb. 2.
- May, Edwin A., assignor to Becton Dickinson and Company. 2,679,843, Cl. 128—173.
- May, Frederick D. 2,676,386, Cl. 29—96.
- May, George A., assignee: *See*—
Kafka, Mike P.
- May, Harry C., East McKeesport, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Power and brake controller. 2,667,247, Jan. 26.

- May, Harry C. to Westinghouse Air Brake Co. 2,682,784, Cl. 74—565.
- May, Harry C., to Westinghouse Air Brake Co. 2,682,890, Cl. 137—471.
- May Hosiery Mills: *See*—
Schwartz, Shepard B., and Muller. 2,690,104.
Schwartz, Shepard B., and Muller. 2,690,118.
- May, James R.: *See*—
Martin, Thomas B., and May. 2,678,103.
- May, John W., assignor to Deering Milliken Research Trust. 2,677,507, Cl. 242—19.
- May, John W., to Deering Milliken Research Trust. 2,687,853, Cl. 242—19.
- May, Otto H.: *See*—
Hecht, Helmut G. 2,696,165.
- May, Otto, S. Gmund, and H. Hecht, Goppingen, Germany. Long-stroke press drive means. 2,667,788, Feb. 2.
- May, Sam, assignor of one-half to R. T. Moloney, Chicago, Ill. Coin control and change apparatus. 2,669,335, Feb. 16.
- May, Sam. 2,676,688, Cl. 194—75.
- May-Sloan, Inc., assignee: *See*—
Mayer, Siegfried F. 2,677,158.
- Maybach, Karl, assignee: *See*—
Meyer, Gustav.
- Maybach, Karl. 2,680,381, Cl. 74—472.
- Maybach, Karl, to Maybach-Motorenbau G. m. b. H. 2,693,120, Cl. 74—655.
- Maybach, Karl, and R. Seifert: said Seifert assignor to Maybach-Motorenbau G. m. b. H. 2,688,259, Cl. 74—472.
- Maybach, Karl, and H. Gros: said Gros, to Maybach-Motorenbau G. m. b. H. 2,691,901, Cl. 74—655.
- Maybach-Motorenbau G. m. b. H.: *See*—
Maybach, Karl. 2,693,120.
Maybach, Karl, and Seifert. 2,688,259.
Maybach, Karl, and Gros. 2,691,901.
- Mayberry, William L. 2,694,932, Cl. 74—6.
- Mayer, Carl F., Lakewood, Ohio. Oven for drying or baking molds and cores. 2,671,969, Mar. 16.
- Mayer, Carl F. 2,678,813, Cl. 263—19.
- Mayer, Frank. 2,696,060, Cl. 43—35.
- Mayer, Gerald C.: *See*—
Wannamaker, William H., Jr., and Mayer. 2,697,191.
- Mayer, John D.: *See*—
Larson, Thorvald H., Mayer, Pfafman, Cook, and Kirkbride. 2,696,355.
- Mayer, Joseph: *See*—
Johnson, David G., and Mayer. 2,695,444.
Johnson, David G., and Mayer. 2,695,445.
- Mayer, Lazare, Chicago, Ill. Headgear. 2,666,925, Jan. 26.
- Mayer, Leonard J. 2,680,906, Cl. 30—293.
- Mayer, Leonard J. 2,694,219, Cl. 17—11.3.
- Mayer, Oscar & Co., Inc.: *See*—
Seiferth, Oscar E. 2,686,129.
Seiferth, Oscar E. 2,686,929.
Sloan, Edward C., and Wegner. 2,681,279.
- Mayer, Otto. 2,682,666, Cl. 2—175.
- Mayer, Perry E., to Allied Chemical & Dye Corp. 2,681,318, Cl. 252—421.
- Mayer, Robert: *See*—
Lefcourt, Stanley W., and Mayer. 2,698,397.
- Mayer, Robert, to Minneapolis-Honeywell Regulator Co. 2,697,417, Cl. 121—41.
- Mayer, Siegfried F., assignor to May-Sloan, Inc. 2,677,158, Cl. 20—63.
- Mayer, Simon E., and H. F. Sterling, to International Standard Electric Corp. 2,695,380, Cl. 317—238.
- Mayer, Waldemar F., to The Garrett Corp. 2,697,917, Cl. 62—6.
- Mayes, George C., and R. L. Koch, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Initiating subterranean combustion. 2,670,047, Feb. 23.
- Mayhew, J. H., Company, The, assignee: *See*—
Baker, Arthur W., and Porter. 2,676,522.
- Mayhew, Raymond L.: *See*—
Cross, James M., and Mayhew. 2,692,837.
Cross, James M., and Mayhew. 2,693,430.
- Maykemper, Henry, assignor to National Presto Industries, Inc. 2,674,054, Cl. 38—78.
- Maykuth, Daniel J.: *See*—
Jaffee, Robert I., Ogden and Maykuth.
- Mayland, Bertrand J., to Phillips Petroleum Co. 2,683,656, Cl. 48—196.
- Mayland, Bertrand J., to Phillips Petroleum Co. 2,684,895, Cl. 48—196.
- Mayland, Bertrand J., to Phillips Petroleum Co. 2,691,573, Cl. 48—210.
- Maynard, Ernest D., Lancer, Ky. Calf weaning halter. 2,672,846, Mar. 23.
- Maynard, Esther L. 2,697,303, Cl. 46—171.
- Maynard, Philip A. 2,676,333, Cl. 15—422.
- Maynard, Todd. 2,695,447, Cl. 30—2.
- Mayne, William H., assignor to O. S. Petty. 2,677,729, Cl. 179—171.
- Mayne, William H., to O. S. Petty. 2,685,815, Cl. 88—14.
- Mayner, Thomas S., to Industrial Rayon Corp. 2,681,140, Cl. 203—180.
- Maynes, Harold H., assignor to Arkell Safety Bag Company. 2,677,496, Cl. 229—55.
- Mayo, Alfred C., Richmond, England. Photographic camera and shutter mechanism therefor. 2,664,800, Jan. 5.
- Mayo, Clyde R.: *See*—
Sabel, Edward R., and Mayo. 2,684,901.
- Mayo, Clyde R., to the United States of America as represented by the Secretary of the Army. 2,684,301, Cl. 95—1.9.
- Mayo, Clyde R., and W. G. Lewis, to The Haloid Co. 2,684,902, Cl. 95—1.9.
- Mayo, Howard A., Sr., to S. Morgan Smith Co. 2,689,459, Cl. 61—26.
- Mayo, John H.: *See*—
Kendall, John D., Suggate, and Mayo. 2,697,707.
- Mayo, Reubin E. 2,688,476, Cl. 263—19.
- Mayo, Wilbur L. 2,676,771, Cl. 244—105.
- Mayrath Machinery Co., Inc., assignee: *See*—
Mayrath, Robert L.
- Mayrath, Robert L., assignor to Mayrath Machinery Co., Inc., Dodge City, Kans. Grain loader mechanism. 2,673,639, Mar. 30.
- Maytag Company, The: *See*—
Smith, Thomas R. 2,676,476.
Smith, Thomas R. 2,680,914-6.
Smith, Thomas R. 2,682,599.
Smith, Thomas R. 2,683,535.
Stratton, Frank B. 2,688,158.
- Mayurnik, George: *See*—
Scudi, John V., Moschetto, and Mayurnik. 2,680,742.
- Maze, Ralph. 2,696,043, Cl. 30—233.5.
- Mazee, Willem M.: *See*—
Van Dijk, Willem J. D., and Mazee. 2,685,557.
- Mazek, Andrew, assignor, by mesne assignments, to Pittsburgh Plate Glass Company. 2,677,436, Cl. 183—49.
- Mazeko Enterprises, Inc., assignee: *See*—
Mann, John J., and McDonnell.
- Mazerall, Edward W.: *See*—
Greenwood, Kenneth M., and Mazerall. 2,693,575.
- Mazza, Joseph F. 2,678,234, Cl. 298—17.
- Mazzatti, Louis J.: *See*—
Lozowski, Francis. 2,696,598.
- McAdam, Harry H., to W. Hodges, d. b. a. Wetmore Hodges and Associates. 2,693,313, Cl. 230—139.
- McAdams, Don R., and F. J. Buchmann, to Standard Oil Development Co. 2,686,195, Cl. 260—449.6.
- McAdams, Eugene P., to E. I. du Pont de Nemours & Co. 2,697,399, Cl. 102—21.6.
- McAdams, Frank L.: *See*—
Astin, James S., and McAdams. 2,691,713.
- McAdie, Colin H., assignor to Westinghouse Electric Corporation. 2,677,086, Cl. 318—207.
- McAlear Manufacturing Company, assignee: *See*—
Henderson, James P., and Gall.
- McAlister, David S., Charleston, S. C. Inventory and storage box for amusement tickets. 2,665,808, Jan. 12.
- McAlister, George A., Jr., assignor of $\frac{1}{2}$ to S. A. Wier and H. E. Moore. 2,676,528, Cl. 98—2.
- McAlister, George A., Jr., $\frac{1}{2}$ to S. A. Wier and H. E. Moore. 2,697,976, Cl. 98—2.
- McAlister, J. G., Inc.: *See*—
Rose, Jess C. 2,686,240.
- McAndrew, Richard T., Braintree, Mass., assignor to United States Testing Company, Incorporated, Hoboken, N. J. Coring device for baled goods. 2,666,330, Jan. 19.
- McAninch, Herbert A., and B. Tharpe, to Borg-Warner Corp. 2,697,355, Cl. 74—15.86.
- McAnly, William E., Arcadia, Fla. Animal feeding device. 2,673,551, Mar. 30.
- McAnly, William E. 2,691,361, Cl. 119—54.
- McArn, Theodore A., assignor to Downingtown Manufacturing Company, Downingtown, Pa. Automatic cut-off for paperboard machines. 2,667,821, Feb. 2.
- McArn, Theodore A., assignor to Downingtown Manufacturing Co. 2,676,387, Cl. 29—115.
- McArn, Theodore A., to Downingtown Mfg. Co. 2,691,326, Cl. 92—49.
- McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Magnetron. 2,668,929, Feb. 9.
- McAteer, James H., and H. K. Wiese, Cranford, N. J., assignors to Standard Oil Development Company. Separation of isomeric alcohols by selective acetalization. 2,673,222, Mar. 23.
- McAuley, J. E. Mfg. Co., assignee: *See*—
Hahn, Charles A.
- McAuley, James H.: *See*—
Graetz, William P., and McAuley.
- McAuley, James W.: *See*—
Young, Thomas K., and McAuley.
- McAuley, James W., to Libbey-Owens-Ford Glass Co. 2,692,836, Cl. 117—54.
- McAuley Manufacturing, Inc., assignee: *See*—
Graetz, William P., and McAuley.
- McBain, Kenneth C., and D. K. MacBain, to Dr. P. A. Dewhirst. 2,688,341, Cl. 137—630.14.
- McBean, Douglas M., Rochester, N. Y. Pressure can having a flexible material holding bag therein. 2,671,578, Mar. 9.
- McBean, Douglas M., to Carter Products, Inc. 2,684,805, Cl. 226—100.
- McBean, Douglas M., to Carter Products, Inc. 2,684,806, Cl. 226—100.
- McBean, Douglas M., Rochester, N. Y., and L. J. De Costa, Rutherford, N. J., assignors, by mesne assignments, to Carter Products, Inc., New York, N. Y. Charging compositions, including a volatile propellant in pressure-tight containers. 2,671,590, Mar. 9.

- McBean, Douglas M., and L. C. Tallman, to McBean Research Corp. 2,696,776, Cl. 99—356.
 McBean Research Corp.: *See*—
 McBean, Douglas M., and Tallman. 2,696,776.
 McRee Co., The: *See*—
 Burke, William F., and Essex. 2,674,225.
 Cone, Richard E. 2,675,619.
 Dutro, Orville V.
 Dutro, Orville, and Freedman. 2,683,409.
 McBrayer, Marvin L.: *See*—
 Edgerton, Albert K., and McBrayer. 2,692,972.
 McBride, Delroy. 2,674,257, Cl. 137—165.
 McBride, John A., to Phillips Petroleum Co. 2,695,316, Cl. 260—608.
 McBride, John L., ½ to C. T. Stewart. 2,682,422, Cl. 286—11.14.
 McBride, Maurice G.: *See*—
 Lovegrove, Henry J., and McBride.
 McBrien, Roger W.: *See*—
 Richards, Freddie B., and McBrien. 2,693,015.
 McBurney, Charles H., to Rohm & Haas Co. 2,689,227, Cl. 260—2.1.
 McCabe, Ira E., Chicago, Ill. Fuel burner interlocking safety control. 2,671,502, Mar. 9.
 McCabe, Ira E. 2,678,233, Cl. 297—11.
 McCabe, John B.: *See*—
 Heil, Julius P., McCabe, and Meyer. 2,685,358.
 McCabe, John B., to Cherry-Burrell Corp. 2,681,723, Cl. 198—27.
 McCabe, John B., to Cherry-Burrell Corp. 2,681,872, Cl. 134—23.
 McCabe-Powers Auto Body Co.: *See*—
 Balogh, Roy O. 2,687,808.
 Balogh, Roy O. 2,687,809.
 Mills, Edgar D. 2,695,082.
 McCabe, Raleigh. 2,695,610, Cl. 128—159.
 McCaffrey-Ruddock Tagline Corp.: *See*—
 Leroy, Louis. 2,684,816.
 McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for applying sticky strand material to articles. 2,666,591, Jan. 19.
 McCain, Cecil C., assignor to Western Electric Company, Incorporated. 2,678,467, Cl. 18—19.
 McCain, William W., and C. E. Hillman, said Hillman assignor to said McCain. 2,678,748, Cl. 216—33.
 McCain, William W., and C. E. Hillman; said Hillman assor, to said McCain. 2,697,236, Cl. 11—1.
 McCaleb, Albert G.: *See*—
 Minor, Charles G. 2,674,511.
 Minor, Charles G. 2,691,563.
 McCaleb, Kirtland E.: *See*—
 Ralls, Jack W., Wildman, McCaleb, and Wilds. 2,674,627.
 McCaleb, Ruth F.: *See*—
 Minor, Charles G. 2,674,511.
 Minor, Charles G. 2,691,563.
 McCall, Arthur B., and V. C. Barnett. 2,675,093, Cl. 183—45.
 McCall, Floyd, and L. Romoland, Calif. Side delivery rake. 2,667,730, Feb. 2.
 McCall, John S. 2,696,195, Cl. 119—133.
 McCall, Lloyd: *See*—
 McCall, Floyd and L.
 McCall, Marvin A.: *See*—
 Coover, Harry W., Jr., and McCall. 2,682,522.
 McCall, William B. 2,674,982, Cl. 123—13.
 McCallum, Robert A.: *See*—
 Vanderzee, Harry H., and McCallum.
 Vanderzee, Harry H., and McCallum. 2,697,607.
 Vanderzee, Harry H., and McCallum. 2,697,608.
 McCallum, Robert A., Clarendon Hills, assignor to Goodman Manufacturing Company, Chicago, Ill. Sawing machine with sequentially operated holder-guard and saw. 2,667,903, Feb. 2.
 McCallum, Robert A., assignor to Goodman Manufacturing Company. 2,677,454, Cl. 198—109.
 McCallum, Robert A., to Goodman Mfg. Co. 2,686,457, Cl. 90—7.
 McCallum, Russell D.: *See*—
 Davis, Ernest, and McCallum.
 McCammant, Leonard H.: *See*—
 Koebbeman, Ralph F., and McCammant. 2,698,051.
 McCandless, Stanley, Hamden, Conn., assignor to Century Lighting, Inc., New York, N. Y. Electric lighting fixture. 2,668,904, Feb. 9.
 McCann, Keith, assignor to Goodman Manufacturing Company. 2,677,456, Cl. 198—184.
 McCanna, Louis A.: *See*—
 Pauley, Robert D., and McCanna.
 McCants, James F. 2,690,992, Cl. 202—39.5.
 McCants, James F. 2,690,994, Cl. 202—42.
 McCarley, Charleston G. 2,692,695, Cl. 214—454.
 McCarn, Burtis B. 2,681,815, Cl. 285—146.
 McCarran, Thomas A.: *See*—
 Davis, Loren R., and McCarran. 2,686,699.
 McCarran, Thomas A., to Kaiser Metal Products, Inc. 2,686,700, Cl. 311—4.
 McCarron, Donald F., to Knapp-Monarch Co. 2,691,498, Cl. 248—13.
 McCarthy, Agnes G. 2,688,324, Cl. 128—76.
 McCarthy, Charles A., and S. H., New York, N. Y. Television and radio memorandum device. 2,673,097, Mar. 23.
 McCarthy, Henry L.: *See*—
 Pilla, Lucian E. 2,686,314.
 McCarthy, J. Clarence, to Armstrong Cork Co. 2,689,981, Cl. 18—48.8.
 McCarthy, John J. 2,675,571, Cl. 15—131.
 McCarthy, John R., assignor to E. I. du Pont de Nemours and Company. 2,676,122, Cl. 117—139.5.
 McCarthy, Lucy A., to Swank, Inc. 2,684,757, Cl. 206—44.
 McCarthy, Marion S. 2,682,402, Cl. 272—83.
 McCarthy, Raymond L.: *See*—
 McCarthy, William J. 2,695,797.
 McCarthy, Russell J., Detroit, and M. E. Siegert, Plymouth, assignors to Ford Motor Company, Dearborn, Mich. Extensible visor for motor vehicles. 2,667,222, Jan. 26.
 McCarthy, Stanley J. 2,680,481, Cl. 160—206.
 McCarthy, Susan H.: *See*—
 McCarthy, Charles A. and S. H.
 McCarthy, Thomas E.: *See*—
 McCarthy, William J. 2,695,797.
 McCarthy, Vincent J.: *See*—
 Snyder, Clifford H., Lamm, Carothers, and McCarthy. 2,694,562.
 McCarthy, William J., deceased (T. E. and R. L. McCarthy, administrators). 2,695,797, Cl. 285—149.
 McCartney, Geoffrey L., Atlanta, Ga. Injector-ejector boat cleaner. 2,672,113, Mar. 16.
 McCartney, Geoffrey L., Atlanta, Ga. Injector-ejector attachment for outboard motors. 2,672,114, Mar. 16.
 McCarty, Chester A., Palm Springs, Calif. Cooling system for automotive vehicles. 2,667,045, Jan. 26.
 McCarty, Lewis C., Jr., and H. G. Felio, to The Marine Aircraft Corp. 2,686,323, Cl. 9—3.
 McCarty, Lourdes V.: *See*—
 Johnson, Roy W., and McCarty. 2,683,565.
 McCarty, Orin P.: *See*—
 Foley, Robert T., and McCarty. 2,680,174.
 McCarty, T. S.: *See*—
 Besse, Carl H. 2,690,808.
 McCarty, Walter P.: *See*—
 Sharp, John C., and McCarty. 2,687,633.
 McCarty, Williard R., to Wagner Electric Corp. 2,696,659, Cl. 29—155.57.
 McCarvell, John H.: *See*—
 Carlisle, Willis C., and McCarvell.
 McCarvell, John H., assignor to Macco Oil Tool Company. 2,674,267, Cl. 137—632.
 McCaskey, Dalton B.: *See*—
 Coleman, Gerald H., and McCaskey. 2,688,637.
 McCaskey, Dalton B., assignor to The Dow Chemical Company. 2,678,336, Cl. 260—613.
 McCaskill, William B.: *See*—
 Guess, Algernon P., and McCaskill. 2,693,462.
 McCaul, Edward W.: *See*—
 Otto, Stanley W., and McCaul. 2,696,742.
 McCaulay, David A.: *See*—
 Lien, Arthur P., and McCaulay. 2,683,763.
 Lien, Arthur P., and McCaulay. 2,683,764.
 McCaulay, David A., and A. P. Lien, to Standard Oil Co. 2,683,758, Cl. 260—668.
 McCaulay, David A., and A. P. Lien, to Standard Oil Co. 2,683,759, Cl. 260—671.
 McCaulay, David A., and A. P. Lien, to Standard Oil Co. 2,683,760, Cl. 260—671.
 McCaulay, David A., and A. P. Lien, to Standard Oil Co. 2,683,761, Cl. 260—671.
 McCaulay, David A., and A. P. Lien, to Standard Oil Co. 2,683,762, Cl. 260—674.
 McCavic, Anthony F. 2,683,452, Cl. 128—28.
 McChesney, Cuyler S., to Dunlop Tire and Rubber Corp. 2,681,770, Cl. 242—3.
 McChesney, Irvin G., ½ to S. T. Powell. 2,687,185, Cl. 183—32.
 McChrystal, Richard G., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Producing gels. 2,667,457, Jan. 26.
 McChrystal, Richard G., and C. R. Fast, assignors to Stanolind Oil and Gas Company. 2,675,354, Cl. 252—8.55.
 McClanahan, Floyd H., and N. M. Lytle. 2,675,650, Cl. 50—35.
 McClean, Thomas S., Indianapolis, Ind. Rotary coating and drying apparatus. 2,672,843, Mar. 23.
 McCleery, James A.: *See*—
 Hollingsworth, Douglas T., and McCleery. 2,680,086.
 McClellan, Marcus E., to Deere Mfg. Co. 2,687,608, Cl. 56—377.
 McClellan, Marcus E., and A. B. Skromme, Ottumwa, W. F. Manns, Albia, and S. F. Bright, Ottumwa, assignors to Deere Manufacturing Co., Dubuque, Iowa. Folding bale case extension for balers. 2,672,807, Mar. 23.
 McClellan, Marcus E., R. U. Zollars, and J. H. Berry, to Deere Mfg. Co. 2,695,816, Cl. 302—37.
 McClellan, Ralph E., assignor to Meilink Steel Safe Company. 2,675,277, Cl. 308—3.8.
 McClellan, Ralph E., to Meilink Steel Safe Co. 2,681,018, Cl. 109—74.

- McClellan, William R., Kennett Square, Pa., to E. I. du Pont de Nemours and Company, Wilmington, Del. Urea-formaldehyde primary alkylene diamine condensation products. 2,668,155, Feb. 2.
- McClellan, William R., to E. I. du Pont de Nemours and Co. 2,686,136, Cl. 117—103.
- McClenahan, Harold E. 2,680,032, Cl. 287—14.
- McClintock, Thomas I., New Kensington, Pa., and A. L. Hurst, Lafayette, Ind., assignors to Aluminum Company of America, Pittsburgh, Pa. Metal-working process and product. 2,670,309, Feb. 23.
- McCloskey, Ellsworth J., to The American Pulley Co. 2,696,997, Cl. 287—53.
- McCloud, Dwite M.: *See*—
Rohrback, Gilson H., McCloud, and Scott. 2,684,332.
Rohrback, Gilson H., McCloud, and Scott. 2,684,333.
- McCloud, Effie E. 2,688,294, Cl. 112—218.
- McClow, Wayne W., to Allied Chemical & Dye Corp. 2,693,283, Cl. 214—17.
- McCloy, Graham S., to Westinghouse Electric Corp. 2,681,550, Cl. 62—116.
- McCloy, Graham S., to Westinghouse Electric Corp. 2,683,376, Cl. 74—128.
- McClure, Carroll D., and R. L. Mills, to Socony-Vacuum Oil Co., Inc. 2,684,468, Cl. 333—70.
- McClure, Natholean. 2,675,463, Cl. 240—217.
- McClure, William L., Arden, Del., assignor to Sun Oil Company, Philadelphia, Pa. Apparatus and method for contacting solids with gases. 2,671,057, Mar. 2.
- McClure, William L., to Sun Oil Co. 2,681,833, Cl. 302—53.
- McClure, William L., to Sun Oil Co. 2,684,270, Cl. 302—62.
- McClure, William L., to Sun Oil Co. 2,689,153, Cl. 302—59.
- McColl, John D.: *See*—
Smart, David L., and McColl. 2,674,714.
- McCollom, Kenneth A., and D. R. de Boisblanc, to Phillips Petroleum Co. 2,695,987, Cl. 324—16.
- McCollum, Elmer V. 2,691,239, Cl. 45—80.
- McCollum, Elmer V. and A. A. Siegenthaler, to Research Corp. 2,681,927, Cl. 260—529.
- McColm, Clifford S.: *See*—
Green, Donald T., and McColm. 2,675,486.
- McComas, Arthur D., Jr., to Bendix Aviation Corp. 2,684,455, Cl. 315—27.
- McComb, Richard J. 2,690,305, Cl. 238—366.
- McCombie, John T.: *See*—
Coppock, Philip D., and McCombie. 2,695,285.
- McCombs, J. B., Jr.: *See*—
Mathis, Clyde H., Van Perry, and McCombs. 2,696,464.
- McConaughay, Kenneth E., Lafayette, Ind. Paving machine. 2,669,915, Feb. 23.
- McConnell, Charles H., assignor to Boeing Airplane Company. 2,676,038, Cl. 285—90.
- McConnell, David H.: *See*—
Aller, Willis F., and McConnell. 2,675,622.
- McConnell, Donald G., and R. A. Myers, to Douglas Aircraft Co., Inc. 2,691,092, Cl. 240—11.4.
- McConnell, Elliott B., Shaker Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Treating hydrocarbons with a double-function catalyst. 2,666,732, Jan. 19.
- McConnell, Frank J.: *See*—
Welch, Nicholas A., and McConnell. 2,675,692.
- McConnell, Frank J., to The American Hardware Corp. 2,694,916, Cl. 70—146.
- McConnell, Frank J., and I. J. Fletcher, to The American Hardware Corp. 2,697,342, Cl. 70—216.
- McConnell, Malcolm F., Jr.: *See*—
Hall, John M., Andrews, Madsen, and McConnell. 2,685,794.
- McConnell, Robert A., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. 2,678,439, Cl. 343—7.7.
- McConnell, Roland G., Portland, assignor to Sebago-Moe Shoe Company, Westbrook, Maine. Flexible welt shoe with staggered lock-stitching. 2,665,504, Jan. 12.
- McConnell, Vernon O.: *See*—
McIlhenny, William F., and McConnell.
- McConnell, Wayne V.: *See*—
Bell, Alan, and McConnell. 2,694,724.
- McConnell, William P. 2,682,061, Cl. 5—97.
- McCool, John C., assignor to The B. F. Goodrich Company. 2,678,939, Cl. 260—455.
- McCord, Georgie P., to United States Rubber Co. 2,689,377, Cl. 18—38.
- McCormack, Lawrence E., to Gunito Concrete and Construction Co. 2,690,901, Cl. 259—151.
- McCormack, William B., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Phosphorus-containing polymers. 2,671,077, Mar. 2.
- McCormack, William B., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Phosphorus-containing polymers. 2,671,078, Mar. 2.
- McCormack, William B., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Phosphorus-containing polymers. 2,671,079, Mar. 2.
- McCormack, William B., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Phosphorus-containing polymers. 2,671,080, Mar. 2.
- McCormick Brothers Company, assignee: *See*—
McCormick, Morris D.
- McCormick, Charles E., Dearborn, Mich. Adjustable seat supporting means. 2,667,912, Feb. 2.
- McCormick, Charles E., Dearborn, Mich. Vehicle seat. 2,672,923, Mar. 23.
- McCormick, Dean D., Painesville, assignor to Diamond Alkali Company, Cleveland, Ohio. Plug setter. 2,664,953, Jan. 5.
- McCormick, Francis H., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,668,221, Feb. 2.
- McCormick, Francis H., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,668,222, Feb. 2.
- McCormick, Francis H., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,668,223, Feb. 2.
- McCormick, Francis H., to General Motors Corp. 2,693,523, Cl. 219—37.
- McCormick, Jerry R. D.: *See*—
Phelps, Allen S., Muller, and McCormick. 2,694,667.
- McCormick, Jerry R. D., and S. A. Muller, assignors to American Cyanamid Company. 2,678,297, Cl. 167—81.
- McCormick, Jerry R. D., and S. A. Muller, to American Cyanamid Co. 2,683,680, Cl. 167—81.
- McCormick, Jerry R. D., and S. A. Muller, to American Cyanamid Co. 2,683,681, Cl. 167—81.
- McCormick, Lloyd A., and E. H. Lindeman, to The Studebaker Corp. 2,692,134, Cl. 267—49.
- McCormick, Michael, assignor of $\frac{1}{2}$ to G. Candler. 2,679,658, Cl. 15—265.
- McCormick, Michael. 2,687,533, Cl. 3—32.
- McCormick, Morris D., Muncie, assignor to McCormick Brothers Company, Albany, Ind. Folding table with cross legs. 2,666,682, Jan. 19.
- McCoy, Clarence E., Clarendon Hills, and B. L. Wright, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Article feeding device. 2,666,255, Jan. 19.
- McCoy, Claudius T., Narberth, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Electrical pulse-width discriminator. 2,668,236, Feb. 2.
- McCoy, Frederic C.: *See*—
Bos, Louis B., and McCoy. 2,681,891.
- McCoy, Frederic C., B. L. Bengel, E. C. Knowles, and C. C. Towne, assignors to The Texas Company. 2,674,577, Cl. 252—42.7.
- McCoy, George, C. E. Inman, and P. G. Haines, to The Pennsylvania Salt Mfg. Co. 2,686,202, Cl. 260—543.
- McCoy, John D. 2,696,856, Cl. 144—116.
- McCoy, John H., Huntington, N. Y., assignor to the United States of America as represented by the Secretary of the Army. Teletypewriter frequency shift transmission. 2,672,509, Mar. 16.
- McCoy, Paul E., assignor, by mesne assignments, to American Bitumuls & Asphalt Company, San Francisco, Calif. Manufacture of bituminous emulsions. 2,670,304, Feb. 23.
- McCoy, Paul E., Oakland, and C. E. Neill, El Cerrito, assignors, by mesne assignments, to American Bitumuls & Asphalt Company, San Francisco, Calif. Oil-in-water coal tar emulsion and making it. 2,670,332, Feb. 23.
- McCoy, Ralph E., to International Business Machines Corp. 2,696,848, Cl. 140—1.
- McCoy, Robert E., and M. Kalfaian; said Kalfaian assignor to said McCoy. 2,677,723, Cl. 178—5.4.
- McCoy, Robert H., Salt Lake City, Utah. Compound leverage metal-cutting shears. 2,665,755, Jan. 12.
- McCracken, Edward A., and A. L. Chaney, Baton Rouge, La., assignors to Standard Oil Development Company. High extrusion modified isoocten-multiocten copolymers. 2,671,774, Mar. 9.
- McCracken, Edward A., and J. L. Betts, Jr., assignors to Standard Oil Development Company. 2,676,951, Cl. 260—82.3.
- McCrary, Murray J., Weatherby, Mo. Nipple for calf feeding buckets. 2,672,124, Mar. 16.
- McCraw, Laura P., executrix: *See*—
McCraw, William S. 2,681,888.
- McCraw, William S., deceased; L. P. McCraw, executrix. 2,681,888, Cl. 204—304.
- McCready, Charles T., Onley, Va. Vine turner attachment for cultivators. 2,664,806, Jan. 5.
- McCready, Rolland M.: *See*—
Shepherd, Allan D., McCready, and Owens.
- McCreary, Chester L., to Union Oil Co. of California. 2,692,649, Cl. 169—4.
- McCreary, Harold J., assignor to Automatic Electric Laboratories, Inc. 2,674,734, Cl. 340—351.
- McCreary, Harold J., assignor to Automatic Electric Laboratories, Inc. 2,677,079, Cl. 317—235.
- McCreary, Ralph L., to Collins Radio Co. 2,685,071, Cl. 339—35.
- McCreery, Jesse. 2,690,722, Cl. 112—140.
- McCrery, Harold E., assignor, by mesne assignments, to Master Vibrator Company, Dayton, Ohio. Blade attaching means. 2,667,824, Feb. 2.
- McCrery, Harold E., to Master Vibrator Co. 2,689,507, Cl. 94—45.
- McCrink, Joseph J., West Orange, N. J. Pressure gauge. 2,664,750, Jan. 5.
- McCrosky Tool Corp.: *See*—
Skeel, Lewis. 2,690,611.
- McCrosen, Fred C., I. F. Salminen, and A. Weissberger, to Eastman Kodak Co. 2,688,544, Cl. 95—6.

- McCrosen, William G., West Allis, Wis. Demountable truck body. 2,665,938, Jan. 12.
- McCrosen, William G. 2,681,159, Cl. 214—38.
- McCubbin, William P. 2,693,851, Cl. 160—328.
- McCuen, Charles L., to General Motors Corp. 2,686,505, Cl. 123—48.
- McCuiston, Tommy J. 2,695,037, Cl. 137—792.
- McCulloch Motors Corp.: *See*—
- Berge, Herbert N. 2,693,207.
- Firth, George. 2,695,856.
- Jovanovich, Dragoljub K.
- Jovanovich, Dragoljub K. 2,696,271.
- McCulloch, Thomas, Jr., and D. Revak, to United States Steel Corp. 2,696,175, Cl. 104—264.
- McCullough, C. R., assignee: *See*—
- McCullough, William C.
- McCullough, Edward M.: *See*—
- Born, Ellis H., McCullough, and Bonnette. 2,696,189.
- McCullough, Gerald W.: *See*—
- Dolezal, Edward, Hays, McCullough, and Hachmuth.
- McCullough, Gerald W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Submerged-blast sparging apparatus. 2,671,652, Mar. 9.
- McCullough, Jack A.: *See*—
- Eitel, William W., McCullough, Sorg, and Murdock. 2,693,545.
- Eitel, William W., McCullough, Sorg, Murdock, and Williams. 2,688,707.
- Eitel, William W., McCullough, Sorg, Murdock, and Williams. 2,697,796.
- McCullough, Paul J., assignor, by mesne assignments, to The Toastwell Company, Inc. 2,675,447, Cl. 200—166.
- McCullough, Robert J., Celina, Ohio. Anchor support for boats. 2,667,140, Jan. 26.
- McCullough, William C., Sandpoint, Idaho, assignor of one-half to C. R. McCullough, Kalispell, Mont. Bait casting apparatus. 2,671,289, Mar. 9.
- McCullough, William H.: *See*—
- Hillenbrand, George C., and McCullough.
- McCune, John S., and W. E. Hanks, assignors to Oilwell Drain Hole Drilling Co., Long Beach, Calif. Flexible shaft well drilling equipment. 2,667,332, Jan. 26.
- McCune, Joseph C., Edgewood, Pa., assignor to Westinghouse Air Brake Company. Disk brake. 2,666,503, Jan. 19.
- McCune, Joseph C., Edgewood, Pa., assignor to Westinghouse Air Brake Company. Disk brake. 2,666,505, Jan. 19.
- McCune, William J., Jr.: *See*—
- Bachelder, Albert J., and McCune. 2,698,243.
- McCurdy, Everett D., trustee, assignee: *See*—
- Brennan, Joseph B.
- McCurdy, John L.: *See*—
- Amos, James L., McCurdy, and McIntire. 2,694,692.
- McCurdy, John L., Midland, and C. E. De Long, Freeland, assignors to The Dow Chemical Company, Midland, Mich. Production of cellular thermoplastic products. 2,669,751, Feb. 23.
- McCurdy, John L., and L. Kin, assignors to The Dow Chemical Company. 2,676,927, Cl. 260—2.5.
- McCurdy, John L., and L. Kin, assignors to The Dow Chemical Company. 2,676,946, Cl. 260—45.75.
- McCutchan, Donald S., assignee: *See*—
- McCutchan, Edward E.
- McCutchan, Edward E., San Bernardino, assignor of fifty percent to R. E. McCutchan, Long Beach, and fifty percent to D. S. McCutchan, San Bernardino, Calif. Egg washer. 2,673,361, Mar. 30.
- McCutchan, Philip, and D. A. Young, to Union Oil Company of California. 2,682,765, Cl. 73—36.
- McCutchan, Robert E., assignee: *See*—
- McCutchan, Edward E.
- McCutchen, James M.: *See*—
- Atkinson, John F., Kelley, and McCutchen. 2,695,991.
- McCutchen, John E., to The Coleman Co., Inc. 2,685,335, Cl. 158—94.
- McCutchen, Joseph K. 2,682,841, Cl. 112—79.
- McCutcheon, Kenneth C., Ashland, Ky., assignor to Reserve Mining Company, Babbitt, Minn. Charging a blast furnace. 2,671,017, Mar. 2.
- McDaniel, Eskel J.: *See*—
- Summers, Arthur R. 2,685,700.
- McDaniel, James W., to G. E. Dennis. 2,685,308, Cl. 139—149.
- McDaniel, Jeremiah H. 2,676,498, Cl. 76—69.
- McDaniel, Quinten G., assignor of 20% to W. G. Jarrell Machine Co., 20% to R. P. Bullard, 30% to W. W. Jarrell, 20% to Mrs. M. J. Cruse, and 10% to R. K. Jarrell. 2,678,112, Cl. 184—15.
- McDaniel, Rankin H., assignor to Solar Aircraft Company. 2,680,797, Cl. 219—8.
- McDaniel, Thomas E. 2,696,402, Cl. 296—12.
- McDermid, Malcolm: *See*—
- Nettekoven, William F., Buchan, and McDermid. 2,676,739.
- McDermott, Henry J., assignor to American Viscose Corporation. 2,676,565, Cl. 118—325.
- McDermott, Henry J., to American Viscose Corp. 2,684,755, Cl. 203—340.
- McDermott, Henry J., to American Viscose Corp. 2,690,313, Cl. 242—157.
- McDermott, Henry J., to American Viscose Corp. 2,690,663, Cl. 68—19.
- McDermott, Henry J., to American Viscose Corp. 2,696,636, Cl. 18—8.
- McDermott, Henry J., to American Viscose Corp. 2,696,637, Cl. 18—8.
- McDermott, John P., to Standard Oil Development Co. 2,689,258, Cl. 260—461.
- McDermott, Louis W. 2,675,248, Cl. 280—412.
- McDevitt, Frank J. 2,691,271, Cl. 60—59.
- McDevitt, John W. 2,688,290, Cl. 107—67.
- McDill, William H.: *See*—
- Coleman, Ralph M., Ballentine, and McDill. 2,675,642.
- McDonald, A. Y., Manufacturing Co., assignee: *See*—
- MacNeille, Martin B., and Kabele. 2,677,327.
- McDonald, Archibald L. 2,697,606, Cl. 273—53.
- McDonald, B. F., Co.: *See*—
- Marx, Erich. 2,688,747.
- McDonald, Daniel T., and L. Hickman; said Hickman to American Meter Co., Inc., and said McDonald to Magnolia Petroleum Co. 2,685,493, Cl. 346—124.
- McDonald, Donald. 2,680,048, Cl. 312—31.1.
- McDonald, Duncan, to The British Thomson-Houston Co. Ltd. 2,682,168, Cl. 73—73.
- McDonald, Edwin P., and J. Conlogue, Chicago, Ill., assignors to International Harvester Company. Article for flash welding track rollers. 2,665,361, Jan. 5.
- McDonald, Gordon R., assignor to General Electric Company. 2,679,625, Cl. 322—76.
- McDonald, John B., Palos Verdes, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Line binder. 2,665,867, Jan. 12.
- McDonald, John J., Jr., and H. J. Gruthusen. 2,674,000, Cl. 15—137.
- McDonald, Louis. 2,697,695, Cl. 252—116.
- McDonald, Louis, to Kelite Products, Inc. 2,687,346, Cl. 41—42.
- McDonald, Louis, and A. E. Hawley, assignors to Kelite Products, Inc. 2,674,523, Cl. 41—42.
- McDonald & Miller, Inc.: *See*—
- Kmiecik, Leopold J., and Hegstad. 2,693,817.
- McDonald Products Corp.: *See*—
- Jones, Walter L. 2,685,981.
- McDonald, Russell M. 2,697,175, Cl. 290—50.
- McDonald, William J., assignor to Porcelain Metals Corporation, Louisville, Ky. Combined support and caulked drain fitting for shower receptors. 2,672,205, Mar. 16.
- McDonnell Aircraft Corp.: *See*—
- Edwards, Lawrence K. 2,684,217.
- Hohenemser, Kurt H. 2,680,579.
- Hurkamp, Charles H., and Tilney. 2,680,952.
- Irwin, Donald W. 2,681,043.
- Marschner, Charles F. 2,695,436.
- Ostroff, Harold H. 2,688,845.
- Page, Thomas J. 2,689,010.
- Zakhartchenko, Constantine L. 2,689,011.
- McDonnell, James A.: *See*—
- Mann, John J., and McDonnell.
- McDonnell & Miller, Inc., assignee: *See*—
- Kmiecik, Leopold J.
- Kmiecik, Leopold J. 2,695,032.
- Kmiecik, Leopold J., and Hegstad. 2,674,475.
- McDonnell, Joseph M.: *See*—
- Worden, Donald P., McDonnell, and Payne. 2,680,180.
- McDonough, John J., Belmont, assignor to Scott & Williams, Incorporated, Laconia, N. H. Circular multifeed hosiery knitting machine. 2,664,723, Jan. 5.
- McDonough, Paul F., Dorchester, Mass. Apparatus for lifting bricks. 2,666,663, Jan. 19.
- McDonough, Paul F., Dorchester, Mass. Machine for grinding ceilings. 2,670,577, Mar. 2.
- McDowall, Charles J., to General Motors Corp. 2,690,248, Cl. 192—113.
- McDowall, Charles J., J. B. Wheatley, O. P. Prachar, and A. W. Gaubatz, assignors to General Motors Corporation. 2,675,174, Cl. 230—122.
- McDowell, Charles W., to the United States of America as represented by the Secretary of the Air Force. 2,683,368, Cl. 73—12.
- McDowell Mfg. Co.: *See*—
- Hempel, Gustav A. 2,681,630.
- Hempel, Gustav A. 2,693,203.
- McDowell, Richard H., to Alginate Industries Ltd. 2,686,127, Cl. 99—131.
- McDowell, Thomas E.: *See*—
- Cochran, Donald J., and McDowell. 2,683,287.
- McDowell, Thomas E., to The Pyle National Co. 2,685,641, Cl. 240—41.
- McDuffie, John C., Jr.: *See*—
- Allen, Thomas O., and McDuffie. 2,689,008.
- McEachran, Paul R., assignor of fifty per cent to H. R. Pauley, Los Angeles, Calif. Block-forming machine. 2,670,516, Mar. 2.
- McElvey, Clark A. 2,677,505, Cl. 241—42.
- McElgin, John W., to John J. Nesbitt, Inc. 2,696,948, Cl. 236—37.
- McElhaney, Earl J. 2,686,438, Cl. 76—67.
- McElhattan, Kenton E., to Joy Mfg. Co. 2,691,513, Cl. 262—29.
- McElhinney, E. M., and T. A. Podhajsky. 2,698,106, Cl. 214—141.
- McElroy, Clifford T.: *See*—
- Lewis, Rehbock, and McElroy. 2,695,857.
- McElroy, John F., Somerville, N. J., assignor to Permacel Tape Corporation. Nitrogen derivatives of tetraacetic acids as rubber stabilizers. 2,667,522, Jan. 26.

- McElveen, Jackson V. 2,697,425, Cl. 124—19.
 McElvenny, William H., Drexell Hill, Pa., assignor to Crane Packing Company, Chicago, Ill. Electric control for motors. 2,670,001, Feb. 23.
 McElwee, Joseph A., to The Ohio Boxboard Co. 2,686,627, Cl. 229—19.
 McEneaney, Hugh G., New York, N. Y. Locking device for electrical connections. 2,664,734, Jan. 5.
 McEver, Sam, Brookhaven, Ga. Box dumping machine. 2,672,996, Mar. 23.
 McEvoy, James E.: *See*—
 Barnard, Clayton H., and McEvoy. 2,689,478.
 McEvoy, James E., assignor to Bailey Meter Company. 2,674,879, Cl. 73—190.
 McEvoy, James E., and A. J. Hornfeck, to Bailey Meter Co. 2,685,203, Cl. 73—362.
 McEwen, Robert L., and F. R. Sheldon, to Buffalo Electro-Chemical Co. 2,692,181, Cl. 8—104.
 McEwen, Willard L., assignor to American Cyanamid Company. 2,675,384, Cl. 260—250.
 McFadden, George F., to C. M. O'Boyle. 2,683,528, Cl. 206—46.
 McFadden, Paul S., and W. L. Marshall, to Westinghouse Electric Corp. 2,691,197, Cl. 22—195.
 McFadden, Warren, assignor to Denison University, Granville, Ohio. Tool for removing and replacing springs. 2,673,392, Mar. 30.
 McFadyen, Richard, Upper Montclair, assignor to Ketcham & McDougall, Inc., East Orange, N. J. Memorandum roll holder. 2,673,098, Mar. 23.
 McFall, Charles R., assignor to Johnson City Foundry & Machine Works, Inc. 2,676,627, Cl. 144—178.
 McFall, Joe B., to United States Plywood Corp. 2,687,754, Cl. 144—279.
 McFarland, Albert: *See*—
 Lusky, John Jr., Henry, and McFarland.
 McFarland Awning Corp.: *See*—
 West, Robert W. 2,685,885.
 McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Fluid exhaust means for hydraulically operated clutches. 2,670,828, Mar. 2.
 McFarland, Forest R., to Packard Motor Car Co. 2,689,029, Cl. 193—075.
 McFarland, Forest R., to Packard Motor Car Co. 2,691,940, Cl. 103—4.
 McFarland, Forest R., to Packard Motor Car Co. 2,693,810, Cl. 137—51.
 McFarland, Forest R., to Packard Motor Car Co. 2,694,948, Cl. 74—645.
 McFarland, Forest R., to Packard Motor Car Co. 2,694,949, Cl. 74—732.
 McFarland, Leonard K.: *See*—
 Pollock, Earl S., Groff, McFarland, and Stichler. 2,683,447.
 McFarland Manufacturing Corporation, assignee: *See*—
 Moore, Dallas H. 2,674,750.
 McFarland, Merrill J. 2,679,156, Cl. 72—28.
 McFarland, Rolland, Jr., to Hills-McCanna Co. 2,684,829, Cl. 251—331.
 McFarland, William O. 2,683,933, Cl. 33—98.
 McFarlane, Samuel B.: *See*—
 Jones, Wilford D., and McFarlane.
 McFarlane, Thomas P., Farmington, Conn., assignor to National Lead Company, New York, N. Y. Manufacture of storage batteries. 2,665,324, Jan. 5.
 McFarlane, Thomas P., Farmington, Conn., and O. Konig, assignors to National Lead Company, New York, N. Y. Negative plate material for storage batteries. 2,665,323, Jan. 5.
 McFarlane, William D., to Canadian Breweries Ltd. 2,688,550, Cl. 99—48.
 McFarlin, Robert W. 2,680,233, Cl. 339—21.
 McFaull, Clarence. 2,697,459, Cl. 144—34.
 McFee, Earl P., Gloucester, Mass., assignor to Monsanto Chemical Company. Stabilization of fish press liquor. 2,667,416, Jan. 26.
 McGaffey-Taylor Corporation, assignee: *See*—
 Haines, Marcus W.
 McGarry, James W., Cincinnati, and B. W. Wickemeier, Hamilton County, assignors to Railroad Products Company, Cincinnati, Ohio. Water service device. 2,665,710, Jan. 12.
 McGarvey, Alan R.: *See*—
 Lewis, Mathias S., and McGarvey. 2,675,623.
 McGarvey, Alan R., to Armstrong Cork Co. 2,690,100, Cl. 92—61.
 McGarvey, Alan R., to Armstrong Cork Co. 2,690,393, Cl. 92—21.
 McGarvey, Francis X.: *See*—
 Kunin, Robert, and McGarvey. 2,692,244.
 McGarvey, Francis X., to Rohm & Haas Co. 2,695,875, Cl. 210—24.
 McGauley, Patrick J.: *See*—
 Schaufelberger, Felix A., and McGauley. 2,694,006.
 Schaufelberger, Felix A., Van Hare, and McGauley. 2,695,843.
 McGauley, Patrick J., to Chemical Construction Corp. 2,695,842, Cl. 75—108.
 McGauley, Patrick J., and F. A. Schaufelberger, to Chemical Construction Corp. 2,686,114, Cl. 75—6.
 McGay, John B., G. B. Clift, and C. R. Ridley, to Precision Products, Inc. 2,694,287, Cl. 58—48.
 McGee, Ellen K.: *See*—
 Willig, June F., and McGee. 2,691,469.
 McGee, Leland T. 2,675,764, Cl. 103—161.
 McGetrick, Harold J.: *See*—
 Jacobson, Mason A., and McGetrick. 2,694,359.
 McGhee, John D., to Minneapolis-Honeywell Regulator Co. 2,683,564, Cl. 235—61.
 McGhie, James K. 2,693,303, Cl. 223—85.
 McGhie, Russell P.: *See*—
 Egan, William T., McGhie, Schneider, and Sweet.
 McGibbon, Archie S., to Lukens Steel Co. 2,694,274, Cl. 51—35.
 McGilchrist, Elton E., and F. J. Pratt. 2,687,827, Cl. 222—81.
 McGill, Henry, assignee: *See*—
 Smalley, William F.
 McGill, Henry, Pearce, Victoria, assignor to J. A. Cavanagh, East Praham, Victoria, and H. W. T. Ireland, St. Kilda, Victoria, Australia. Variable speed power transmission mechanism. 2,667,794, Feb. 2.
 McGill, Russell C.: *See*—
 Kincaid, John F., and McGill. 2,698,228.
 McGill Manufacturing Company, Inc., assignee: *See*—
 Popp, Rudolf.
 McGillis, Hugh D.: *See*—
 McGillis, John J., and H. D. 2,681,031.
 McGillis, John J. and H. D. 2,681,031, Cl. 116—112.
 McGinley, James J., to American Machine & Foundry Co. 2,697,474, Cl. 154—42.
 McGinnis, Archibald B. and J. C., to Wheeling Stamping Co. 2,684,168, Cl. 215—43.
 McGinnis, John C.: *See*—
 McGinnis, Archibald B. and J. C. 2,684,168.
 McGirr, Theodore B.: *See*—
 Ferry, John T., Bennett, Kase, and McGirr. 2,681,145.
 McGlasson, Daily, Sr. 2,677,844, Cl. 15—251.
 McGlumphy, George F.: *See*—
 Doriot, Kenneth E., and McGlumphy. 2,695,338.
 McGonegle, Richmond J. 2,695,772, Cl. 257—3.
 McGonigle, William G. 2,676,584, Cl. 126—362.
 McGough, Catherine J.: *See*—
 Gilbert, Everett E., and McGough. 2,690,450.
 Gilbert, Everett E., and McGough. 2,690,451.
 McGough, William A.: *See*—
 Hickson, William F., and McGough.
 McGovern, Edward G. 2,685,766, Cl. 51—34.
 McGovern, John J., assignor to E. I. du Pont de Nemours and Company. 2,676,871, Cl. 8—111.
 McGowan, Frank L., and J. P. Conley. 2,684,338, Cl. 252—311.5.
 McGowen, Harold E., Jr.: *See*—
 Howard, Kenneth C., McGowen, and Moore. 2,679,904.
 McGowen, Harold E., Jr., Bunkie, La., assignor to Sid W. Richardson, Inc. Gas lift valve mechanism. 2,672,827, Mar. 23.
 McGowen, Harold E., Jr., and H. H. Moore, Jr., assignors to Sid W. Richardson Inc. 2,679,903, Cl. 166—1.
 McGrath, Earle J.: *See*—
 Verrinder, Ernest A., and McGrath. 2,687,813.
 McGrath, Francis. 2,675,739, Cl. 88—79.
 McGrath, Henry G., Elizabeth, assignor to The M. W. Kellogg Company, Jersey City, N. J. Hydrogenation of carbon monoxide. 2,666,077, Jan. 12.
 McGrath, Henry G., to The M. W. Kellogg Co. 2,690,993, Cl. 202—42.
 McGrath, Henry G., to The M. W. Kellogg Co. 2,695,866, Cl. 196—28.
 McGrath, Henry G., Elizabeth, and L. C. Rubin, West Caldwell, assignors to The M. W. Kellogg Company, Jersey City, N. J. Reduction of metal oxides. 2,671,765, Mar. 9.
 McGrath, Henry G., and L. C. Rubin, to The M. W. Kellogg Co. 2,683,726, Cl. 260—449.6.
 McGrath, James R., Cleveland, Ohio. Sand blasting apparatus and method. 2,669,809, Feb. 23.
 McGrath, Martin H.: *See*—
 Atkinson, Ralph W., and McGrath.
 McGrath, Walter O., Newtonville, Mass. Measuring rule. 2,667,697, Feb. 2.
 McGrath, William L., assignor to Carrier Corporation, Syracuse, N. Y. Air conditioning system employing a hygroscopic medium. 2,672,024, Mar. 16.
 McGrath, William L., assignor to Carrier Corporation. 2,679,142, Cl. 62—6.
 McGrath, William L., to Carrier Corp. 2,681,182, Cl. 236—44.
 McGrath, William L., to Carrier Corp. 2,695,773, Cl. 261—25.
 McGrath, William L., and R. H. Swart, assignors to Carrier Corporation. 2,675,683, Cl. 62—3.
 McGraw, Clarence: *See*—
 McGraw, Leo F., and C. 2,679,906.
 McGraw Electric Co.: *See*—
 Amundson, Roald H., and Smeltzer. 2,686,908.
 Badenoch, Benjamin W.
 Badenoch, Benjamin W. 2,693,750.
 Bale, Alton G., Jr.
 Bloom, Wallace M., and Simmons. 2,686,643.
 Cowan, William P. 2,680,175.
 Duerkub, Manfred F.
 Everhart, James G. 2,695,137.
 Gomersall, John R. 2,680,183.

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Gomersall, John R. 2,687,924.
 Gomersall, John R. 2,688,063.
 Ireland, Murray. 2,674,133.
 Ireland, Murray. 2,693,142.
 Ireland, Murray. 2,693,143.
 Ireland, Murray. 2,694,766.
 Petersen, Clifford W.
 Pummer, Leo.
 Runke, Glenn R., and McMahon. 2,696,128.
 Schindler, Carl. 2,692,925.
 Schneider, Hans P. 2,677,738.
 Schultz, Blaine H. 2,680,832.
 Schultz, Blaine H. 2,695,350.
 Steinmayer, Alwin G.
 Stoelting, Herman O., and Petersen.
 Van Dusen, Harold A., Jr. 2,692,376.
 Van Ryan, Anthony. 2,675,442.
 Van Ryan, Anthony. 2,686,238.
 Weinfurt, Edward J. 2,685,838.
 Weinfurt, William J.
 Weinfurt, William J., and Bale.
 Welsh, William E.
 Woolfolk, Arthur R. 2,692,928.
 McGraw, George J. 2,694,212, Cl. 15—244.
 McGraw, George P., Jr., assignor to Western Electric Company, Incorporated. 2,675,191, Cl. 242—75.
 McGraw, Herbert R. 2,697,001, Cl. 294—69.
 McGraw, Leo L. and C. 2,679,906, Cl. 168—24.
 McGraw, Leslie D., and C. L. Faust, to Ohio Plate Glass Co. 2,698,258, Cl. 117—35.
 McGraw, Vincent G., Front Royal, Va., assignor to American Viscose Corporation, Wilmington, Del. Sprinkler head. 2,666,670, Jan. 19.
 McGreal, Martin E.: See—
 Niederl, Joseph B., McGreal, and Hart. 2,695,291.
 McGredy, Robert M. 2,695,704, Cl. 206—56.
 McGregor, Donald B., assignee: See—
 Howell, William F. 2,679,071.
 McGregor, Eugene R.: See—
 Liljengren, Curtis P., and McGregor. 2,674,300.
 McGrevey, Thomas P.: See—
 Engman, Leo N. 2,698,177.
 McGrew, Frank C., and E. H. Price, to E. I. du Pont de Nemours and Co. 2,687,440, Cl. 260—653.
 McGrew, Ralph W.: See—
 Maroney, Clair F., McGrew, and Weisz. 2,680,655.
 Maroney, Clair F., Weisz, and McGrew.
 McGrew, Robert F.: See—
 Ryan, George R., Abel, and McGrew. 2,682,268.
 McGuigan, John H., assignor to Bell Telephone Laboratories, Incorporated. 2,675,539, Cl. 340—149.
 McGuire, George E., assignor to J. M. Nash Company. 2,677,922, Cl. 51—139.
 McHan, Brack B., Quincy, assignor to Calcium Carbonate Company, Chicago, Ill. Preparing calcium carbonate composition. 2,668,749, Feb. 9.
 McHenry, Ernest C., assignor to Allegheny Ludlum Steel Corporation. 2,676,599, Cl. 134—122.
 McHenry, Harland L., Sayre, Pa., and L. C. Parker, Elmira, assignors to Bendix Aviation Corporation, Elmira Heights, N. Y. Reciprocating electric motor. 2,666,153, Jan. 12.
 McHenry, Harland L., and L. C. Parker, to Bendix Aviation Corp. 2,691,739, Cl. 310—34.
 McHugh, Alexander J.: See—
 McHugh, William J. and A. J. 2,680,315.
 McHugh, C. H.: See—
 Besse, Carl H. 2,690,808.
 McHugh, Edward, to American Screw Co. 2,683,511, Cl. 192—56.
 McHugh, Marion L. 2,682,882, Cl. 135—6.
 McHugh, William J. and A. J. 2,680,315, Cl. 40—17.
 McIlhenny, Archibald, assignor to Leeds and Northrup Company. 2,679,022, Cl. 318—28.
 McIlhenny, William F., and V. O. McConnell, Freeport, Tex., assignors to The Dow Chemical Company, Midland, Mich. Continuous method for concentrating ions in solutions. 2,671,714, Mar. 9.
 McIlvaine, Oran T. 2,688,648, Cl. 136—5.
 McIlvaine, Robert L., to Herbert Simpson Corp. 2,691,423, Cl. 183—10.
 McIlvaine, Robert L., to Herbert Simpson Corp. 2,693,946, Cl. 261—3.
 McIlvried, Edwin J., Granger Township, and C. P. Gardner, Randolph, assignors to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Continuous take-up block. 2,669,347, Feb. 16.
 McIlvried, Edwin J., and N. H. Nye, assignors to The Vaughn Machinery Company. 2,679,925, Cl. 205—7.
 McIlvried, Edwin J., and N. H. Nye, to The Vaughn Machinery Co. 2,692,042, Cl. 205—13.
 McInerney, James M.: See—
 McInerney, William K. and J. M. 2,674,965.
 McInerney, William K. and J. M. 2,674,965, Cl. 112—203.
 McIninch, Glenn W., Omaha, assignor to Auburn Machine Works, Inc., Auburn, Nebr. Trenching machine. 2,666,273, Jan. 19.
 McIntire, John W., to The Dow Chemical Co. 2,688,773, Cl. 18—48.
 McIntire, Otis R.: See—
 Amos, James L., McCurdy, and McIntire. 2,694,692.

McIntire, Robert L.: See—

Crask, James A., and McIntire. 2,687,343.
 Hachmuth, Karl H., and McIntire. 2,689,875.
 McIntire, Robert L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pebble heater. 2,673,791, Mar. 30.
 McIntire, Vergil F. 2,677,361, Cl. 124—8.
 Levin, Robert H., McIntosh, and Spero. 2,681,919.
 Levin, Robert H., McIntosh, and Spero. 2,697,705.
 Levin, Robert H., Spero, and McIntosh. 2,697,704.
 Levin, Robert H., Spero, and McIntosh. 2,697,706.
 Levin, Robert H., Spero, and McIntosh, Jr. 2,686,780.
 McIntosh, A. Vern, Jr., and R. H. Levin, to The Upjohn Co. 2,688,615, Cl. 260—239.55.
 McIntosh, Donald J.: See—
 Lee, Edward F., and McIntosh. 2,684,103.
 McIntosh, James A., to American Enka Corp. 2,694,860, Cl. 33—129.
 McIntosh, Lloyd R.: See—
 Danforth, John L., and McIntosh. 2,674,698.
 McIntosh, Ralph O.: See—
 Oplinger, Kirk A., and McIntosh.
 McIntosh, Thomas J., 25% to E. D. Moore, and 25% to W. A. Dennis. 2,689,155, Cl. 306—13.
 McIntosh, William N.: See—
 McIntosh, William N., Ataya, and Corban. 2,697,972.
 McIntosh, William N., G. E. Ataya, and N. A. Corban, to A. A. Corban & Sons Ltd., W. N. McIntosh and G. E. Ataya. 2,697,972, Cl. 97—40.
 McIntyre, Brouwer D., assignor to Patent Development Company, Monroe, Mich. Pump impeller. 2,669,188, Feb. 16.
 McIntyre, Brouwer D., to Patent Development Co. 2,697,496, Cl. 188—88.
 McIntyre, Glenn H.: See—
 Skinner, Robert E., and McIntyre. 2,680,772.
 McIntyre, Ralph. 2,679,110, Cl. 33—202.
 McIntyre, Sidney S., Sedro Woolley, Wash. Drum interlocking and power regenerative braking system. 2,671,639, Mar. 9.
 McIntyre, William D. 2,680,593, Cl. 254—151.
 McIntyre, William F., Quincy, Mass. Kneeling pad for collapsible chairs. 2,671,497, Mar. 9.
 McIver, Americus. 2,697,875, Cl. 30—102.
 McKane, Robert H.: See—
 Peery, Luther C., McKane, and Moses. 2,698,227.
 McKay, Alexander S.: See—
 Herzog, Gerhard, and McKay. 2,686,881.
 McKay, Angus N.: See—
 Everhart, George R., McKay, and Danforth. 2,674,768.
 McKay, Donald E., to Ferro Stamping Co. 2,684,263, Cl. 292—336.3.
 McKay, Doris A., nee Milligan, Toronto, Ontario, Canada. Glider carrying and releasing device for kites. 2,669,403, Feb. 16.
 McKay, Dwight L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Removal of filtrate from filter cakes. 2,670,083, Feb. 23.
 McKay, Dwight L., assignor to Phillips Petroleum Company. 2,679,465, Cl. 134—40.
 McKay, Dwight L., assignor to Phillips Petroleum Company. 2,679,539, Cl. 260—674.
 McKay, Frank E., assignor to Kilgore, Inc. 2,674,224, Cl. 118—66.
 McKay, James B., E. J. Roberts, and F. L. Bosqui, assignors to The Dorr Company. 2,677,608, Cl. 75—9.
 McKay, James R., White Plains, N. Y. Convertible sofa bed. 2,673,354, Mar. 30.
 McKay, John A., Mfg. Co., Inc., The: See—
 McKay, Leon A. 2,697,903.
 McKay, John F., Jr.: See—
 Koenecke, Donald F., and McKay.
 McKay, John F., Jr., and S. F. Williams, Jr., assignors to Standard Oil Development Company. 2,676,930, Cl. 260—8.
 McKay, Kenneth G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alpha particle counter. 2,670,441, Feb. 23.
 McKay, Kenneth G., assignor to Bell Telephone Laboratories, Incorporated. 2,678,400, Cl. 250—207.
 McKay, Kenneth G., to Bell Telephone Laboratories, Inc. 2,694,112, Cl. 179—171.
 McKay, Leon A., to The John A. McKay Mfg. Co., Inc. 2,697,903, Cl. 55—118.
 McKay, Leon G.: See—
 Allen, Clyde H., and McKay. 2,677,830.
 McKay Machine Company, The, assignee: See—
 Billetter, Halton A. 2,675,076.
 McKechnie, Alexander K., to Autotrac Ltd. 2,694,889, Cl. 55—83.
 McKee, Chester W. and R. W., to Teleweld, Inc. 2,688,725, Cl. 324—37.
 McKee Door Company, assignee: See—
 McKee, John F., and Hartzler.
 McKee, John F., and Hartzler. 2,678,689.
 McKee, Hilton J.: See—
 Burge, James S., McKee, and Rider.
 Burge, James S., Foust, Shaw, Rider, and McKee. 2,689,086.
 McKee, John F., and M. E. Hartzler, assignors to McKee Door Company. 2,678,689, Cl. 160—201.

- McKee, John F., Aurora, and M. E. Hartzler, Downers Grove, assignors to McKee Door Company, Aurora, Ill. Counterbalanced door construction. 2,664,597, Jan. 5.
- McKee, Richard W.: *See—*
McKee, Chester W. and R. W. 2,688,725.
- McKeever, Charles H., Glenside, and M. F. Fegley, Mont Clare, assignors to Rohm & Haas Company, Philadelphia, Pa. Preparation of acetylenic amines. 2,665,311, Jan. 5.
- McKellar, John D., assignor to Northrop Aircraft, Inc. 2,680,581, Cl. 244—83.
- McKelvy, Neville C., to Syntrol Co. 2,686,501, Cl. 123—7.
- McKenna, Herman F., Williamstown, W. Va. Automobile valve protection plate. 2,664,869, Jan. 5.
- McKenna, James F., to Pittsburgh Plate Glass Co. 2,689,231, Cl. 260—23.7.
- McKenna, Patrick A., Washington, D. C. Cement retainer and bridge plug. 2,672,199, Mar. 16.
- McKenna, William L.: *See—*
Hale, Clifford E., and McKenna. 2,686,078.
- McKenzie, Edwin C.: *See—*
Marshall, Walter G., and McKenzie. 2,684,572.
Marshall, Walter G., and McKenzie. 2,684,574.
- McKenzie, Wendell R., assignor to Bank of America National Trust and Savings Association, as trustee. 2,677,407, Cl. 151—19.
- McKesson, Robert S. 2,696,770, Cl. 94—50.
- McKibbin, James M., N. S. Killik, and L. V. Whipple, to R. P. Scherer Corp. 2,691,374, Cl. 128—272.
- McKie, Bobby L.: *See—*
Lawson, Robert R., and McKie. 2,696,072.
- McKinley, Clyde: *See—*
Copes, Joseph P., and McKinley. 2,686,817.
- McKinley, John K., to The Texas Co. 2,681,357, Cl. 260—151.
- McKinley, Joseph B., to Gulf Research & Development Co. 2,689,825, Cl. 196—52.
- McKinley, Robert W., and J. H. Ernstes, to The Ashley Machine Co. 2,683,282, Cl. 17—11.1.
- McKinley, Tress L. 2,678,087, Cl. 155—91.
- McKinley, Wade K. 2,688,950, Cl. 119—157.
- McKinney, Arthur D. 2,697,478, Cl. 155—95.
- McKinney, Carlos J., Detroit, Mich., assignor to The General Tire & Rubber Company, Akron, Ohio. Window channel construction. 2,664,603, Jan. 5.
- McKinney, Eldon O. 2,676,835, Cl. 294—74.
- McKinney, Howard E., Bellaire, Tex., assignor to Shell Development Company, San Francisco, Calif. Lubricator device. 2,670,225, Feb. 23.
- McKinney, Howard E., and D. E. Broussard, assignors to Shell Development Company. 2,677,427, Cl. 166—14.
- McKinney, Johanna, assignee: *See—*
Schuermann, Julius J. 2,680,322.
- McKinney, Lawrence A.: *See—*
Pennington, Neal A., and McKinney. 2,681,217.
- McKinney, Marion O., Jr., and J. P. Campbell, Hampton, Va. Nonlifting towed target glider. 2,667,351, Jan. 26.
- McKinnie, Roxton C., assignee: *See—*
Wear, Vernon C.
- McKinnie, Roxton C., Santa Monica, Calif. Adjustable ironing board. 2,671,974, Mar. 16.
- McKinnis, Art C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Manufacture of formaldehyde. 2,667,513, Jan. 26.
- McKinnon, Herbert N., to American Steel Foundries. 2,690,817, Cl. 188—56.
- McKinsey, Clarence E., and F. Radon, assignors to General Electric Company. 2,679,962, Cl. 226—2.
- McKissack, John and H. D. Pownall, to Vickers-Armstrongs Ltd. 2,693,921, Cl. 244—78.
- McKittrick, Edward R., assignor to Briggs Manufacturing Co. 2,680,368, Cl. 70—174.
- McKnight, Charles L. 2,683,868, Cl. 340—43.
- McKnight, W. L., assignee: *See—*
Webster, Willard C., and Grey. 2,680,316.
- McKune, Duane R.: *See—*
De Witt, Daniel C., and McKune. 2,695,209.
- McLagan, Russell G., to The American Laundry Machinery Co. Re. 23,881, Cl. 223—57.
- McLagan, Russell G., assignor to The American Laundry Machinery Company. 2,679,339, Cl. 223—57.
- McLain, Ray, and T. A. Fornkahl, Cape Girardeau, Mo. Wire lifting crane. 2,665,012, Jan. 5.
- McLain, William R., assignee: *See—*
Bower, Clyde S.
- McLane, Fletcher E., Lancaster, and B. C. Wells, Buffalo, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electromagnetic contactor. 2,669,620, Feb. 16.
- McLane, Fletcher E., and J. M. Cochran, to Westinghouse Electric Corp. 2,683,847, Cl. 318—331.
- McLaren, Donald A.: *See—*
Smith, Walter J., and McLaren. 2,684,011.
- McLaren, Everett F., assignee: *See—*
Porter, Gilbert E.
- McLaren, Ian H., Dearborn, and C. E. Alsterberg, assignors to Bendix Aviation Corporation, Detroit, Mich. Radio-active test circuit. 2,666,857, Jan. 19.
- McLauchlan, A. B., Co., Inc.: *See—*
McLauchlan, Arthur B., and Barry. 2,687,234.
- McLauchlan, Arthur B., and J. A. Barry, to A. B. McLauchlan Co., Inc. 2,687,234, Cl. 222—57.
- McLauchlan, John H., Kilmarnock, Scotland, assignor to Kroy Unshrinkable Wools, Limited, Toronto, Ontario, Canada. Treating wool to render it nonfelting. 2,671,006, Mar. 2.
- McLaughlin, Barrett H. 2,690,716, Cl. 103—123.
- McLaughlin, Dennis J., and J. Deisinger, assignors to Westinghouse Air Brake Company. 2,675,780, Cl. 118—406.
- McLaughlin, Edward J.: *See—*
Denison, George H., Jr., Firey, and McLaughlin. 2,676,094.
Firey, Joseph C., and McLaughlin. 2,676,093.
- McLaughlin, Eli H., to Libbey-Owens-Ford Glass Co. 2,690,073, Cl. 72—16.
- McLaughlin, Fred E., to H. P. Braman. 2,682,889, Cl. 137—449.
- McLaughlin, George E.: *See—*
Brill, Peter A., and McLaughlin. 2,674,114.
- McLaughlin, Jerome D., assignor to Kanium Corporation. 2,676,892, Cl. 106—86.
- McLaughlin, John L., East Hartford, assignor to The Fuller Brush Company, Hartford, Conn. Golf tee having ball supporting fibers. 2,668,711, Feb. 9.
- McLaughlin, Robert C., and H. H. Ring, assignors to Geo. D. Roper Corporation, Rockford, Ill. Oven construction for ranges. 2,664,877, Jan. 5.
- McLaughlin, William. 2,693,667, Cl. 49—80.
- McLaughlin, William, and J. W. Loughner. 2,688,385, Cl. 188—90.
- McLaurin-Jones Co., assignee: *See—*
Priest, Lester.
- McLean, David A., to Bell Telephone Laboratories, Inc. 2,691,057, Cl. 174—24.
- McLean, Donald H.: *See—*
Pott, Anthony F. D., and McLean. 2,688,597.
- McLean, Mark L., and H. F. Overmier, to Sylvania Electric Products Inc. 2,696,535, Cl. 200—51.04.
- McLean, Philip S. 2,681,755, Cl. 223—91.
- McLean, William B., to the United States of America as represented by the Secretary of the Navy. 2,695,365, Cl. 290—2.
- McLean, William M., to Dow Corning Corp. 2,687,396, Cl. 260—44.
- McLean, William M., to Dow Corning Corp. 2,687,398, Cl. 260—45.4.
- McLean, William W., Lewis, Kans. Silo unloading device. 2,671,696, Mar. 9.
- McLearn, Herbert M., assignor to American Machinery Corporation. 2,680,590, Cl. 249—57.
- McLeary, Edward J. 2,687,998, Cl. 210—16.
- McLellan, Charles. 2,674,247, Cl. 128—232.
- McLellan, Kenneth M., to Industrial Rayon Corp. 2,684,584, Cl. 68—5.
- McLeod, Charles A., assignor to A. S. Campbell Company. 2,676,850, Cl. 301—37.
- McLeod, David F., Worthington, Minn. Material handling scoop. 2,666,662, Jan. 19.
- McLeod, Henry G., and C. J. Wernlund, to E. I. du Pont de Nemours & Co. 2,694,678, Cl. 204—140.5.
- McLeod, Roderick C., to Power Jets (Research and Development) Ltd. 2,688,745, Cl. 60—35.6.
- McLeod, Roderick C., to Power Jets (Research & Development) Ltd. 2,692,724, Cl. 230—116.
- McLeod, Roderick C., and J. Hodge, to Power Jets (Research & Development) Ltd. 2,688,844, Cl. 60—35.6.
- McLeod, Roy D., $\frac{2}{3}$ to W. Carls and $\frac{1}{3}$ to S. L. Brussel and the Detroit Trust Co., coexecutors of F. H. Brussel, deceased. 2,692,614, Cl. 137—623.
- McLeod, Stewart B., assignor to Detroit Harvester Company. 2,679,727, Cl. 60—52.
- McLeod, Stewart B., assignor to Detroit Harvester Company. 2,680,016, Cl. 268—125.
- McLeod, Stewart B., assignor to Detroit Harvester Company. 2,680,017, Cl. 268—126.
- McLeod, Thomas S., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric frequency modulation system of communication. 2,672,589, Mar. 16.
- McLeod, William B. 2,675,088, Cl. 181—57.
- McLinden, James E., Jr.: *See—*
Rawls, Frederick, and McLinden. 2,683,236.
- McLoad, Kenneth W., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Swivel coupling for seismic surveying systems. 2,667,531, Jan. 26.
- McLuen, Carl T.: *See—*
Bushey, Walter C., and McLuen. 2,688,990.
- McMahan, Kenton D. 2,675,452, Cl. 201—49.
- McMahan, Kenton D. 2,675,502, Cl. 315—52.
- McMahan, Walter C. 2,676,077, Cl. 312—27.
- McMahon, Charles J.: *See—*
Runke, Glenn R., and McMahon. 2,696,128.
- McMahon, George F., assignor to S & C Electric Company, Chicago, Ill. Mounting for electrical devices and securing same in porcelain insulators. 2,671,822, Mar. 9.
- McMahon, Howard O., assignor to Arthur D. Little, Inc. 2,680,352, Cl. 62—1.
- McMahon, John P., Huntington Woods, and B. A. Latulippe, Ferndale, Mich., assignors to National Steel Corporation. One-piece nail-receiving beam. 2,670,061, Feb. 23.
- McMahon, Thomas J., assignee: *See—*
Brice, Sam.

- McMahon, Thomas L., assignor to Minnesota Mining & Manufacturing Company. Re. 23,835, Cl. 41—10.
- McMahon, William: *See—*
Kohman, Girard T., and McMahon. 2,682,024.
- McManus, Albert R.: *See—*
Rother, Richard J., and McManus.
- McManus, Patrick J., and R. A. Jupp, to The Monotype Corp. Ltd. 2,693,874, Cl. 199—69.
- McMaster, Elmer L.: *See—*
Bauman, William C., and McMaster. 2,681,939.
- McMaster, Robert C.: *See—*
Schaffert, Roland M., McMaster, and Bixby.
- McMath, Marl, assignor to J. W. Kinney, Jr. 2,678,417, Cl. 320—1.
- McMeen, J. Allen, assignee: *See—*
Smith, Rulo W.
- McMillan, Archie: *See—*
Mickey, Arthur C., McMillan, and Becker. 2,696,768.
- McMillan, Archie, B. Becker, and A. C. Mickey, to General Motors Corp. 2,680,998, Cl. 93—77.
- McMillan, Edward B., and A. R. Olson, assignors to United Shoe Machinery Corporation. 2,678,293, Cl. 154—54.
- McMillan, Edwin M., San Marino, Calif. Electronic switch. 2,666,868, Jan. 19.
- McMillan, Edwin M., and W. A. Myers, to the United States of America as represented by the Secretary of the Navy. 2,694,868, Cl. 35—10.4.
- McMillan, Frank M., Berkeley, and R. D. Sullivan, Oakland, assignors to Shell Development Company, San Francisco, Calif. Naphthenate sized products. 2,665,207, Jan. 5.
- McMillan, Frank M., and R. D. Sullivan, to Shell Development Co. 2,684,949, Cl. 252—314.
- McMillan, Fred L., Jr., to Phillips Petroleum Co. 2,689,336, Cl. 324—118.
- McMillan, James O., assignor to F. J. Ablah, Wichita, Kans. Dishwashing machine. 2,669,999, Feb. 23.
- McMillan, Martin H. 2,686,646, Cl. 248—120.
- McMillan, Oscar J., Jr., and J. D. Guthrie, to the United States of America as represented by the Secretary of Agriculture. 2,695,833, Cl. 8—57.
- McMillan, William G., and C. L. Michel, assignors to Merchants Service Corporation. 2,677,555, Cl. 282—24.
- McMillan, Wilmur M., to International Business Machines Corp. 2,687,253, Cl. 235—61.11.
- McMillion, Shelby C., to R. P. Scherer Corp. 2,681,168, Cl. 222—94.
- McMorran, John B., Jr., and J. O. Merrill. 2,674,302, Cl. 155—99.
- McMorris, John: *See—*
Sage, Bruce H., McMorris, and Miller. 2,685,837.
- McMullen, Charles G., assignor to the United States of America as represented by the Secretary of War. 2,679,042, Cl. 343—7.7.
- McMullen, Frederick E., and T. H. Peck, to The Gleason Works. 2,691,250, Cl. 51—26.
- McMullen, James F., Pelham, N. Y., assignor to Worthington Corporation. Regeneration of mixed single bed deionization. 2,666,741, Jan. 19.
- McMullen, John, J. F., and V. J. 2,694,473, Cl. 188—236.
- McMullen, John C., to The Carborundum Co. 2,686,821, Cl. 13—6.
- McMullen, John C., to The Carborundum Co. 2,695,849, Cl. 106—65.
- McMullen, John F.: *See—*
McMullen, John, J. F., and V. J. 2,694,473.
- McMullen, Joseph E., to The Journal Co. 2,691,344, Cl. 101—425.
- McMullen, Rafry L., Spokane, Wash. Head for musical instruments. 2,667,098, Jan. 26.
- McMullen, Vincent J.: *See—*
McMullen, John, J. F., and V. J. 2,694,473.
- McMullen, Wesley W., assignor to General Motors Corporation. 2,675,886, Cl. 183—44.
- McMullin, De Loy. 2,689,148, Cl. 296—78.
- McMurdo Instrument Co. Ltd., The: *See—*
Lowther, Oliver P. 2,683,259.
- McMurray, Walter E., assignor to Clearfield Machine Company. 2,677,533, Cl. 259—85.
- McNabb, John W., $\frac{1}{2}$ to American Can Co. and $\frac{1}{2}$ to Kienle and Co. 2,689,834, Cl. 260—23.
- McNabb, Robert W.: *See—*
Trautman, Walter C., and McNabb. 2,687,873.
- McNair, Lloyd L. 2,691,996, Cl. 144—291.
- McNairy, Jacob W.: *See—*
Gabrielson, Samuel I., and McNairy. 2,681,071.
- McNally, Arthur J. 2,697,485, Cl. 158—105.
- McNally, James P., assignee: *See—*
Harp, Kenneth D.
- McNally-Pittsburg Manufacturing Corporation, The, assignee: *See—*
Pate, Robert L.
- McNamar Boiler & Tank Co., Inc.: *See—*
Branson, Raymond J. 2,682,752.
- McNamara, Gerald P.: *See—*
Harris, Charles D., Eichhorn, Prosek, and McNamara.
- McNamara, Gordon G., Jr., Chicago, Ill., assignor to International Harvester Company. Loader attachment for tractors. 2,665,017, Jan. 5.
- McNaney, Joseph T., San Diego, Calif., assignor to Bendix Aviation Corporation, Towson, Md. Converter. 2,668,940, Feb. 9.
- McNatt, Eugene M., to the United States of America as represented by the Secretary of the Navy. 2,694,869, Cl. 35—25.
- McNeely, Eugene M., to the United States of America as represented by the Secretary of the Navy. 2,697,344, Cl. 73—5.
- McNaughton, Don A.: *See—*
Gauntlett, Jane W., and McNaughton. 2,685,331.
- McNeely, Lowell, to Servel, Inc. 2,689,465, Cl. 62—119.
- McNeely, William H., to Kelco Co. 2,688,598, Cl. 252—77.
- McNeight, George D., assignor to S. Smith & Sons (England) Limited. 2,676,455, Cl. 58—134.
- McNeil Laboratories, Inc.: *See—*
Swain, Ansel P. 2,695,293.
Swain, Ansel P. 2,695,294.
Swain, Ansel P. 2,695,295.
- McNeill, Alexander W. 2,678,455, Cl. 12—136.
- McNeill, Charles M., Norwalk, Calif. Inhaler. 2,670,739, Mar. 2.
- McNeill, Oxford D., Forest Hill, Ontario, Canada, assignor to Colgate-Palmolive Company, Jersey City, N. J. Bubble blowing machine. 2,669,059, Feb. 16.
- McNeill, Robert, to McNeill Winterburn Inventions Ltd. 2,696,767, Cl. 92—22.
- McNeill Winterburn Inventions Ltd.: *See—*
McNeill, Robert. 2,696,767.
- McNew, Albert. 2,677,859, Cl. 20—0.8.
- McNitt, Lewis F., to Chrysler Corp. 2,687,860, Cl. 248—5.
- McNiven, Neal L., to G. D. Searle & Co. 2,688,030, Cl. 260—397.45.
- McNulty, Barron L.: *See—*
Cooper, Lowell, and McNulty.
- McNulty, Herbert W., and D. J. Killian, to National Distillers Products Corp. 2,687,388, Cl. 260—18.
- McNulty, John S.: *See—*
Quyn, John T., McNulty, and Buchanan. 2,675,697.
- McNulty, Walter A., Fairport, N. Y. Walking-type gang lawn mower. 2,673,435, Mar. 30.
- McNutt, Clara E., Toledo, Ohio. Combination baking and serving utensil for pastries. 2,667,829, Feb. 2.
- McOrly, Joseph, Wilkinsburg, assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electric radiant heating. 2,667,563, Jan. 27.
- McPartland, Edward T., New York, N. Y. Disposable umbrella for emergency use. 2,672,877, Mar. 23.
- McPhaden, Lawrence A. 2,678,791, Cl. 248—226.
- McPhee, Alexander H.: *See—*
Zeckendorf, William, and McPhee.
- McPhee, Duncan S., Seattle, Wash. Preparation of dental prosthetic devices. 2,673,397, Mar. 30.
- McPhee, James E., Culver City, Calif. Liquid dispenser for bottles. 2,667,290, Jan. 26.
- McPhee, James E. 2,678,757, Cl. 222—416.
- McPherson, Robert H., to Standard Steel Corp. 2,687,230, Cl. 220—63.
- McQuaid, Daniel J., Sr., and F. W. Riehl, Denver, Colo., said Riehl assignor to said D. J. McQuaid. Perspective drawing machine. 2,667,694, Feb. 2.
- McQuaid, Thomas, Boston, Mass. Device to shape piecrust dough. 2,666,401, Jan. 19.
- McQuarrie, Ernest B., to Cutter Laboratories. 2,684,983, Cl. 260—529.
- McQuay-Norris Mfg. Co.: *See—*
Lewis, Thomas N. 2,692,955.
Mudd, Harry A. 2,676,293.
- McQueen, David M., and C. Weaver, to E. I. du Pont de Nemours & Co. 2,697,662, Cl. 95—2.
- McQuien, Lewis C. 2,677,912, Cl. 43—70.
- McQuiston, Raymond C., West Newton, and F. E. Davenport, Newton Centre, Mass., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Precipitating size with chromium and aluminum salts. 2,666,699, Jan. 19.
- McRae, Edwin C.: *See—*
Bell, William R., and McRae.
- McRae, Edwin C., to Ford Motor Co. 2,691,903, Cl. 74—761.
- McRae, Forbes W., Jr., to Boeing Airplane Co. 2,692,784, Cl. 287—99.
- McRae, Fred W., Los Angeles, Calif. Safety cutoff valve having bellows controlled trip. 2,673,707, Mar. 30.
- McRae, Fred W. 2,694,408, Cl. 137—460.
- McReary, Ronald, Corvallis, Oreg. Handled carton for bakery products and the like. 2,667,297, Jan. 26.
- McRoskey, Leonard H., to Wen-Mac Corp. 2,687,595, Cl. 46—206.
- McShan, Dormon B., Indianapolis, Ind., assignor to J. R. Bayston, as trustee, Icecrafter (Liquidating) Trust, Van Nuys, Calif. Ice-making machine. 2,668,422, Feb. 9.
- McSharry, James J.: *See—*
Banus, Mario D., and McSharry. 2,688,575.
- McShurley, Marshall D.: *See—*
Harris, James E., McShurley, and Mahoney. 2,693,012.
- McShurley, Marshall D., and D. G. Mahoney, to General Motors Corp. 2,689,124, Cl. 271—14.
- McSkimin, Herbert J., Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Delay line. 2,672,590, Mar. 16.
- McTeer, Jack M., Nashville, Tenn. Social-security calculator. 2,673,035, Mar. 23.
- McTeer, Lucian W., T. R. Miller, and H. W. Schulz, to Union Carbide and Carbon Corp. 2,694,732, Cl. 260—602.

- McTeer, Lucian W., T. R. Miller, and H. W. Schulz, to Union Carbide and Carbon Corp. 2,694,733, Cl. 260—602.
- McVean, Raymond L., River Forest, Ill. Loose-leaf binder. 2,668,542, Feb. 9.
- McVey, George, High Wycombe, England. Linear ball bearing. 2,672,379, Mar. 16.
- McVey, George E., High Wycombe, England. Linear bearing. 2,672,378, Mar. 16.
- McVey, Warren C., to The Goodyear Tire & Rubber Co. 2,691,055, Cl. 260—735.
- McWane Cast Iron Pipe Co.: See—
Worthington, Biddle W. 2,682,690.
- McWethy, Irvin E., to General Electric Co. 2,690,825, Cl. 192—56.
- McWhorter, Henry L., Hinsdale, assignor to The Goss Printing Press Company, Chicago, Ill. Lockup for printing presses. 2,668,497, Feb. 9.
- McWhorter, Henry L., Hinsdale, assignor to The Goss Printing Press Company, Chicago, Ill. Web supply reel for printing presses. 2,668,676, Feb. 9.
- McWhorter, Henry L., to The Goss Printing Press Co. 2,689,095, Cl. 242—58.
- McWilliams, Ralph J., to The Goodyear Tire & Rubber Co. 2,690,785, Cl. 154—14.
- Meacham, J. E.: See—
Shepherdson, William L. 2,683,483.
- Meacham, Larned A., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Triangular wave generator. 2,669,656, Feb. 16.
- Meacham, Larned A., to Bell Telephone Laboratories, Inc. 2,694,113, Cl. 179—171.
- Meacham, Larned A., to Bell Telephone Laboratories, Inc. 2,694,115, Cl. 179—171.
- Mead, Homer A., Turlock, Calif. Releasing device for locking pliers. 2,669,145, Feb. 16.
- Mead, Howard C.: See—
Mears, William T., and Mead. 2,679,576.
- Mead, Howard C., and G. W. Onksen, Jr., Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Tail lamp lens. 2,667,572, Jan. 26.
- Mead, Roy O., Gilroy, and C. Grunsky, San Francisco, Calif. Earth anchor. 2,672,961, Mar. 23.
- Mead, Theodore E., Wilmette, Ill. Elevated warning sign for automobiles, etc. 2,671,423, Mar. 9.
- Mead, William H., assignee: See—
Bishop, Lewis H., and Tribbett.
- Mead, William J.: See—
Sweet, Warren W., and Mead. 2,692,236.
- Meador, Camping W., Burntisland, Scotland. Pump. 2,667,841, Feb. 2.
- Meador, John L. 2,691,170, Cl. 2—153.
- Meadors, Ansel R., Jr., Greenville, S. C. Apparatus for filling and weighing receptacles. 2,670,920, Mar. 2.
- Meadowcroft, Stanley, and J. Rimmington, to A. V. Roe & Co. Ltd. 2,685,423, Cl. 244—137.
- Meadowcroft, George R.: See—
MacDonald, John, and Meadowcroft.
- Meadows, Ernest D., assignor to Meadows Manufacturing Company, Atlanta, Ga. Spindle bearing. 2,671,702, Mar. 9.
- Meadows, Ernest D., assignor to Meadows Manufacturing Company. 2,675,280, Cl. 308—169.
- Meadows, Ernest D., to Meadows Mfg. Co. 2,696,707, Cl. 57—130.
- Meadows, James J.: See—
Hice, Jaxon O., and Meadows. 2,698,098.
- Meadows, James L., assignor to The Texas Company. 2,674,567, Cl. 196—32.
- Meadows, James L., to The Texas Co. 2,689,820, Cl. 196—32.
- Meadows Manufacturing Company, assignee: See—
Caldwell, John R., and Lake. 2,682,380.
- Meadows, Ernest D. 2,675,280.
- Meadows, Ernest D. 2,696,707.
- Meagher, Alice L. 2,675,058, Cl. 155—42.
- Meagher, James M., Jr. 2,697,986, Cl. 103—87.
- Meagher, Ralph E.: See—
Miller, Edward, and Meagher. 2,680,210.
- Meaker, John W., assignee: See—
Suran, Jerome J. 2,678,373.
- Meakin, Edgar N., San Francisco, Calif. Pellet mill. 2,670,697, Mar. 2.
- Mealpack Corp.: See—
Clarke, Houghton W. 2,696,813.
- Meals, Robert N.: See—
Buckman, Stanley J., and Meals. 2,686,119.
- Means, Thomas T.: See—
Johansson, August V., and Means. 2,697,199.
- Meany, James M. 2,694,474, Cl. 189—11.
- Mearns, Myrtle. 2,691,284, Cl. 65—20.
- Mears, Nancy F. 2,681,033, Cl. 116—114.5.
- Mears, William T., and H. C. Mead, assignors to General Motors Corporation. 2,679,576, Cl. 240—8.3.
- Measurements Corporation, assignee: See—
Minter, Jerry B., II.
- Measuring Machines, Inc.: See—
Breisch, John H. 2,691,826.
- Meath, Campbell A., $\frac{1}{6}$ to L. M. Webber, and $\frac{1}{6}$ to H. F. Newman. 2,693,602, Cl. 4—235.
- Meauze, François, and V. Wiquel, to Vetreria Italiana Balzaretto Modigliani S. p. A. 2,698,260, Cl. 117—102.
- Mecartney, Newell, Jr.: See—
Papahek, Andrew P., and Mecartney. 2,687,249.
- Mecco, Jerry M., to American Cyanamid Co. 2,683,615, Cl. 8—34.
- Mecey, Joseph E. and R. L. 2,685,471, Cl. 296—44.
- Mecey, Ralph L.: See—
Mecey, Joseph E. and R. L. 2,685,471.
- Mechanical Handling Systems, Inc.: See—
Garman, Leo H., and Copp. 2,685,361.
- Klamp, Paul.
- Mullen, Edward, and Harris.
- Mullen, Edward, and Klamp. 2,689,036.
- Quail, Kenneth H. 2,688,934.
- Spafford, Ralph W. 2,688,931.
- Mechanical Industries, Inc., assignee: See—
Dorfan, Morton I. 2,680,493.
- Mechanical Products, Inc., assignee: See—
Ingwersen, Richard C. 2,689,895.
- Ingwersen, Richard C. 2,694,122.
- Mechanical Research Corporation, assignee: See—
Leavell, Charles. 2,679,826.
- Mechanics National Bank of Worcester, The, executor: See—
Persons, Charles A.
- Mechlin, Wilmer, assignee: See—
Mendez, Alberto. 2,679,247.
- Meckenstock, John W., assignor to Meckum Engineering, Inc., Chicago, Ill. Jet nozzle. 2,668,504, Feb. 9.
- Meckler, Joseph G. and M. C., to The Kromite Products Co. 2,690,983, Cl. 134—7.
- Meckler, Maurice C.: See—
Meckler, Joseph G. and M. C. 2,690,983.
- Meckum Engineering, Inc., assignee: See—
Meckenstock, John W.
- Mecorney, John W., and G. W. Gaertner, Jr., to Shell Development Co. 2,697,730, Cl. 260—593.
- Medalie Mfg. Co.: See—
Ericson, Herman G. 2,689,669.
- Medalta Potteries Ltd.: See—
Jones, Edgar C. 2,691,806.
- Medcalf, Eugene C., and G. N. Vriens, to American Cyanamid Co. 2,694,095, Cl. 260—671.
- Medders, Weldon L., to Houston Oil Field Material Co., Inc. 2,681,821, Cl. 294—1.
- Meddock, Alvin A., Van Nuys, assignor to Bendix Aviation Corporation, North Hollywood, Calif. Pressure flow controlled self-holding selector valve. 2,671,433, Mar. 9.
- Medearis, Paul A.: See—
De Jarnett, Frank D. 2,684,166.
- Medendorp, John E., assignor to Stubnitz-Greene Spring Corporation. 2,677,398, Cl. 140—71.
- Medert, Adrian: See—
Bolesky, John D. 2,686,031.
- Medical Fabrics Co., Inc.: See—
Freiberger, Herman. 2,682,266.
- Medicus, Gustav. 2,678,423, Cl. 324—109.
- Meditz, Ludwig, New York, N. Y. Invertoscope for photographic cameras. 2,669,169, Feb. 16.
- Medlar, Lewis A.: See—
Godshalk, James B., and Medlar. 2,689,322.
- Rezek, Gerard, and Medlar. 2,679,549.
- Medley, Francis G.: See—
Buckley, Duer H. 2,684,193.
- Meehanite Metal Corporation, assignee: See—
Hartman, Chester A. 2,683,032.
- Moore, William H.
- Moore, William H., and Smith. 2,677,609.
- Meek, Melvin J., $\frac{1}{3}$ to S. M. Shobert, and $\frac{1}{3}$ to B. C. Hagquist. 2,684,318, Cl. 154—91.
- Meeker, David A., and R. C. Geiger, to The Hobart Mfg. Co. 2,681,658, Cl. 134—111.
- Meeker, Willard F.: See—
Slaymaker, Frank H., and Meeker. 2,690,091.
- Meeker, William H., assignor to Hickok Manufacturing Co. Inc. 2,676,373, Cl. 24—3.
- Meeker, William H., to Hickok Mfg. Co., Inc. 2,686,920, Cl. 2—301.
- Meeussen, Louis A., and A. Bellay, assignors to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Photographic material for the manufacture of color images. 2,673,800, Mar. 30.
- Mefina S. A.: See—
Casas Robert, Ramon, and Renck. 2,682,845.
- Court, Jean.
- Mehaffey, Robert J., assignor to Colgate-Palmolive Company. 2,678,902, Cl. 167—91.
- Mehorg, Jess W., and J. M. Ripple, assignors, by mesne assignments, to The Goodyear Tire & Rubber Company. 2,679,088, Cl. 28—74.
- Mehlhoppe, Lincoln E.: See—
Martellotti, Mario, and Mehlhoppe. 2,675,743.
- Mehlos, Ralph A. 2,674,738, Cl. 2—48.
- Mehlretter, Charles L., R. L. Mellies, and J. C. Rankin, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Substituted gluconamides. 2,670,345, Feb. 23.
- Meienhofer, Johann, assignor of $\frac{1}{2}$ to Raduner & Co. A.-G., and $\frac{1}{2}$ to Wolfgang von Berlepsch-Valendas. 2,674,809, Cl. 34—48.
- Meier, Erna E.: See—
Guillermine, Dewey S. 2,684,394.

- Meier, Heinrich, assignor to Zellweger A. G., Apparate- und Maschinenfabriken Uster, Uster, Switzerland. Separator for leased warp threads. 2,607,683, Feb. 2.
- Meier, Wilber L., Chatham, N. J. Compensating electrode. 2,671,872, Mar. 9.
- Meier, Wilber L., Chatham, N. J. Cold cathode discharge device and manufacture. 2,671,873, Mar. 9.
- Meier, William A.: *See*—
Guillermin, Dewey S. 2,684,394.
- Meierjohan, Ernest, to Yundt-Bottlematic Corp. 2,695,190, Cl. 294—90.
- Melghan, William A. 2,675,262, Cl. 294—75.
- Melghan, William A. 2,686,074, Cl. 294—75.
- Melghan, William A., and T. L. Hume. 2,675,265, Cl. 105—369.
- Melghan, William A., and T. L. Hume. 2,685,848, Cl. 105—369.
- Melghan, William A., and T. L. Hume. 2,685,849, Cl. 105—369.
- Meigs, Henry G. 2,687,735, Cl. 131—183.
- Meijer, Cornelis A.: *See*—
Starreveld, Remmer W., and Meijer. 2,684,200.
- Melli-Blumberg Corporation, assignee: *See*—
Blumberg, Paul.
- Mellink Steel Safe Co.: *See*—
McClellan, Ralph E. 2,675,277.
McClellan, Ralph E. 2,681,018.
- Mellman & Maged, Inc.: *See*—
Rand, Gustave, and Myers. 2,685,089.
- Melnberg, J. Arthur: *See*—
Hood, Myron E. 2,696,217.
- Meincke, A. M., & Son, Inc.: *See*—
Marrone, John C. 2,680,072.
Yarber, Clifford J. 2,692,824.
- Meindersma, Elize, to Hartford National Bank and Trust Co., trustee. 2,689,397, Cl. 29—157.3.
- Meindl, Josef, Buffalo, N. Y. Window construction. 2,664,601, Jan. 5.
- Meinecke Metallurgie G. m. b. H., assignee: *See*—
Gebhardt, Erich, and Schrag.
- Meinert, Norbert: *See*—
Weissenberg, Gustav, and Meinert. 2,684,304.
- Meinke, Arthur E. 2,693,933, Cl. 251—65.
- Meinzer, Gotthold H.: *See*—
Miller, Robert P., Mathewson, and Meinzer. 2,696,302.
- Meisel, Charles A.: *See*—
Friesz, Kenneth E., and Meisel. 2,684,029.
- Meisel, Louis, White Plains, N. Y. Adjustable height waist and leg band for knitted or woven garments. 2,669,726, Feb. 23.
- Meisel Press Mfg. Co.: *See*—
Friesz, Kenneth E., and Meisel. 2,684,029.
- Meisel, Seymour L.: *See*—
Brooks, John W., and Meisel. 2,675,373.
- Meiser, Kenneth D., and A. W. Kassay, assignors, by mesne assignments, to Allied Chemical & Dye Corporation. 2,679,490, Cl. 260—17.3.
- Meisler, Sidney S. 2,674,535, Cl. 99—189.
- Meissner, John F., and C. C. Walsh; said Walsh assignor to said Meissner. 2,677,455, Cl. 198—150.
- Meister, George, and J. E. Schiveree, assignors to Westinghouse Electric Corporation. 2,675,497, Cl. 313—290.
- Meister, Jack, to the United States of America as represented by the Secretary of the Army. 2,682,835, Cl. 102—79.
- Meister, Leo T. 2,688,921, Cl. 102—70.2.
- Meister, Peter D., assignor to The Upjohn Company. 2,678,933, Cl. 260—397.45.
- Meistrell, John V., Manhattan Beach, Calif. Switch operator for children. 2,668,456, Feb. 9.
- Mekelburg, Earl F., to Square D Co. 2,698,361, Cl. 200—50.
- Mekler, Valentine, Jackson Heights, assignor to The Lummus Company, New York, N. Y. Heating of hydrocarbon fluids. 2,667,449, Jan. 26.
- Melamed, Sidney: *See*—
De Benneville, Peter L., and Malamed. 2,694,687.
- Melamed, Sidney, assignor to Rohm & Haas Company. 2,675,382, Cl. 260—247.5.
- Melamed, Sidney, to Rohm & Haas Co. 2,689,239, Cl. 260—69.
- Melamed, Sidney, to Rohm & Haas Co. 2,689,844, Cl. 260—72.
- Melamed, Sidney, to Rohm & Haas Co. 2,694,696, Cl. 260—77.5.
- Meland, John M. 2,678,829, Cl. 280—11.13.
- Melato, Raymond A. 2,692,151, Cl. 284—17.
- Melaven, Ralph M., to Standard Oil Co. 2,688,436, Cl. 233—1.
- Melcher, Glee J. 2,690,898, Cl. 256—21.
- Melchert, Hugo: *See*—
Schott, Walter, Melchert, Gebhardt, and Hoer. 2,677,942.
- Meldal, Odd M., Portland, Oreg. Method and means for facilitating connecting electric multiconductors. 2,666,898, Jan. 19.
- Meldgaard, Jerome A., to S. C. Johnson & Son, Inc. 2,693,934, Cl. 251—291.
- Meldrum, Robert A., to Pullman-Standard Car Mfg. Co. 2,690,719, Cl. 105—430.
- Meldrum, Robert A., to Pullman-Standard Car Mfg. Co. 2,690,822, Cl. 189—64.
- Meldrum, Roy W. 2,679,371, Cl. 248—44.
- Meleski, Anthony L., to Edwards Co., Inc. 2,683,871, Cl. 340—396.
- Meletti, Adolph: *See*—
Tamarin, Bernard J., and Meletti.
- Melges, Frederick J., Battle Creek, Mich. Dismountable picnic table. 2,670,031, Feb. 23.
- Melick, John M., to the United States of America as represented by the Secretary of the Army. 2,690,124, Cl. 102—49.
- Melikian, Khoren C.: *See*—
Rudd, Lloyd K., and Melikian. 2,677,791.
- Melikian, Khoren C., and L. K. Rudd, to Rudd-Melikian Corp. 2,682,976, Cl. 222—108.
- Melikian, Khoren C., and L. K. Rudd, to Rudd-Melikian Corp. 2,682,984, Cl. 226—46.6.
- Melin, Edward M.: *See*—
Pool, Stuart D., and Melin.
- Mellen, Alice M., assignee: *See*—
Mellen, William F.
- Mellen, Glenn L., to United Shoe Machinery Corp. 2,681,976, Cl. 219—10.61.
- Mellen, Harold M. 2,679,994, Cl. 248—47.
- Mellen, William F., assignor to A. M. Mellen, Sherman Oaks, Calif. Two-way plow with means for automatically tripping the plows and reversing their positions. 2,672,800, Mar. 23.
- Mellenger, Edmund R.: *See*—
Othmer, Donald F., Mellenger, and Smith. 2,692,206.
- Meller, Elliot A. 2,691,882, Cl. 67—7.1.
- Meller, Karl. 2,692,323, Cl. 219—8.
- Mellgren, Svante, and O. W. Moles, to National Lead Co. 2,697,051, Cl. 134—30.
- Mellies, Russell L.: *See*—
Mehlretter, Charles L., Mellies, and Rankin.
- Mellor, Bromley & Co. Ltd.: *See*—
Shortland, Arthur. 2,675,688.
Shortland, Arthur. 2,678,229.
Shortland, Arthur. 2,680,958.
Shortland, Arthur. 2,695,505.
Shortland, Arthur. 2,696,093.
Shortland, Arthur. 2,696,721.
Shortland, Arthur. 2,697,336.
Shortland, Arthur. 2,697,338.
- Mellor, Fred, Shreveport, La. Making wet mops. 2,673,124, Mar. 23.
- Melnick, Daniel, West Englewood, N. J. Protection of food against protein degradation. 2,670,291, Feb. 23.
- Melnikoff, Nicolas, Paris, France. Treatment of storage battery plates. 2,673,888, Mar. 30.
- Melograna, Frank S. 2,696,843, Cl. 139—188.
- Meloni, Mario: *See*—
Füsser, Rolf, and Meloni. 2,684,998.
- Meloy, Arthur S., Jr., to The Singer Mfg. Co. 2,681,627, Cl. 112—210.
- Meloy, Thomas P., assignor to Melpar, Inc. 2,679,609, Cl. 313—93.
- Melpar, Inc.: *See*—
Cunningham, Russell E. 2,683,766.
Cunningham, Russell E. 2,683,767.
Hilburn, Earl D. 2,696,601.
Meloy, Thomas P. 2,679,609.
- Melroe, Edward G., Gwinner, N. Dak. Traveling harvester conveyer. 2,671,554, Mar. 9.
- Melstrom, Donald S., and G. J. Carlson, assignors to Shell Development Company. 2,676,185, Cl. 260—505.
- Melton, Carl M., Louisville, Ky., assignor of one-third to L. B. Newburger, Hamilton County, Ohio; H. M. Baron, administrator of said L. B. Newburger, deceased. Breech loading syringe for use with hypodermic medication cartridges. 2,672,142, Mar. 16.
- Melton, James E. 2,694,833, Cl. 19—72.
- Melton, William L. 2,689,904, Cl. 219—38.
- Meltreder, Frank, and W. C. Noddings, assignors to International Smelting and Refining Company. 2,674,715, Cl. 322—27.
- Meltzer, Henry E.: *See*—
Meltzer, Rudolph L. and H. E., and Warner. 2,683,939.
- Meltzer, Henry E., to Allover Mfg. Co. 2,695,007, Cl. 119—71.
- Meltzer, Jack. 2,694,870, Cl. 36—11.
- Meltzer, Rudolph L. and H. E., and W. D. Warner, to Master Appliance Mfg. Co. 2,683,939, Cl. 34—155.
- Melville, Robert. 2,675,104, Cl. 192—61.
- Melville, William S., to The British Thomson-Houston Co., Ltd. 2,689,311, Cl. 307—108.
- Melvin, Francis F., Elwood, Ind. Broom rake. 2,672,006, Mar. 16.
- Memphis Chemical Co., The, assignee: *See*—
Badran, Nasry.
- Menasha Wooden Ware Corp.: *See*—
Suess, Ralph T., and Shepard. 2,692,720.
- Menaul, Paul L., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Sealing porous formations. 2,670,048, Feb. 23.
- Menaul, Paul L. 2,681,704, Cl. 166—22.
- Menaul, Paul L., to Stanolind Oil and Gas Co. 2,689,219, Cl. 252—8.5.
- Menaul, Paul L., and H. W. Gray, Jr., to Stanolind Oil and Gas Co. 2,681,889, Cl. 252—8.55.
- Mencimer, Harry E.: *See*—
Scott, Carl, and Mencimer.
- Mende, Harold W., to S. G. Reichman, now by change of name to S. G. Richman. 2,696,870, Cl. 155—152.
- Mendelevitch, Pierre. 2,687,543, Cl. 15—134.

- Mendenhall, Alfred L., Jr., and C. S. Federle. 2,695,375, Cl. 315—244.
- Mendelsohn, Lewis I.: *See—*
Goss, James H., Mendelsohn, and Bakke.
Goss, James H., Mendelsohn, and Bakke. 2,683,921.
- Mendelsohn Research Laboratories, Inc.: *See—*
Mendelsohn, Samuel. 2,684,671.
- Mendelsohn, Samuel, Glenridge, N. J. Support for cameras and synchronizers. 2,671,629, Mar. 9.
- Mendelsohn, Samuel, to Mendelsohn Research Laboratories, Inc. 2,684,671, Cl. 128—206.
- Mendelson, Hans, to Radio Corp. of America. 2,692,944, Cl. 250—16.
- Mendenhall, Alfred, Dayton, Ohio. Water softener. 2,665,251, Jan. 5.
- Mender, William: *See—*
Seyter, William C., Mender, and Windisch. 2,690,906.
Seyter, William C., Mender, and Windisch. 2,690,948.
- Mendez, Alberto, assignor to W. Mechlin. 2,679,247, Cl. 128—272.
- Mendoza, Fausto C. 2,692,124, Cl. 259—97.
- Menefee, Samuel W., to Armstrong Cork Co. 2,696,319, Cl. 215—48.
- Menegay, Norbert L. 2,680,924, Cl. 43—21.2.
- Ménégoz, Charles D., Saint-Jean-de-Maurienne, France, assignor to Pechiney Compagnie de Produits Chimiques et Electrometallurgiques. Refining aluminum electrolytically. 2,665,244, Jan. 5.
- Menegus, Robert L., and S. J. Friedman, Wilmington, Del., and F. A. Gluckert, West Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Directional atomization. 2,668,079, Feb. 2.
- Meng, Miles F., assignor to Osseo Supply & Service Company. 2,675,247, Cl. 280—111.
- Menge, Eberhard, to Brunsviga Maschinenwerke Aktiengesellschaft. 2,687,255, Cl. 235—138.
- Mengel Co., The: *See—*
Coffey, Wayne M. 2,680,875.
Soehner, Howard C. 2,689,592.
- Mengel, John T.: *See—*
Uglov, Kenneth M., Jr., and Mengel. 2,698,382.
- Menges, Lillian L., Fullerton, Calif. Electrically heated marking device. 2,669,642, Feb. 16.
- Menighan, Patrick J. 2,685,336, Cl. 160—33.
- Menn, Jacob J., Martinez, and E. G. Wallace, Walnut Creek, assignors to Shell Development Company, Emeryville, Calif. Stabilization of alkyl phenol compounds. 2,672,485, Mar. 16.
- Mennear, William C., New Westminster, British Columbia, Canada. Rear axle for vehicles. 2,667,047, Jan. 26.
- Mennecke, Harold, assignor to De Vry Corporation. 2,674,454, Cl. 271—2.3.
- Mennessier, André: *See—*
Carabasse, Joseph, Delassus, and Mennessier. 2,680,707.
- Mennesson, Marcel, to Societe d'Applications et de Constructions pour Materiel Automobile (S. A. C. M. A.). 2,685,197, Cl. 73—81.
- Mennesson, Marcel, to "Societe d'Appareils de Controle et d'Equiptement des Moteurs" (S. A. C. E. M.). 2,685,654, Cl. 310—6.
- Mennesson, Marcel L., to Societe Solex. 2,693,349, Cl. 2,693,349, Cl. 261—41.
- Mennesson, Robert, to Societe d'Applications et de Constructions Pour Materiel Automobile (S. A. C. M. A.). 2,688,192, Cl. 33—147.
- Manning, Kurt J., assignor to R. Lorenz. 2,677,195, Cl. 34—63.
- Menning, Ralph H., Kansas City, Mo., R. T. Manley, Kansas City, Kans., and J. R. Pratt, Independence, assignors to The Vendo Company, Kansas City, Mo. Machine for vending the contents of bottled goods. 2,672,267, Mar. 16.
- Menozzi, Giuseppe, and V. and B. Ricca, Messina, Italy. Apparatus for signaling the escape of illuminating gas and other similar combustible gases. 2,666,105, Jan. 12.
- Mentley, Max B., to National Broach & Machine Co. 2,686,993, Cl. 51—95.
- Mentley, Max B., and J. J. Sigman, assignors to National Broach & Machine Company, Detroit, Mich. Lead forming or checking fixture. 2,672,716, Mar. 23.
- Menz, Emil, and M. W. Schmidt. 2,687,532, Cl. 2—240.
- Menzel, Wolfgang A.: *See—*
Ruehleman, Herbert E., and Menzel. 2,683,791.
- Menzi, Karl: *See—*
Wegmann, Jacques, and Menzi. 2,685,495.
- Mercer, John L. C., and A. J. Heath, to James Burn & Co. Ltd. 2,688,913, Cl. 100—207.
- Mercer, Lewis P., assignor to Milprint, Inc. 2,680,471, Cl. 154—42.
- Mercer, Norman J., and H. W. Zadikoff. 2,682,950, Cl. 206—72.
- Merchant, Chester O., assignor, by mesne assignments, to G. G. Blaisdell, doing business as Zira Laboratories. 2,675,719, Cl. 78—45.
- Merchant, Thomas A. 2,675,439, Cl. 200—61.82.
- Merchants Service Corporation, assignee: *See—*
McMillan, William G., and Michel. 2,677,555.
- Mercier, Amos J., and G. G. Morin. 2,675,139, Cl. 214—620.
- Mercier, Jacques H. and J. 2,695,778, Cl. 267—8.
- Mercier, Jean: *See—*
Mercier, Jacques H., and J. 2,695,778.
Mercier, Robert M. 2,693,322, Cl. 242—75.
- Mercier, Stanley M., to The Jeffrey Mfg. Co. 2,683,522, Cl. 198—152.
- Mercier, Stanley M., to The Jeffrey Mfg. Co. 2,684,749, Cl. 198—40.
- Mercier, Stanley M., to The Jeffrey Mfg. Co. 2,684,750, Cl. 198—88.
- Mercil Plating Equipment Company, assignee: *See—*
Colclessier, Lorren E.
- Merck & Co. Inc.: *See—*
Beutel, Ralph H. 2,675,379.
Boger, William P., and Miller. 2,676,902.
Briggs, Stanford W., Denkwalter, and Hughey. Chamberlin, Earl M., and Tishler.
Clark, Robert L.
Conbere, John P.
Denkwalter, Robert G., Malcolmson, and Hughey. 2,678,900.
Harris, Stanton A., and Wilson.
Hirschmann, Ralph F., and Wendler. 2,675,395.
Hoffman, Dorothea H., Harris, and Folkers. 2,695,297.
Hoffman, Dorothea H., Shunk, and Folkers.
Holland, Arnold J., Boxer, and Rickards. 2,694,679.
Howe, Eugene E., and Putter. 2,680,744.
Johnston, Eileen L., and Holly.
Macek, Thomas J.
Mahoney, Richard W.
Novello, Frederick C. 2,687,436.
Payne, George B., and Pfister. 2,678,317.
Payne, George B., and Pfister. 2,694,067.
Payne, George B., and Pfister. 2,694,068.
Peck, Robert L., Hoffhine and Folkers. 2,691,675.
Ricks, Edward L., and Wood. 2,695,862.
Rogers, Edward F., and Brown. 2,682,561.
Schultz, Everett M.
Sheehan, John C., and Tishler. 2,687,412.
Sheehan, John C., and Tishler. 2,687,413.
Sheehan, John C., and Tishler. 2,691,651.
Sprague, James M. 2,686,808.
Sprague, James M., and Cragoe.
Sprague, James M., and Englehardt.
Sprague, James M., and Schultz. 2,680,765.
Wendler, Norman L., and Slates. 2,695,287.
Wendler, Norman L., and Slates. 2,695,288.
Westfall, Robert J. 2,676,888.
Wilson, Andrew N., and Harris. 2,695,902.
Wilson, Armin G., and Tishler.
Wolf, Frank J. 2,683,142.
- Merck, John, Franklin, assignor to Joy Manufacturing Company, Pittsburgh, Pa. Timber setting machine. 2,672,997, Mar. 23.
- Merck, William A.: *See—*
Gebauer, Werner, and Merck. 2,688,153.
- Merco Centrifugal Co.: *See—*
Honeychurch, Robert W. 2,681,180.
Millard, Loren D. 2,695,748.
Peltzer, Albert, Sr.
- Mercola, Archibald A., and P. D. Tetrick, Beverly Hills, Calif. Acrobatic toy. 2,669,801, Feb. 23.
- Mercury Electronic Laboratories, Inc., assignee: *See—*
Baker, Max K.
- Meredew, George C. 2,676,605, Cl. 137—209.
- Meredith, Frederick W., and F. R. Milson. 2,686,285, Cl. 318—489.
- Meredith, Frederick W., and F. H. Wood, to Smiths America Corp. 2,696,552, Cl. 240—8.16.
- Meredith, Orville S. 2,694,331, Cl. 81—91.
- Meredyth, Zoltan, assignor to PM Industries Incorporated, Stamford, Conn. Acid treatment of plastic articles. 2,666,693, Jan. 19.
- Mergen, Joseph M.: *See—*
Chillson, Charles W., and Mergen. 2,696,888.
- Mergenthaler Linotype Co.: *See—*
Biegert, George. 2,677,313.
Corrado, Victor M. 2,683,525.
Elliott, Howard G. 2,693,272.
Hilpman, John H.
Hilpman, John H. 2,689,038.
Hilpman, Paul. 2,689,640.
Hilpman, Paul. 2,698,080.
Plastaras, James C. 2,691,924.
Rossetto, Louis. 2,681,138.
Rossetto, Louis. 2,681,139.
Rossetto, Louis, and Squassoni.
- Meridan Corporation, assignee: *See—*
Droll, Joseph W.
- Merit Engineering, Inc., assignee: *See—*
Stevenson, Robert. 2,679,854.
- Merit Products, Inc., assignee: *See—*
Leggett, Guy O. 2,678,523.
- Merkel, Albert L. and H. A. 2,685,914, Cl. 155—53.
- Merkel, Helmut: *See—*
Pfützer, Helmut, and Merkel. 2,674,595.
- Merkel, Herbert A.: *See—*
Merkel, Albert L. and H. A. 2,685,914.
- Merkel, Johannes. 2,687,027, Cl. 66—86.
- Merker, Leon, to National Lead Co. 2,684,910, Cl. 106—42.
- Merker, Leon, to National Lead Co. 2,685,524, Cl. 106—42.
- Merker, Leon, to National Lead Co. 2,685,525, Cl. 106—42.

- Merkle, Bernard J. 2,698,393, Cl. 310—89.
 Rossetto, Louis. 2,693,270.
 Stouges, Anthony J. 2,693,271.
 Merkle, John A. 2,685,318, Cl. 150—52.
 Merlino, Vincent. 2,679,707, Cl. 42—85.
 Merner, Richard R.: *See*—
 Bernard, Robert A., and Merner. 2,676,190.
 Merner, Richard R., to E. I. du Pont de Nemours and Co. 2,688,038, Cl. 260—534.
 Mero, Ralph M.: *See*—
 Boyd, John M., Simpson, and Mero. 2,693,305.
 Merrell, Wm. S., Co., The: *See*—
 Amstutz Edward D. 2,684,372.
 Gash, Virgil W., and Wheeler. 2,679,500.
 Tilford, Charles H., and Van Campen. 2,685,589.
 Merrett, Earle E. 2,678,866, Cl. 312—349.
 Merriam Co., The: *See*—
 Wipert, George D. 2,682,966.
 Merriam, Frank R., Jr., assignor to Redmond Company, Inc., Owosso, Mich. Dynamoelectric machine. 2,668,924, Feb. 9.
 Merriam, George A.: *See*—
 Moore, Henry T. 2,687,153.
 Merriam Instrument Co., The: *See*—
 Hejduk, Arthur A. 2,693,113.
 Merrick, Alden C., Albany, N. Y. Load lifting and manipulating device for lift trucks. 2,670,865, Mar. 2.
 Merrill Brothers, assignee: *See*—
 Gardner, Edward M. 2,676,838.
 Merrill, Casper W. 2,689,113, Cl. 259—5.
 Merrill, Donald G., West Hartford, Conn., assignor to Emhart Manufacturing Company. Glassware annealing method and apparatus. 2,669,069, Feb. 16.
 Merrill, Edward W., to Dewey and Almy Chemical Co. 2,687,445, Cl. 136—145.
 Merrill, Edward W., to Dewey and Almy Chemical Co. 2,687,446, Cl. 136—145.
 Merrill, Edward W., to Dewey and Almy Chemical Co. 2,687,447, Cl. 136—146.
 Merrill, John O.: *See*—
 McMorran, John B., Jr., and Merrill. 2,674,302.
 Merrill, Leslie M.: *See*—
 Åhlén, Karl G. 2,676,497.
 Åhlén, Karl G. 2,690,053.
 Åhlén, Karl G. 2,690,054.
 Boestad, Gustav K. W., and Nilsson. 2,674,089.
 Boestad, Gustav K. W., and Persson. 2,681,208.
 Boestad, Gustav K. W., and Svenningsson. 2,696,976.
 Horney, Fredrik, and Persson. 2,678,194.
 Mudersbach, Ernst H. 2,674,898.
 Mudersbach, Ernst H. 2,681,209.
 Ödman, Tor A. 2,683,350.
 Ödman, Tor A. 2,696,743.
 Ödman, Tor A. 2,697,330.
 Trulsson, Sven I., and Nilsson. 2,680,598.
 Merrill, Marcellus S., and L. H. Erickson, Denver, Colo., said Erickson assignor to said Merrill. Brake testing apparatus. 2,664,745, Jan. 5.
 Merrill, Marcellus S., and L. W. Alfred. 2,692,002, Cl. 153—32.
 Merrill, Patterson D., to M. B. Skinner Co. 2,697,274, Cl. 29—414.
 Merrill, Patterson D., and A. R. Cerullo, to M. B. Skinner Co. 2,685,809, Cl. 81—54.
 Merrill, Reynold C., to Philadelphia Quartz Co. 2,689,245, Cl. 260—247.
 Merrill, Robert D. 2,682,699, Cl. 29—80.
 Merrill, Roger L., W. Hecox, and W. P. Der Mott, Jr., to The Exact Weight Scale Co. 2,688,441, Cl. 235—61.
 Merrill, Roger L., and W. Hecox, to The Exact Weight Scale Co. 2,688,459, Cl. 249—2.
 Merrill, Roger L., and W. Hecox, to The Exact Weight Scale Co. 2,688,740, Cl. 340—213.
 Merriman Bros. Inc.: *See*—
 Milk, Robert L. 2,680,259.
 Wayson, Andrew J. 2,690,046.
 Merriman, Henry H. 2,696,408, Cl. 301—5.
 Merritt, Glenn W., assignor to The Nolan Company. 2,679,213, Cl. 104—270.
 Merritt, Robert J., Jr. 2,696,812, Cl. 126—214.
 Merritt, Thomas W., to Babson Bros. Co. 2,683,437, Cl. 119—1436.
 Merritt, Thomas W., and C. A. Thomas, assignors to Babson Bros. Co. 2,674,979, Cl. 119—1405.
 Merritt, Thomas W., and C. A. Thomas, assignors to Babson Bros. Co. 2,680,452, Cl. 137—399.
 Merry Manufacturing Company, Inc., assignee: *See*—
 Vanvick, Isak.
 Mershon, Clarence L., and G. W. Nagel, assignors to Westinghouse Electric Corporation. 2,680,215, Cl. 317—135.
 Merten, Bruce G.: *See*—
 Gord, Howard O., Merten, and Ryant.
 Mertens, Leon W. 2,676,734, Cl. 222—455.
 Mertens, Raymond O.: *See*—
 Clemens, Ogden A., Mertens, and Walckhof. 2,697,245.
 Mertes, Edward J., assignor to Jones & Laughlin Steel Corporation. 2,677,570, Cl. 294—97.
 Mertier, Charles S. 2,689,290, Cl. 200—138.
 Merton, Thomas R., Maidenhead Thicket, assignor to National Research Development Corporation, London, England. Spectroscopic apparatus with ruled cylinder as the dispersing means. 2,671,376, Mar. 9.
 Mertzweiler, Joseph K., Baton Rouge, La., assignor to Standard Oil Development Company. Hydrogenation of oxo alcohol bottoms. 2,671,119, Mar. 2.
 Mertzweiler, Joseph K., Baton Rouge, La., assignor to Standard Oil Development Company. Alcohol synthesis process. 2,671,814, Mar. 9.
 Mertzweiler, Joseph K., to Standard Oil Development Co. 2,698,340, Cl. 260—475.
 Merwin, Harry H.: *See*—
 Brescka, Rudolph S., and Merwin. 2,695,480.
 Merydith, Lester E. 2,676,082, Cl. 312—238.
 Meschino, Ronald G.: *See*—
 Boyd, Winnett, Meschino, and Jay.
 Mesek, Fred K., to Johnson & Johnson. 2,698,270, Cl. 154—93.
 Meserve, Edwin S., to Slip-Not Belting Corp. 2,682,896, Cl. 139—161.
 Meservy, Howard E., assignor to General Motors Corporation. 2,674,482, Cl. 292—223.
 Mesh, Theodore J.: *See*—
 Bills, Philip H., Logan, and Mesh. 2,681,695.
 Tapp, Harry F., Mesh, and Pacey. 2,693,114.
 Mesh, Theodore J., and H. F. Tapp, to Gilbert & Barker Mfg. Co. 2,682,026, Cl. 318—31.
 Mesh, William E.: *See*—
 Straehl, Robert N., and Mesh. 2,693,105.
 Mesi, Michael J., and R. G. Davis, Portland, Ore. Boxing scoreboard. 2,669,389, Feb. 16.
 Mesi, Phillip J., and S. T. Ogorek, assignors to Totebrush, Inc., Chicago, Ill. Combined ash receiver and coaster unit. 2,667,051, Jan. 26.
 Mesirov, Raymond. 2,687,423, Cl. 260—448.
 Mesner, Max H.: *See*—
 Rajchman, Jan A., Mesner, and Rosenberg.
 Messbauer, John, assignor of one-half to T. G. Krumm, Union, N. J. Paint mixing device. 2,673,077, Mar. 23.
 Messenger, Donald L.: *See*—
 Stoker, James E., and Messenger. 2,695,403.
 Messer, Elmer S., assignor to Continental Oil Company. 2,679,159, Cl. 73—74.
 Messick, Elbert C., and I. W. Wright, assignors of 10 per cent to R. A. Messick, Baytown, Tex. Camping and boat transporting trailer. 2,669,480, Feb. 16.
 Messick, Kirwan Y., assignor of 1/4 to F. G. Campbell. 2,678,005, Cl. 103—185.
 Messick, Kirwan Y., 1/4 to F. G. Campbell. 2,696,923, Cl. 214—77.
 Messick, Richard A., assignee: *See*—
 Messick, Elbert C., and Wright.
 Messing, Hjalmar S., to American Defibrator Inc. 2,687,816, Cl. 214—17.
 Messinger Bearings, Inc.: *See*—
 Messenger, William. 2,693,262.
 Messenger, William, deceased; The First National Bank of Philadelphia, administrator, to Messenger Bearings, Inc. 2,693,262, Cl. 192—84.
 Messenger, William, and J. Volkmann, assignors, by mesne assignments, to St. Regis Paper Company. 2,674,222, Cl. 118—10.
 Messner, Eberhardt, Trossingen, Germany. Valve for the reed plates of reed instruments, such as mouth organs or accordions. 2,671,372, Mar. 9.
 Messner, George, assignor to Inventa A-G fuer Forschung und Patentverwertung Luzern. 2,676,358, Cl. 18—47.2.
 Mesta Machine Company, assignee: *See*—
 Kalberkamp, Herman J.
 Mester, Heinz: *See*—
 Kuntke, Alfred, and Mester.
 Meszaros, George W., to Bell Telephone Laboratories, Inc. 2,698,414, Cl. 321—2.
 Métailler, Roger, assignor to Societe Anonyme so-called: Societe d'Etudes et de Recherches Industrielles "S. O. T. R. E. M. A." 2,678,136, Cl. 212—69.
 Metal Carrier Corporation, assignee: *See*—
 Stevenson, Ralph W.
 Metal Electric Processing Company, The, assignee: *See*—
 Morrison, Clyde W., Bonine, and Marisay.
 Metal-Glass Products Co.: *See*—
 Fischer, Albert M. 2,689,818.
 Metal Hydrides Inc.: *See*—
 Alexander, Peter P. 2,674,542.
 Banus, Mario D., and McSharry. 2,688,575.
 Bragdon, Robert W. 2,680,059.
 Gruber, Bernard A., and Davis. 2,688,169.
 Metal Manufactures Limited, assignee: *See*—
 White, Leonard F., and Fischl. 2,674,367.
 Metal Textile Corp.: *See*—
 Goodloe, Alfred M.
 Goodloe, Alfred M. 2,674,644.
 Goodloe, Alfred M. 2,683,500.
 Kingman, Barclay A. 2,682,678.
 Rizzo, Carmen. 2,688,862.
 Metal & Thermit Corp.: *See*—
 Coffeen, William W. 2,694,004.
 Johnson, Ernest W., and Church.
 Lowenheim, Frederick A. 2,675,347.
 Passino, Herbert J., and Lauer.
 Ramsden, Hugh E. 2,675,397.
 Ramsden, Hugh E., and Davidson. 2,675,398.

- Metal & Thermit Corp.: *See*—Continued.
 Ramsden, Hugh E., and Gloskey. 2,675,399.
 Rochow, Eugene G. 2,679,506.
 Weinberg, Elliott L. 2,679,505.
 Weinberg, Elliott L., Banks, Johnson, and Gloskey. 2,684,956.
 Weinberg, Elliott L., Johnson, and Banks. 2,680,726.
- Metal Trim Ltd.: *See*—
 Penkala, Emil. 2,692,170.
- Metalastik Limited, assignee: *See*—
 Hirst, Archie J. 2,676,774.
- Metalflo Corporation, assignee: *See*—
 Watson, Romaine E., Boston, and Lehmeier.
- Metallgesellschaft Aktiengesellschaft: *See*—
 Brücke, Otto. 2,695,868.
 Danulat, Friedrich W. S. 2,687,347.
 Herbert, Wilhelm. 2,680,125.
 Herbert, Wilhelm, Eisenlohr, and Grob. 2,675,412.
 Lohberg, Karl. 2,683,085.
 Meyer, Kurt. 2,690,959.
 Meyer, Kurt, and Rausch.
 Sondermann, Karl. 2,695,869.
 Zimmermann, Wilhelm.
- Metallschlauchfabrik A. G.: *See*—
 Meyer, Otto. 2,695,446.
- Metals & Controls Corp.: *See*—
 Boessenkool, Helmich W., and Durst. 2,691,815.
 Moorehead, John O., Kurtz, and Glidden.
 O'Neill, Vincent E. 2,696,538.
 Siegel, Sidney. 2,691,816.
 Vander Pyl, John R. 2,694,121.
 Vaughan, Victor G. 2,675,267.
- Metalwash Machinery Co.: *See*—
 Zademach, Erich R. 2,688,407.
- Metcalf, Arthur G. B. 2,692,982, Cl. 3:40—227.
 Metcalf, Frank H., Los Angeles, Calif. Extension drawer support and guide structure. 2,668,745, Feb. 9.
 Metcalf, Herbert E., to S & W Fine Foods, Inc. 2,693,267, Cl. 198—33.
 Metcalf, Hugh E.: *See*—
 Slick, Thomas B., Brown, and Metcalf.
- Metcalf, Maurice E., and A. Manuel. 2,681,250, Cl. 299—69.
- Meth, Max, Atlantic City, N. J. Glass batch and article therefrom. 2,673,808, Mar. 30.
- Mettler, Alvin V., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated. 2,679,752, Cl. 73—86.
- Mettler, Alvin V., to Socony-Vacuum Oil Co., Inc. 2,691,631, Cl. 252—8.55.
- Metropolitan-Vickers Electrical Co. Ltd.: *See*—
 Mulligan, John W., and Evans. 2,689,023.
- Mettler, George, $\frac{1}{8}$ to M. Bjorndal. 2,683,973, Cl. 62—127.
- Metz, Claude L. and N. L. 2,674,171, Cl. 97—47.63.
- Metz, Noble L.: *See*—
 Metz, Claude L. and N. L. 2,674,171.
- Metz, Paul F., Hamilton, assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Insulating support for heating elements. 2,673,889, Mar. 30.
- Metzgar Company, Inc., assignee: *See*—
 Metzgar, Robert H.
- Metzgar, Robert H., assignor to Metzgar Company, Inc., Grand Rapids, Mich. Flexible switch for roller conveyers. 2,669,334, Feb. 16.
- Metsger, Charles S.: *See*—
 Gilbert, Samuel, and Metsger. 2,688,254.
- Metsger, Charles S., Saddle River Township, Bergen County, and S. Gilbert, Cedar Grove, assignors to Bendix Aviation Corporation, Teterboro, N. J. Jaw meshing device. 2,665,674, Jan. 12.
- Mettler, Lee B., Co.: *See*—
 Taricco, Lawrence. 2,688,363.
- Metzger, Leonard H., assignor to Super-Cut, Inc. 2,679,839, Cl. 125—21.
- Metzger, Melvin R.: *See*—
 Toborg, William. 2,696,342.
- Metzger, Melvin R. 2,682,902, Cl. 150—0.5.
- Metzger, Walter F., Keyport, N. J. Dustproof damper. 2,668,684, Feb. 9.
- Metzger, William J., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. Re. 23,796, Mar. 2.
- Metzger, William J., to National Malleable and Steel Castings Co. 2,681,157, Cl. 213—69.
- Metzger, William J., to National Malleable and Steel Castings Co. 2,692,690, Cl. 213—151.
- Metzler, Charles L., Palisades Park, N. J., assignor to The Gillette Company. Blade dispensing magazine with used blade compartment. 2,669,348, Feb. 16.
- Metzler, Charles L., J. D. Wark, and B. Bowen, to Johnson & Johnson. 2,681,185, Cl. 242—55.5.
- Metzler, Wilbur E. 2,679,679, Cl. 29—95.
- Metzner, Albert W.: *See*—
 Zinn, Robert B., and Metzner. 2,693,237.
- Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Strip feeding device. 2,664,988, Jan. 5.
- Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Strip feeding mechanism. 2,670,833, Mar. 2.
- Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Strip feeding device. 2,672,355, Mar. 16.
- Metzner, Albert W., assignor to The Standard Register Company. 2,677,540, Cl. 271—2.4.
- Metzner, Albert W., to The Standard Register Co. 2,692,553, Cl. 101—131.
- Metzner, Albert W., to The Standard Register Co. 2,696,671, Cl. 33—23.
- Metzner, Albert W., to The Standard Register Co. 2,696,982, Cl. 271—2.4.
- Meulemans, Benedict E., and W. A. Nelson, Green Bay, Wis., assignors to Swift & Company, Chicago, Ill. Method and apparatus for handling sliced food. 2,667,420, Jan. 26.
- Meuli, Lloyd J., Long Beach, Calif., assignor to The Dow Chemical Company, Midland, Mich. Controlling mold and decay on fresh fruits and vegetables. 2,665,217, Jan. 5.
- Meurice, Charles, and F. Parentani, to Bureau d'Etudes et Laboratoires Annexes a l'Institut Meurice Chimie S. P. R. L. 2,691,598, Cl. 106—40.
- Meyer, Adolf L. 2,690,037, Cl. 51—218.
- Meyer, Adolph F. 2,676,616, Cl. 137—622.
- Meyer, Adolph F. 2,691,893, Cl. 73—407.
- Meyer, Alfred W., P. C. Firing, and K. W. Pratt, to National Lead Co. 2,696,639, Cl. 18—12.
- Meyer, Alvin L., Fairfield, Mont. Moldboard adjustment for ditching plows. 2,673,408, Mar. 30.
- Meyer, Amel R., Griffith, assignor to Graver Tank & Mfg. Co., Inc., East Chicago, Ind. Welding process and apparatus. 2,673,916, Mar. 30.
- Meyer, Amel R., and C. Verbeek, assignors to Graver Tank & Mfg. Co., Inc. 2,677,036, Cl. 219—8.
- Meyer, Anthony L., and G. K. Woodling, assignors to Harnischfeger Corporation. 2,674,378, Cl. 212—49.
- Meyer, Arnold F.: *See*—
 Heil, Julius P., McCabe, and Meyer. 2,685,358.
- Meyer, Arthur A., to Warner Electric Brake & Clutch Co. 2,690,819, Cl. 188—164.
- Meyer, Bertha M.: *See*—
 Meyer, Henry E. 2,690,116.
- Meyer, Bruno E. 2,688,889, Cl. 78—1.
- Meyer, Chester. 2,683,345, Cl. 56—377.
- Meyer, Clarence J. 2,677,465, Cl. 210—159.
- Meyer, Cornelis A., assignor to Van Leer's (Curacao) N. V. 2,674,390, Cl. 220—46.
- Meyer, Cornelis A., assignor to Van Leer's (Curacao) N. V. 2,674,472, Cl. 285—163.
- Meyer, Edwin W.: *See*—
 Julian, Percy L., and Meyer.
 Julian, Percy L., Meyer, and Ryden. 2,686,181.
- Meyer, Engelbert A., assignor to General Motors Corporation, Detroit, Mich. Adjustable spring clip for molding strips. 2,671,254, Mar. 9.
- Meyer, Ferdinand C.: *See*—
 Speziale, Angelo J., and Meyer. 2,689,256.
- Meyer, Ferdinand C., to Monsanto Chemical Co. 2,692,266, Cl. 260—288.
- Meyer, Frank A., Sharon Hill, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,668,556, Feb. 9.
- Meyer, George F.: *See*—
 Fisher, Jesse. 2,686,382.
- Meyer, Geo. J., Mfg. Co.: *See*—
 Carter, Sidney T.
 Carter, Sidney T. 2,690,251.
- Meyer, Gottfried. 2,696,216, Cl. 134—155.
- Meyer, Gustav, Wangen im Allgau, Wurtemberg, assignor to K. Maybach, Friedrichshafen am Bodensee, Germany. Claw clutch. 2,667,252, Jan. 26.
- Meyer, Hans, to Lacrinoid Products Ltd. 2,688,579, Cl. 154—95.
- Meyer, Henry E., deceased (B. M. Meyer, administratrix), to National Steel Corp. 2,690,116, Cl. 101—4.
- Meyer, Howard. 2,697,842, Cl. 4—255.
- Meyer, Joseph, and J. H. Volk, to said Volk. 2,691,266, Cl. 56—364.
- Meyer, Joseph E., and H. J. Luehrs, assignors to C. B. Cottrell & Sons Company, Westerly, R. I. Ink distribution for high-speed rotary printing presses. 2,672,093, Mar. 16.
- Meyer, Kurt, to Metallgesellschaft Aktiengesellschaft. 2,690,959, Cl. 23—143.
- Meyer, Kurt, Frankfurt am Main, and H. Rausch, Frankfurt am Main-Fechenheim, assignors to Metallgesellschaft Aktiengesellschaft, Frankfurt am Main, Germany. Burning and sintering material. 2,668,042, Feb. 2.
- Meyer, Leo J., San Antonio, Tex. Nut sheller. 2,669,268, Feb. 16.
- Meyer, Leonard S., to Parallel Plastics Co. 2,689,559, Cl. 124—24.
- Meyer, Leonard S., to Parallel Plastics Co. 2,694,661, Cl. 154—91.
- Meyer, Milton A. 2,678,629, Cl. 119—20.
- Meyer, Mortimer R., Flushing, assignor to Vivitex Corporation, New York, N. Y. Table pad. 2,670,567, Mar. 2.
- Meyer, Otto, to Metallschlauchfabrik A. G. 2,695,446, Cl. 29—523.
- Meyer, Paul H., to U. S. Slicing Machine Co. Inc. 2,687,207, Cl. 198—35.
- Meyer, Robert E.: *See*—
 Burdick, Will S., and Meyer.

- Meyer, Robert R., and H. E. Lietaert, assignors to Monroe Auto Equipment Company, Monroe, Mich. Method of and apparatus for cooling and drying rubber. 2,665,568, Jan. 12.
- Meyer, Robert T. 2,696,329, Cl. 221—298.
- Meyer, Roelf J., to Hartford National Bank and Trust Co., trustee. 2,698,209, Cl. 309—8.
- Meyer, Roth & Pastor: *See—*
- Esser, Paul, Stutzer, and Gremm. 2,684,422.
- Meyer, Sven F. E.: *See—*
- Andrae, Ernst C., and Meyer. 2,696,537.
- Meyer, Sven F. E., assignor of one-half to E. C. Andrae, Stockholm, Sweden. Impulse relay. 2,673,265, Mar. 23.
- Meyer, Vernon H., to United Shoe Machinery Corp. 2,689,974, Cl. 18—1.
- Meyer, Vernon H., to United Shoe Machinery Corp. 2,693,253, Cl. 188—119.
- Meyer & Wenthe, Inc.: *See—*
- Priesmeyer, Charles. 2,688,265.
- Meyercord Co., The: *See—*
- Ingersoll, Homer H. 2,687,005.
- Meyrhoefter, Carl E.: *See—*
- Lewyt, Alex M., and Meyrhoefter. 2,682,682.
- Meyrholtz, Kenneth H., and R. J. Pioch, assignors to Aeroquip Corporation. 2,676,533, Cl. 101—6.
- Meyerholz, Rheinier I. 2,676,796, Cl. 268—66.
- Meyers, Arthur L., and N. Singer. 2,678,527, Cl. 57—59.
- Meyers, Douglas C., and L. E. Slagle, assignors to Shell Development Company. 2,674,434, Cl. 249—2.
- Meyers, Edward J.: *See—*
- Moore, Scott, Meyers, and Nolan.
- Meyers, Fred N., to The H. N. White Co. 2,685,220, Cl. 84—385.
- Meyers, George L., assignor, by mesne assignments, to The Eagle-Picher Company. 2,680,700, Cl. 154—139.
- Meyers, George L., and J. C. Shutt, to The Eagle-Picher Co. 2,684,508, Cl. 20—69.
- Meynig, Robert E., La Porte, Tex. High and low pressure cutoff valve. 2,667,890, Feb. 2.
- Meystre, Charles: *See—*
- Miescher, Karl, and Meystre. 2,679,502.
- Meytre, Peter A. 2,685,105, Cl. 18—8.
- Mianulli, Avo R., Philadelphia, Pa. Flexible shell suit. 2,664,566, Jan. 5.
- Mibis: *See—*
- Morterol, Michel. 2,696,929.
- Micafil A.-G.: *See—*
- Bräm, Alfred. 2,693,220.
- Wirth, Otto. 2,685,444.
- Michael, Elmer W.: *See—*
- Massmann, William F., Michael, and Vollink. 2,689,796.
- Michael, Harold E., assignor to Northrop Aircraft, Inc. 2,680,346, Cl. 60—39.32.
- Michaelis, Edward: *See—*
- Michaelis, Leona and E.
- Michaelis, Harold A., and E. V. Corff, to General Electric Co. 2,696,162, Cl. 99—425.
- Michaelis, Harold O. 2,686,317, Cl. 2—205.
- Michaelis, Leona and E., Clifton Heights, Pa. Combination stool. 2,670,891, Mar. 2.
- Michaels, Edward L., to The Rauland Corp. 2,687,360, Cl. 117—33.5.
- Michaels, Edwin B.: *See—*
- Posnack, Blanche, and Michaels. 2,689,561.
- Michalek, Anton, assignee: *See—*
- Michalek, Harry F.
- Michalek, Harry F., Oshkosh, Wis., assignor of one-half to A. Michalek, Chicago, Ill. Air-cooled blade for cutting plastic covers and the like from patterns. 2,671,267, Mar. 9.
- Michalski, Karol, Newark, N. J. Clothesline pulley. 2,665,114, Jan. 5.
- Michel, Caryle L.: *See—*
- McMillan, William G., and Michel. 2,677,555.
- Michel, George H.: *See—*
- Lockhart, Merton C., and Michel. 2,677,644.
- Michel, Josef M.: *See—*
- Hager, Karl F., Michel, Heller, and Tschinkel. 2,690,386.
- Michel, Josef M., and K. F. Hager, assignors to the United States of America as represented by the Secretary of the Army. 2,680,066, Cl. 52—0.5.
- Michel, Josef M., K. F. Hager, and M. Rosenthal, to the United States of America as represented by the Secretary of the Army. 2,692,857, Cl. 252—29.
- Michel, Maurice J. 2,688,161, Cl. 19—6.
- Michellini, Leo A., $\frac{1}{2}$ to L. Sbrana and $\frac{1}{2}$ to D. Sciarra. 2,691,063, Cl. 179—5.5.
- Michell, Albert M. 2,681,640, Cl. 122—341.
- Michelman, Nathan. 2,696,250, Cl. 160—192.
- Michelstetter, Donald L. 2,682,667, Cl. 2—205.
- Michiels, Gustave M., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Forming plastic material. 2,670,501, Mar. 2.
- Michigan Carton Company, assignee: *See—*
- Stowitts, Frank H.
- Michigan College of Mining & Technology, Board of Control of the: *See—*
- Yeadonn, Donald J., Hooker, and Garland. 2,691,395.
- Michigan Powdered Metal Products Co., Inc.: *See—*
- Blood, Leland C. 2,685,507.
- Causley, Arthur L.
- Causley, Arthur L. 2,695,231.
- Haller, John.
- Haller, John. 2,695,230.
- Michigan Tool Co.: *See—*
- Moncrieff, Alexander D. F. 2,693,133.
- Pelphrey, Harry. 2,682,100.
- Pelphrey, Harry. 2,693,020.
- Michigan Wire Goods Company, assignee: *See—*
- Smith, Mahlon J.
- Michlin, Sam, Brooklyn, N. Y. Plating machine. 2,665,827, Jan. 12.
- Mickelson, Grant A., Altadena, assignor to Filtrol Corporation, Los Angeles, Calif. Preparation of acid activated clay. 2,671,058, Mar. 2.
- Mickelson, Nils B., to The Reflectone Corp. 2,683,230, Cl. 310—172.
- Mickelson, Nils B., to The Reflectone Corp. 2,698,395, Cl. 310—149.
- Mickey, Arthur C.: *See—*
- McMillan, Archie, Beeker, and Mickey. 2,680,998.
- Mickey, Arthur C., A. McMillan, and B. Beeker, to General Motors Corp. 2,696,768, Cl. 93—1.
- Micro Processing Equipment Inc., assignee: *See—*
- Toof, Frederick L. 2,674,889.
- Micromatic Hone Corp.: *See—*
- Harris, William H., Jr. 2,675,654.
- Peden, Douglas T. 2,694,884.
- Peden, Douglas T. 2,694,885.
- Microtone Co., Inc., The: *See—*
- Mullin, Clayton D. 2,692,305.
- Middleton, Arthur E.: *See—*
- Reynolds, Donald C., Middleton, and Peet. 2,676,111.
- Middleton, Arthur E., D. C. Reynolds, and C. S. Peet, assignors, by mesne assignments, to The Consolidated Mining and Smelting Company of Canada, Limited. 2,676,112, Cl. 117—33.5.
- Middleton, Donald R.: *See—*
- Bixby, William H. 2,688,721.
- Middleton, Frank, assignor to Caterpillar Tractor Co. 2,678,134, Cl. 210—131.
- Middleton, Leslie H.: *See—*
- Schneider, William G., and Middleton. 2,688,055.
- Middleton, William H., and V. D. Miller, assignors of 75% to R. Bird and 25% to said Miller. 2,675,879, Cl. 166—19.
- Middleton, William R., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Selective oxidation process. 2,669,586, Feb. 16.
- Middleton, William R. 2,685,466, Cl. 287—53.
- Middleton, William R., to Socony-Vacuum Oil Co., Inc. 2,688,041, Cl. 260—590.
- Middlin, John: *See—*
- Burrow, William R., and Middlin.
- Midgette, Ernst L., and F. K. Daniel, to Vickers-Armstrongs Ltd. 2,687,852, Cl. 241—241.
- Midgley, Albert H. 2,676,281, Cl. 310—164.
- Midgley, Albert H., $\frac{1}{2}$ to A. M. Midgley. 2,687,459, Cl. 20—113.
- Midgley, Albert M.: *See—*
- Midgley, Albert H. 2,687,459.
- Midgley, Eric L.: *See—*
- Morin, Joseph R., Midgley, and Crowley.
- Midgley, Eric L., Salem, and C. A. Young, Gloucester, assignors to Sylvania Electric Products Inc., Salem, Mass. Article transfer apparatus. 2,665,831, Jan. 12.
- Midland Bank Executor and Trustee Co. Ltd., joint executor: *See—*
- Ewing, Henry, and Blackmore. 2,681,292.
- Ewing, Henry, and Blackmore. 2,681,446.
- Midland Co., The: *See—*
- Hupp, Arleigh G. 2,687,075.
- Midland Industries: *See—*
- Wolf, Charley W. 2,697,577.
- Midland Steel Products Co., The: *See—*
- Almond, John R.
- Almond, John R. 2,682,929.
- Midstate Manufacturing Company, assignee: *See—*
- Saunders, Harold A. and C. V. 2,674,227.
- Midwest Research Institute: *See—*
- Brewer, Jerome. 2,682,636.
- Brewer, Jerome. 2,682,637.
- Stutzman, Milo J.
- Wallance, Donald A., and Bendersky. 2,696,419.
- Midwest Tool and Cutlery Co.: *See—*
- Keller, Frederick. 2,680,293.
- Keller, Frederick. 2,690,010.
- Miedema, Gerben. 2,681,407, Cl. 219—38.
- Miedke, Robert C. 2,697,783, Cl. 250—27.
- Miehe, William H. F. 2,677,527, Cl. 254—38.
- Miehle Printing Press & Mfg. Co.: *See—*
- Pasquinelli, Bruno B. 2,694,363.
- Peyrebrune, Henri E., and Pasquinelli. 2,684,241.
- Schneider, David W. 2,677,994.
- Mierendorf, Robert C.: *See—*
- Anger, Ernest G., and Mierendorf.
- Miescher, Karl, Riehn, and J. Schmidlin, Basel, Switzerland, assignors to Ciba Pharmaceutical Products Inc., Summit, N. J. Preparation of 17,20-hydroxyketones of the pregnane series and new and useful compounds of the said series. 2,668,816, Feb. 9.

- Miescher, Karl, Riehen, and A. Marxer, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Azapentylene-diammonium compounds. 2,668,854, Feb. 9.
- Miescher, Karl, Riehen, and P. Wieland, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Hydrindenedione derivatives and their preparation. 2,668,858, Feb. 9.
- Miescher, Karl, Riehen, J. Heer, Binningen, and J. Schmidlin, and P. Wieland, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Esters of 20,21-ketols of the pregnane series with acids of the type of trimethyl acetic acid. 2,673,863, Mar. 30.
- Miescher, Karl, and P. Wieland, assignors to Ciba Pharmaceutical Products, Inc. 2,674,605, Cl. 260—397.3.
- Miescher, Karl, and C. Meystre, assignors to Ciba Pharmaceutical Products, Inc. 2,679,502, Cl. 260—397.4.
- Miescher, Karl, and J.-R. Billeter, to Ciba Pharmaceutical Products, Inc. 2,689,856, Cl. 260—397.45.
- Miescher, Karl, and E. Urech, to Ciba Pharmaceutical Products, Inc. 2,691,658, Cl. 260—309.6.
- Miessner, Benjamin F., Morristown, N. J. Antiflood fountain pen. 2,669,223, Feb. 16.
- Miessner, Benjamin F., Morristown, N. J. Pen nip with spreader. 2,669,224, Feb. 16.
- Miessner, Benjamin F., assignor to Miessner Inventions Inc., Harding Township, Morris County, N. J. Vibratory reed electronic musical instrument. 2,672,781, Mar. 23.
- Miessner, Benjamin F. 2,693,172, Cl. 120—48.
- Miessner, Benjamin F. 2,694,382, Cl. 120—42.16.
- Miessner Inventions Inc., assignee: *See*—
Miessner, Benjamin F.
- Mietzsch, Fritz: *See*—
Behnisch, Robert, Mietzsch, and Schmidt.
Schmidt, Hans, Behnisch, and Mietzsch.
- Migley, William J., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Surface finishing glass and article produced thereby. 2,668,783, Feb. 9.
- Migneault, Maurice, Nashua, N. H. Container closure. 2,665,023, Jan. 5.
- Migny, Louis P. 2,675,225, Cl. 267—1.
- Mihalakis, Agis I., to Glowmeter Corp. 2,685,818, Cl. 88—24.
- Mihalakis, Agis I., to Glowmeter Corp. 2,693,131, Cl. 88—24.
- Mihalvi, Joseph, assignor to Eastman Kodak Company. 2,674,931, Cl. 95—31.
- Mihata, Walter Y.: *See*—
Kamimori, Shitetsu. 2,692,913.
- Mijnlieff, Ary J., Zeist, B. A. van Rietschoten, and P. Loos, assignors to N. V. Provinciaal en Gemeentelijk Utrechts Stroomleversbedrijf, Utrecht, Netherlands. Heat consumption meter. 2,667,783, Feb. 2.
- Mikeska, Louis A.: *See*—
Cohen, Charles A., Mikeska, and Knoth. 2,688,627.
Morway, Arnold J., and Mikeska. 2,694,683.
Smith, Paul V., Jr., Mikeska, and Popkin. 2,683,119.
- Mikeska, Louis A., S. B. Lippincott, and A. H. Popkin, assignors to Standard Oil Development Company. 2,677,662, Cl. 252—56.
- Miklos, Alexander. 2,684,880, Cl. 308—88.
- Mikrovaerk A/S, assignee: *See*—
Hansen, Asgar.
Jacobsen, Ib J.
- Milam, Paul B., to Phillips Petroleum Co. 2,691,539, Cl. 285—196.
- Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Acetylene peroxides. 2,670,384, Feb. 23.
- Milas, Nicholas A. 2,694,092, Cl. 260—610.
- Milcent, Robert. 2,676,594, Cl. 128—285.
- Milden, Wallace M.: *See*—
Grover, Anthony P., and Milden.
- Miler, Carl A. 2,674,957, Cl. 104—64.
- Miler, Richard W., assignor to The Dow Chemical Company, Midland, Mich. Plastic molding machine. 2,668,986, Feb. 16.
- Miles, Fletcher C.: *See*—
Peterson, Ruben O., and Miles.
- Miles, George N.: *See*—
MacCracken, Calvin D., and Miles. 2,686,562.
- Miles Laboratories, Inc.: *See*—
Nicholls, Richard S., and Fonner. 2,689,814.
- Miles, William B. 2,687,091, Cl. 101—286.
- Miletti, Chris, assignee: *See*—
Woeckner, Harry. 2,680,617.
- Milewski, Richard D., to Lith-I-Bar Co. 2,696,310, Cl. 212—135.
- Milewski, Walter C. 2,690,657, Cl. 65—12.
- Milgrom, Hymen T.: *See*—
Heuboski, Walter J., and Milgrom. 2,676,589.
Heuboski, Walter J., and Milgrom. 2,690,676.
- Milhoan, John, Wildorado, Tex. Pickup truck endgate fastener. 2,670,980, Mar. 2.
- Militano, Vincent, to The Finkel Umbrella Frame Co., Inc. 2,693,973, Cl. 287—91.
- Miljam Instrument Corporation, assignee: *See*—
Cohen, Milton J. 2,679,246.
- Milk, Robert L., assignor to Merriman Bros. Inc. 2,680,259, Cl. 14—16.
- Millard, John H. 2,691,058, Cl. 174—36.
- Millard, Bennett, to G. E. Swain. 2,697,287, Cl. 36—7.7.
- Millard, Everett M., Glendale, A. L. Turner, San Fernando, H. M. Kurz, Burbank, and M. L. Dockery, Sun Valley, Calif., said Turner, said Kurz, and said Dockery assignors to said Millard. Adjustable colander for cooking and serving vegetables and the like. 2,667,117, Jan. 26.
- Millard, Lee P.: *See*—
Hyman, Benjamin M., and Millard.
- Millard, Loren D., to Merco Centrifugal Co. 2,695,748, Cl. 233—47.
- Millars' Machinery Co. Ltd.: *See*—
Leech, Laurence A. 2,686,430.
- Miller, Albert A., and A. G. Wilson, assignors to Self-Changing Gear Company Limited, Coventry, England. Torque and speed responsive clutch. 2,673,633, Mar. 30.
- Miller, Albert W., deceased; H. E. Miller, executrix, to H. E. Miller. 2,694,581, Cl. 285—86.
- Miller, Alfred B., to Westinghouse Air Brake Co. 2,698,425, Cl. 340—163.
- Miller, Alfred J.: *See*—
Royer, Stanley H., Miller, and Hinschlager. 2,679,381.
- Miller, Andrew C., assignor to Humber Limited, Stoke, Coventry, England. Electromagnetic clutch. 2,672,965, Mar. 23.
- Miller, Andrew E., Fort Lauderdale, Fla., assignor to Alton Box Board Company, Alton, Ill. Chick box cleat. 2,671,594, Mar. 9.
- Miller, Andrew E., Fort Lauderdale, Fla., assignor to Alton Box Board Company, Alton, Ill. Chick box cleat. 2,671,595, Mar. 9.
- Miller, Anna L., and D. M. Keast, Philadelphia, Pa. Antiperspirant dispenser. 2,664,581, Jan. 5.
- Miller, Asa N.: *See*—
Dayger, Jonas E., and Miller. 2,681,615.
- Miller, Barry L. 2,696,868, Cl. 155—29.
- Miller, Benjamin, assignor to The Chemical Foundation, Incorporated. 2,677,945, Cl. 62—175.5.
- Miller, Benjamin, assignor to The Chemical Foundation, Incorporated. 2,678,531, Cl. 60—39.05.
- Miller, Benjamin, assignor to The Chemical Foundation, Incorporated. 2,678,532, Cl. 60—39.05.
- Miller, Bernard C. 2,680,497, Cl. 184—88.
- Miller, Byron S., and J. A. Johnson, to Research Corp. 2,683,682, Cl. 195—66.
- Miller, C. Eugene, assignee: *See*—
Mueller, Herman H.
- Miller, Carl F., assignor to National Union Radio Corporation. 2,675,431, Cl. 179—171.
- Miller, Carlos, Nogales, Ariz. Knife handle. 2,669,019, Feb. 16.
- Miller, Carroll E., assignor to Cone Automatic Machine Company Inc., Windsor, Vt. Single spindle automatic lathe. 2,669,005, Feb. 16.
- Miller, Carroll E., assignor to Cone Automatic Machine Company Inc., Windsor, Vt. Shaping attachment for lathes. 2,670,525, Mar. 2.
- Miller, Carroll E., to Cone Automatic Machine Co., Inc. 2,696,897, Cl. 192—67.
- Miller, Charles B.: *See*—
Calfee, John D., and Miller. 2,674,630.
Calfee, John D., and Miller. 2,681,267.
Calfee, John D., Miller, and Schneider. 2,690,815.
Woolf, Cyril, and Miller.
- Miller, Charles B., Lynbrook, N. Y., and L. R. Smith, Woodbridge, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Production of fluorine compounds. 2,669,590, Feb. 16.
- Miller, Charles B., Lynbrook, N. Y., and J. D. Calfee, Dayton, Ohio, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Preparation of unsaturated fluoro-chloro-carbon. 2,670,388, Feb. 23.
- Miller, Charles B., and J. D. Calfee, assignors to Allied Chemical & Dye Corporation. 2,674,631, Cl. 260—653.
- Miller, Charles B., and J. D. Calfee, assignors to Allied Chemical & Dye Corporation. 2,676,996, Cl. 260—653.
- Miller, Charles E.: *See*—
Broomell, George L., Jr., and Miller. 2,678,422.
Onksen, George W., Jr., and Miller. 2,679,616.
- Miller, Charles F., to Jacquard Knitting Machine Co., Inc. 2,684,583, Cl. 66—95.
- Miller, Charles F., to Jacquard Knitting Machine Co., Inc. 2,696,092, Cl. 66—50.
- Miller, Charles F., to Jacquard Knitting Machine Co., Inc. 2,696,720, Cl. 66—20.
- Miller, Charles M. 2,684,222, Cl. 248—49.
- Miller, Charles S.: *See*—
Boger, William P., and Miller. 2,676,902.
- Miller, Clare G., J. D. and J. Osborn. 2,684,834, Cl. 255—20.
- Miller, Clarence E., Staunton, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn handling device. 2,667,964, Feb. 2.
- Miller, Clarence W., to D. J. Murray Mfg. Co. 2,697,563, Cl. 242—72.
- Miller, Clemmy O., assignor to Kremers-Urban Co. 2,678,899, Cl. 167—67.
- Miller, Coleman J., to Westinghouse Electric Corp. 2,686,258, Cl. 250—20.
- Miller, Coleman J., to Westinghouse Electric Corp. 2,691,731, Cl. 250—33.69.
- Miller, Coleman J., to Westinghouse Electric Corp. 2,697,137, Cl. 179—171.
- Miller, De Mont G., to Byron Jackson Co. 2,681,793, Cl. 254—190.

- Miller, De Mont G., and R. R. Wood, to Byron Jackson Co. 2,694,853, Cl. 29—236.
- Miller, Donald B. 2,682,720, Cl. 40—2.
- Miller, Earl P., assignor to General Motors Corporation. 2,677,342, Cl. 113—50.
- Miller, Edgar S.: *See*—
Wilkinson, Joseph M., and Miller. 2,695,920.
- Miller, Edith J. B., assignor to Desarco Corporation, Chicago, Ill. Color harmony selection system. 2,665,503, Jan. 12.
- Miller, Edward, North Salem, N. Y. Handsaw with parallel blades. 2,669,267, Feb. 16.
- Miller, Edward. 2,682,899, Cl. 144—286.
- Miller, Edward, and R. E. Meagher, assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,680,210, Cl. 315—24.
- Miller, Edward B., and G. C. Stewart. 2,692,160, Cl. 294—86.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Full tool gear finishing method. 2,669,905, Feb. 23.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Work support for long workpieces with machine tools. 2,669,907, Feb. 23.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company. 2,676,519, Cl. 90—1.6.
- Miller, Edward W., to The Fellows Gear Shaper Co. 2,696,762, Cl. 90—1.6.
- Miller, Edwin C., assignor to Northwest Radio Consultant Service. 2,679,626, Cl. 323—22.
- Miller Electric Co., assignee: *See*—
Goodwin, George R.
- Miller, Elmer: *See*—
Folkins, Hillis O., and Miller.
Folkins, Hillis O., Miller, and Hennig.
- Miller, Elmer C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Analyzing and control device. 2,673,297, Mar. 23.
- Miller, Elmer C. to Phillips Petroleum Co. 2,685,649, Cl. 250—43.5.
- Miller, Elmer W. 2,697,286, Cl. 35—50.
- Miller, Elwood A., and B. V. Klain. 2,676,643, Cl. 155—30.
- Miller, Ernest B., Houston, Tex., assignor to Jefferson Lake Sulphur Company, New Orleans, La. Apparatus for the recovery of elemental sulfur in liquid form from gases containing hydrogen sulfide. 2,665,974, Jan. 12.
- Miller, Ernest F., to Westinghouse Electric Corp. 2,693,760, Cl. 103—102.
- Miller Fluid Power Co.: *See*—
Flick, Francis S. 2,683,463.
- Miller, Forest H., assignee: *See*—
Miller, Walter I.
- Miller, Frank G., and G. R. Telle, to Hughes Aircraft Co. 2,683,201, Cl. 200—117.
- Miller, Frank L., Zionsville, Ind., assignor to Shell Development Company, Emeryville, Calif. Reverse flow by-pass valve. 2,669,248, Feb. 16.
- Miller, Franklin L. 2,675,598, Cl. 25—128.
- Miller, Frederick B. 2,697,592, Cl. 262—12.
- Miller, Frederick J. L.: *See*—
Mills, James R., Robinson, and Miller. 2,698,344.
- Miller, George A., Jr.: *See*—
Keller, Walter L., and Miller. 2,683,416.
- Miller, George E., Edgewood Arsenal, E. M. Faber, Baltimore, and A. M. Reeves, Havre de Grace, Md., assignors to the United States of America as represented by the Secretary of War. Making bis(beta chlorethyl) sulfide. 2,669,587, Feb. 16.
- Miller, George E., and E. E. Reid. 2,695,306, Cl. 260—442.
- Miller, George W. 2,683,444, Cl. 123—119.
- Miller, George W., to Goodman Mfg. Co. 2,683,475, Cl. 143—32.
- Miller, Gladys D.: *See*—
Harkenrider, Robert J. 2,676,070.
Harkenrider, Robert J. 2,695,822.
Harkenrider, Robert J. 2,695,823.
- Miller, Glen W.: *See*—
Sage, Bruce H., McMorris, and Miller. 2,685,837.
- Miller, Grace, assignee: *See*—
Miller, Harry G.
- Miller, Grace G., and E. K. Lotthammer: said Lotthammer assignor to said Miller. 2,691,184, Cl. 15—140.4.
- Miller, Harold A. 2,677,577, Cl. 299—18.
- Miller, Harold F.: *See*—
Eckel, Joseph C., and Miller. 2,677,624.
- Miller, Harold J. 2,677,553, Cl. 280—164.
- Miller, Harold L., to Robot Appliances, Inc. 2,687,297, Cl. 268—59.
- Miller, Harry C., Fairfax, Va. Exposed shackle combination padlock. 2,673,457, Mar. 30.
- Miller, Harry C. 2,677,814, Cl. 340—147.
- Miller, Harry C. 2,687,636, Cl. 70—86.
- Miller, Harry C. 2,690,664, Cl. 70—333.
- Miller, Harry G., assignor to G. Miller, Kansas City, Kans. Band saw guide with an adjustable back roller. 2,670,767, Mar. 2.
- Miller, Harry G. 2,683,576, Cl. 248—24.
- Miller, Harry L., and H. C. Kurtz. 2,686,998, Cl. 56—25.
- Miller, Helen E.: *See*—
Miller, Albert W. 2,694,584.
- Miller, Henry J.: *See*—
Broussard, Robert F., Miller, and Sollenberg. 2,695,090.
- Miller, Henry J. 2,692,564, Cl. 103—273.
- Miller, Herman, assignor to Miller Laundry Machinery Co., Detroit, Mich. Washing machine of the cylindrical container, end discharge type. Re. 23,764, Jan. 5.
- Miller, Herman, Furniture Co. The: *See*—
Eames, Charles. 2,697,575.
- Miller, Homer H., Bridgeport, Conn., assignor to General Electric Company. Three position hinge for cooking appliances. 2,666,946, Jan. 26.
- Miller, Howard L., Lansdale, Pa. Variable voltage supply system. Re. 23,797, Mar. 9.
- Miller, Hugo S. 2,686,592, Cl. 209—163.
- Miller, Ida L.: *See*—
Miller, Max C. 2,690,660.
Miller, Max C. 2,694,306.
- Miller, Ira A., assignor to Otis Engineering Corporation, Dallas, Tex. Anchoring assembly for oil tools. 2,673,614, Mar. 30.
- Miller, Jack C., New Sharon, Iowa. Pig castrating holder. 2,664,857, Jan. 5.
- Miller, James J., to Kelsey-Hayes Wheel Co. 2,693,166, Cl. 118—7.
- Miller, James R., to The B. F. Goodrich Co. 2,684,954, Cl. 260—29.7.
- Miller, James R., to Standard Oil Development Co. 2,687,991, Cl. 196—150.
- Miller, James R., 1/4 to S. E. Scoville. 2,694,366, Cl. 103—61.
- Miller, Jerry T. 2,680,983, Cl. 81—57.
- Miller, John B. 2,696,621, Cl. 7—14.1.
- Miller, John H., to Scott & Williams, Inc. 2,688,323, Cl. 128—33.
- Miller, John H., and R. W. Gilbert, to Western Electrical Instrument Corp. 2,687,512, Cl. 324—86.
- Miller, John M.: *See*—
Marskell, Walter G., and Miller. 2,684,573.
- Miller, John P. 2,691,264, Cl. 56—25.4.
- Miller, John W., Toronto, Ontario, Canada. Shuttlecock and manufacture. 2,666,643, Jan. 19.
- Miller, John W., Davenport, Iowa. Poultry fountain with water heating means. 2,671,430, Mar. 9.
- Miller, John W., to Motor Wheel Corp. 2,688,958, Cl. 126—307.
- Miller, John W., and W. W. Edwards, to Motor Wheel Corp. 2,695,016, Cl. 126—307.
- Miller, Joseph C., to W. Miller. 2,681,680, Cl. 152—208.
- Miller, Joseph G.: *See*—
Schmidt, Theodore D. 2,696,802.
- Miller, Joseph V., Auburn, and R. C. Reed, Sturbridge, assignors to American Optical Company, Southbridge, Mass. Improvement in cases. 2,666,521, Jan. 19.
- Miller, Kenneth M. 2,675,609, Cl. 29—284.
- Miller, Kenneth W., assignor to The Board of Regents of the University of Colorado. 2,680,437, Cl. 126—270.
- Miller, Landon M.: *See*—
Gaut, Jack B., and Miller. 2,693,070.
- Miller Laundry Machinery Co., assignee: *See*—
Miller, Herman.
- Miller, Lee F., to Price Electric Corp. 2,683,785, Cl. 200—87.
- Miller, Leon F., to The Osborn Mfg. Co. 2,682,091, Cl. 22—32.
- Miller, Lester C., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Bearings. 2,666,677, Jan. 19.
- Miller, Lloyd C., to Formold Plastics, Inc. 2,681,742, Cl. 215—40.
- Miller, Lloyd C., to Formold Plastics, Inc. 2,687,831, Cl. 222—569.
- Miller, Louis G. 2,685,006, Cl. 200—61.89.
- Miller, Louis L., Cleveland, Ohio, assignor to United States Steel Corporation. Thrust bearing for rolling mill rolls and the like. 2,669,493, Feb. 16.
- Miller Mfg. Co.: *See*—
Hare, Terence G. 2,676,610.
Hare, Terence G. 2,697,423.
- Miller Manufacturing Company, Incorporated, assignee: *See*—
Goff, John W. 2,692,777, Cl. 273—149.
- Miller, Mathias J. 2,692,777, Cl. 273—149.
- Miller, Max C., deceased, by I. L. Miller, executrix. 2,690,660, Cl. 66—96.
- Miller, Max C., deceased, by I. L. Miller, executrix. 2,694,306, Cl. 66—187.
- Miller, Melvin G. 2,697,631, Cl. 296—28.
- Miller, Merton R., to Ransburg Electro-Coating Corp. 2,695,002, Cl. 118—51.
- Miller Meters, Inc.: *See*—
Broussard, Robert F. 2,685,953.
Broussard, Robert F., Miller, and Sollenberger. 2,695,090.
- Miller, Neville F., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Titanium dioxide pigment and preparing. 2,668,776, Feb. 9.
- Miller, Nicholas, to General Electric Co. 2,691,084, Cl. 200—140.
- Miller, Nicholas S., to Cummins-Chicago Corp. 2,682,308, Cl. 164—111.
- Miller, Nils. 2,690,346, Cl. 287—52.09.

- Miller, O. L.: *See*—
Watkins, Ivan S. 2,689,106.
- Miller Oil Burner Co., Inc.: *See*—
De Lancey, Ralph W. 2,688,362.
- Miller, Omer E. 2,681,148, Cl. 210—24.
- Miller, Owen A. 2,678,995, Cl. 240—6,45.
- Miller, Philip: *See*—
Masich, Edward J., Miller, and Beck. 2,695,509.
- Miller, Philip, Flushing, N. Y. Lamp shade stud support. 2,668,906, Feb. 9.
- Miller, Philip, and R. F. Bardsley, to Alexander Smith, Inc. 2,695,634, Cl. 139—39.
- Miller, Philip H.: *See*—
Hansen, Carl K., Miller, and Rovner. 2,694,926.
- Miller, Philip H., and L. E. Rovner, to the United States of America as represented by the Secretary of the Navy. 2,694,258, Cl. 33—27.
- Miller Printing Machine Co., assignee: *See*—
Kunz, John. 2,678,602.
- Miller, Ralph: *See*—
Hixson, Arthur W., and Miller.
- Miller, Ralph, Milwaukee, Wis. High-pressure supercharging system. 2,670,595, Mar. 2.
- Miller, Ralph, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Combustion chamber for four cycle diesel engines. 2,672,852, Mar. 23.
- Miller, Ralph, to The Chemical Foundation, Inc. 2,682,551, Cl. 260—412.8.
- Miller, Ralph, to The Chemical Foundation, Inc. 2,688,626, Cl. 260—410.7.
- Miller, Ralph, to The Chemical Foundation, Inc. 2,691,569, Cl. 23—102.
- Miller, Ralph L., to The Goodyear Tire & Rubber Co. 2,682,274, Cl. 135—5.
- Miller, Raymond E., to Bethlehem Steel Co. 2,686,026, Cl. 246—435.
- Miller, Raymond J., Detroit, assignor to Dearborn Motors Corporation, Birmingham, Mich. Track laying front wheel for tricycle tractors. 2,665,175, Jan. 5.
- Miller, Raymond J., Detroit, assignor to Dearborn Motors Corporation, Birmingham, Mich. Warning light for vehicles. 2,665,418, Jan. 5.
- Miller, Raymond J., to Ford Motor Co. 2,681,709, Cl. 180—53.
- Miller, Raymond J., Detroit, F. D. Sawyer, Wayne, and R. H. Witt, Royal Oak, assignors, by mesne assignments, to Ford Motor Company, Dearborn, Mich. Cotton stripper. 2,673,438, Mar. 30.
- Miller, Raymond J., Detroit, and R. W. Wilson, Ferndale, assignors to Dearborn Motors Corporation, Birmingham, Mich. Implement hitch. 2,673,506, Mar. 30.
- Miller, Raymond S., Hollywood, and G. W. Sinclair, Los Angeles, assignors to M. O. Johnston, Glendale, Calif. Hydraulic control system. 2,671,316, Mar. 9.
- Miller, Reginald M., assignor to Inland Steel Products Company, Milwaukee, Wis. Wall base clip. 2,669,862, Feb. 23.
- Miller, Reuben L., assignee: *See*—
Miller, Walter I.
- Miller, Robert. 2,694,394, Cl. 128—33.
- Miller, Robert A.: *See*—
Olson, Henry L., and Miller. 2,689,666.
Olson, Henry L., and Miller. 2,695,935.
Olson, Henry L., Miller, and Hale. 2,685,633.
Olson, Henry L., Miller, and Hale. 2,692,549.
Savelle, Edward H., and Miller. 2,680,403.
- Miller, Robert C., assignor to Benton Harbor Engineering Works, Inc., Benton Harbor, Mich. Self-regulating flow-control valve. 2,664,914, Jan. 5.
- Miller, Robert E.: *See*—
Norris, William C., and Miller. 2,683,869.
- Miller, Robert P., F. Mathewson, and G. H. Meinzer; said Miller and said Mathewson assors. to said Meinzer. 2,696,302, Cl. 209—332.
- Miller, Roy G. 2,687,536, Cl. 5—62.
- Miller, Roy L., and A. H. Parsons, to Mississippi Chemical Corp. 2,690,267, Cl. 214—18.
- Miller, Russell H. 2,695,747, Cl. 230—117.
- Miller, Theodore H. 2,684,088, Cl. 143—38.
- Miller, Theodore J.: *See*—
Riedesel, Richard G., Miller, and Martin.
- Miller, Theodore J., assignor to Minnesota Mining & Manufacturing Company. 2,679,128, Cl. 51—141.
- Miller, Thomas R.: *See*—
McTeer, Lucian W., Miller, and Schulz. 2,694,732.
McTeer, Lucian W., Miller, and Schulz. 2,694,733.
- Miller, Velma L. 2,675,121, Cl. 198—224.
- Miller, Vera B., to F. H. Heilmann and F. Sherwood. 2,688,997, Cl. 155—44.
- Miller, Versales D.: *See*—
Middleton, William H., and Miller. 2,675,879.
- Miller, Wallace W. 2,692,176, Cl. 311—109.
- Miller, Wallace W. 2,696,028, Cl. 20—64.
- Miller, Warren J. 2,675,559, Cl. 2—234.
- Miller, Warren S., Houston, Tex., and L. C. Hirdler, Maplewood, La., assignors to Mathieson Chemical Corporation. Production of sodium bicarbonate and ammonium chloride in modified ammonia-soda type process. 2,666,686, Jan. 19.
- Miller, Warren S., Houston, Tex., and L. C. Hirdler, Maplewood, La., assignors to Mathieson Chemical Corporation. Separation and use of ammonium chloride in the ammonia soda process for producing sodium bicarbonate. 2,671,713, Mar. 9.
- Miller, Walter C. 2,686,334, Cl. 17—8.
- Miller, Walter I., assignor of one-fourth to F. H. Miller and one-fourth to R. L. Miller, Farmdale, Ohio. Plow-type windrow turner. 2,669,085, Feb. 16.
- Miller, Walter W., assignor to United Specialties Company. 2,679,557, Cl. 260—11.
- Miller, Wayland R. 2,677,732, Cl. 200—38.
- Miller, Wilbur: *See*—
Miller, Joseph C. 2,681,680.
- Miller, Wilbur A. 2,678,241, Cl. 302—56.
- Miller, William C., Pittsburgh, Pa. Interrupted continuous conveyor. 2,671,552, Mar. 9.
- Miller, William C., Pasadena, Calif., and D. C. Strain, Portland, Oreg., assignors to Beckman Instruments, Inc. Mount for dispersing means. 2,670,648, Mar. 2.
- Miller, William F., O. L. Cunningham, and M. W. Maki, to Toro Mfg. Corp. of Minnesota. 2,682,740, Cl. 56—6.
- Miller, William F., O. L. Cunningham, and M. W. Maki, to Toro Mfg. Corp. of Minnesota. 2,690,040, Cl. 56—6.
- Miller, William H., to Cloverleaf-Freeland Corp. 2,681,188, Cl. 242—124.
- Miller, William, Instruments, Inc., assignee: *See*—
Miller, William W.
- Miller, William J., to Cooperative Utilities Co., Inc. 2,689,437, Cl. 51—205.
- Miller, William J. 2,690,172, Cl. 126—343.5.
- Miller, William J., and A. C. Johnson, to Elliott Bay Mill Co. 2,692,625, Cl. 144—279.
- Miller, William J., and A. C. Johnson, to Elliott Bay Mill Co. 2,695,044, Cl. 144—208.
- Miller, William S. 2,681,840, Cl. 311—27.
- Miller, William S., to The Calico Printers' Assn. Ltd. 2,681,867, Cl. 117—11.
- Miller, William T., Ithaca, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Heat treatment of polytrifluorochloroethylene plastic. 2,667,474, Jan. 26.
- Miller, William T., Ithaca, N. Y. Polyunsaturated fluoroolefins. 2,668,182, Feb. 2.
- Miller, William T., Ithaca, N. Y. Perhalocarbon compounds and preparing them. 2,671,799, Mar. 9.
- Miller, William T. 2,691,036, Cl. 260—465.7.
- Miller, William W., Los Angeles, Calif., assignor, by mesne assignments, to William Miller Instruments, Inc. Timing light control for oscillographs and the like. 2,667,812, Feb. 2.
- Miller, William W., Los Angeles, Calif., assignor, by mesne assignments, to William Miller Instruments, Inc. Multiple reflection indication for moving mirror instruments. 2,670,660, Mar. 2.
- Miller Wrapping & Sealing Machine Co.: *See*—
Corley, Mark H., Arvidson, and Barber. 2,687,604.
- Millers Falls Co.: *See*—
Huxtable, Robert W. 2,696,233.
Moore, Fred W. 2,686,392.
Pratt, Leonard C. 2,693,541.
- Millers Falls Paper Company, assignee: *See*—
Constance, Joseph A. 2,676,119.
- Millerwise, Carl H., and W. H. Hohmeyer, to Detroit Controls Corp. 2,695,054, Cl. 158—28.
- Millett, Lewis F., and M. L. Schmitz, assignors to Bendix Aviation Corporation. 2,674,693, Cl. 250—33.65.
- Millhiser Bag Company, Inc., assignee: *See*—
Golden, Bertie C.
- Millhouse, Sterling D., assignor to Revere Copper and Brass Incorporated. 2,676,687, Cl. 192—131.
- Millhuff, George W. 2,697,466, Cl. 150—39.
- Milliard, Lee P., and K. L. Allen, to International Harvester Co. 2,682,948, Cl. 198—104.
- Millidge, Alfred F.: *See*—
Gasson, Edward J., and Millidge. 2,686,205.
Wild, Anthony M., Gasson, and Millidge. 2,694,090.
- Milligan, Doris A.: *See*—
McKay, Doris A.
- Milligan, Gaymond E. 2,692,443, Cl. 35—13.
- Milligan, George R.: *See*—
Chambers, Albert M., Jr., and Milligan. 2,695,799.
- Milligan, William C. 2,677,070, Cl. 313—195.
- Milligan, William G.: *See*—
Woodward, Alva W., and Milligan. 2,674,427.
- Milliken, Edward C., to The Bowerston Shale Co. 2,682,696, Cl. 25—156.
- Milliken, Humphreys. 2,688,230, Cl. 60—39.63.
- Milliken, Thomas H., Jr.: *See*—
Oblad, Alex G., Milliken, and Heinemann. 2,676,907.
- Milliken, Thomas H., Jr., to Houdry Process Corp. 2,688,002, Cl. 252—448.
- Millington, Agnes G.: *See*—
Knaus, Nicholas, and Millington.
Knaus, Nicholas, and Millington. 2,682,240.
- Millington, Wayne R.: *See*—
Leffer, Charles R. 2,692,434.
- Millis, Keith D., A. P. Gagnebin, and N. B. Pilling, assignors to The International Nickel Company, Inc. 2,675,308, Cl. 75—123.
- Millis, Keith D., A. P. Gagnebin, and N. B. Pilling, to The International Nickel Co., Inc. 2,690,392, Cl. 75—130.
- Millman, Sidney, to Bell Telephone Laboratories, Inc. 2,683,238, Cl. 315—3.
- Mills, Alfred H. 2,691,229, Cl. 37—155.
- Mills, Carroll B.: *See*—
Barnett, Clarence F., and Mills.
- Mills, Cleveland. 2,676,797, Cl. 270—86.

- Mills, Edgar D., to McCabe-Powers Auto Body Co. 2,695,082, Cl. 189—11.
Mills, George A., to Houdry Process Corp. 2,683,683, Cl. 196—23.
Mills, George L., Auburn, Maine, assignor to Bates Manufacturing Company. Method and apparatus for forming apertured fabric. 2,673,577, Mar. 30.
Mills, Herbert, and H. Ford, to Orr's Zinc White Ltd. 2,687,972, Cl. 106—293.
Mills, Herbert, and H. Ford, to Orr's Zinc White Ltd. 2,687,973, Cl. 106—293.
Mills, Herbert, and H. Ford, to Orr's Zinc White Ltd. 2,687,974, Cl. 106—293.
Mills, Herbert L. 2,688,125, Cl. 340—259.
Mills, Ivor W., to Sun Oil Co. 2,695,865, Cl. 196—14.48.
Mills, Jack, and E. Rohrmann, assignors to Eli Lilly and Company, Indianapolis, Ind. Substituted haloalkylamines. 2,673,879, Mar. 30.
Mills, James R., J. N. Robinson, and F. J. L. Miller, to The Consolidated Mining and Smelting Co. of Canada, Ltd. 2,698,344, Cl. 260—564.
Mills, John: See—
 Clifford, Thomas W., and Mills. 2,682,804.
Mills, John K., to Bell Telephone Laboratories, Inc. 2,694,106, Cl. 179—84.
Mills, John K., to Bell Telephone Laboratories, Inc. 2,697,792, Cl. 307—132.
Mills, John K., Morristown, N. J., and W. S. Ross, Port Washington, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone ringing power plant. 2,672,604, Mar. 16.
Mills, Le Roy K., and O. F. Slaby. 2,684,716, Cl. 164—84.5.
Mills, Ovella D., administratrix: See—
 Mills, Robert W.
Mills, Paul R.: See—
 Howard, James H., and Mills.
Mills, Ralph W.: See—
 Evans, Taylor H., and Mills. 2,693,466.
Mills, Robert G. 2,686,876, Cl. 250—36.
Mills, Robert L.: See—
 McClure, Carroll D., and Mills. 2,684,468.
Mills, Robert W., deceased, late of Jacksonville, Fla., by O. D. Mills, administratrix. Faced, reinforced block wall. 2,669,114, Feb. 16.
Millsap, John C. 2,692,922, Cl. 200—83.
Millspaugh Limited, assignee: See—
 Heys, Ralph C. 2,677,316.
Millspaugh, Louise N., assignee: See—
 Nordell, Carl H.
Millstead, George F.: See—
 Davis, William H., and Millstead. 2,674,428.
Milne, David T.: See—
 Bauling, Adrianus L., and Milne.
Milne, James M., and A. E. Were, to General Electric Co. 2,691,086, Cl. 200—166.
Milne, John C., assignor to The Electric Construction Company Limited, Wolverhampton, England. Electrical drive for textile machines. 2,671,942, Mar. 16.
Milne, John C., assignor to Electric Construction Company Limited. 2,675,491, Cl. 307—87.
Milne, John C., assignor to Electric Construction Company Limited. 2,675,492, Cl. 307—87.
Milo Harding Company, assignee: See—
 Bailey, Richard W. 2,679,799.
Miloche, Herman A., to Bell Telephone Laboratories, Inc. 2,682,063, Cl. 7—14.1.
Miloche, Herman A., Teaneck, N. J., and C. V. Obst, South Ozone Park, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal strip. 2,673,970, Mar. 30.
Milone, Louis J., to The Eagle-Picher Co. 2,695,084, Cl. 189—36.
Milprint, Inc.: See—
 Mercer, Lewis P. 2,680,471.
 Smith, Donald P. 2,682,475.
Milsom, Daniel, Maplewood, La., assignor to Cities Service Research and Development Company, New York, N. Y. Stabilization of mineral oil fractions. 2,666,021, Jan. 12.
Milsom, Frederick R., to S. Smith & Sons (England) Ltd., and Furzehill Laboratories Ltd. 2,692,356, Cl. 318—18.
Milsom, Frederick R.: See—
 Meredith, Frederick W., and Milsom. 2,686,285.
Milstead, William C., Waco, Tex. Rack for attachment to vehicles. 2,672,265, Mar. 16.
Milster, Arthur N., to Wagner Electric Corp. 2,683,781, Cl. 200—61.89.
Miltenberger, Ferdinand. 2,680,308, Cl. 35—47.
Milton, James M.: See—
 Gollus, Le Roy R., Hay, Milton, and Turner. 2,675,068.
Milton, Paul E. 2,685,390, Cl. 222—338.
Milwaukee Flush Valve Company, assignee: See—
 Hartmann, Gilbert L., and Slinde.
Milwaukee Gas Specialty Co.: See—
 Arvin, Martin J. 2,678,774.
 Bower, George D. 2,693,518.
 Bydalek, Floyd J. 2,687,274.
 Cretzler, Donald J. 2,696,350.
 Holmes, Gifford I. 2,674,641.
 Leins, Oscar J. 2,694,098.
 Leins, Oscar J. 2,695,136.
Milwaukee Gas Specialty Co.: See—Continued.
 Matthews, Russell B.
 Matthews, Russell B. 2,682,016.
 Matthews, Russell B. 2,687,870.
 Maurice, George. 2,687,169.
 Thornberry, John H. 2,676,757.
 Thornberry, John H. 2,687,738.
 Wolff, Carl. 2,687,501.
 Wolff, John A. 2,691,056.
Milwaukee Resistor Company, assignee: See—
 Fisher, Oakley F.
Milwaukee Stamping Company, assignee: See—
 Robinson, Ralph. 2,674,922.
Milwaukee Valve Co.: See—
 Hoelzer, William F. 2,680,030.
 Hoelzer, William F. 2,673,816.
Mims, Bruce L., assignor to The Barden Corporation. 2,675,621, Cl. 33—147.
Mims, Carl E. 2,693,163, Cl. 115—29.
Minard, Everett S., Fairport, assignor to The Pfaudler Company, Rochester, N. Y. Filling machine. 2,666,564, Jan. 19.
Minarik, Rudolph A.: See—
 Griffith, John H., and Minarik. 2,687,929.
Minco Products Corp.: See—
 Barry, Davitt W. 2,686,729.
Minder, Alexander, assignee: See—
 Kummli, Jakob.
Minder Bros., Inc., assignee: See—
 Minder, George A.
Minder, George A., Seattle, assignor to Minder Bros., Inc., Spokane, Wash. Making a composite meat product. 2,673,156, Mar. 23.
Minder, Otto, assignor to Sulzer Frères, Societe Anonyme. 2,678,033, Cl. 123—59.
Mine Safety Appliances Co.: See—
 Evans, Robert B.
 Evans, Robert B. 2,682,315.
 Green, Daniel A.
 Green, Daniel A., and Deike.
 Hamilton, William C. 2,693,181.
 Hamilton, William C., and Becker. 2,695,022.
 Hamilton, William C., and Bub. 2,679,844.
 Jacobson, Moses G. 2,694,928.
 Lewis, John M., and Bub. 2,691,427.
 Strange, John P., and Paulus. 2,687,342.
Miner, Carl S., Jr.: See—
 Pedlow, George W., Jr., and Miner.
Miner, Ernest F.: See—
 Morgan, Claude R., and Miner. 2,677,296.
Miner, Ernest F., and H. S. Davis, to General Electric Co. 2,684,492, Cl. 10—140.
Miner, Howard W., and E. J. Rock, to Fairbanks, Morse & Co. 2,687,966, Cl. 106—38.3.
Miner, John D. 2,683,055, Cl. 294—99.
Miner, Keith H., Caracas, Venezuela, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Method and apparatus for releasing packers. 2,672,934, Mar. 23.
Miner, Robert G.: See—
 Hintz, Otto E., Carlson, and Miner.
 Labus, Otto A., Neubauer, and Miner.
Miner, Samuel S., and E. H. Clark, to United States Rubber Co. 2,698,273, Cl. 154—116.
Miner, W. H., Inc.: See—
 Anderson, Carl A., and Danielson. 2,697,616.
 Danielson, Vernon S. 2,676,046.
 Danielson, Vernon S., and Wallace. 2,687,219.
 Danielson, Vernon S., and Wallace. 2,687,220.
 Dath, George E.
 Dath, George E. 2,687,100.
 Dath, George E. 2,696,176.
 Dentler, Arnold E.
 Dentler, Arnold E. 2,684,160.
 Dentler, Arnold E. 2,692,057.
 Lounsbury, Harvey J. 2,678,137.
 Mulcahy, Harry W.
 Withall, William E. 2,692,768.
Minerals & Chemicals Corp. of America: See—
 Schneider, Charles H. 2,693,319.
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 Fischer, Arthur H. 2,689,043.
 Fischer, Arthur H. 2,689,044.
 Fischer, Arthur H. 2,689,045.
 Fischer, Arthur H. 2,689,046.
Minerley, Frederick K., Lincolnwood, Ill. Vacuum operated Venetian blind brush. 2,671,926, Mar. 16.
Minerley, Frederick K., to Air-Way Electric Appliance Corp. 2,693,000, Cl. 15—320.
Mingione, Carl, Detroit, Mich. Carbon indicator for film projectors. 2,665,494, Jan. 12.
Mingle, George, Columbus, Ohio. Highway warning signal. 2,671,212, Mar. 2.
Mingle, John G., Jr., to California Research Corp. 2,696,806, Cl. 123—1.
Mining Engineering Company Limited, The, assignee: See—
 Duncan, Angus W.
Mining Process and Patent Co.: See—
 Daman, Arthur C. 2,684,154.
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Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, The: *See*—
 Bailey, Arthur E., Girling, and Pletts. 2,686,301.
 Robertson-Shersby-Harvie, Robert B. 2,698,381.
 Mink, Isadore, to Minkplastic Corp. 2,688,750, Cl. 2—49.
 Minkplastic Corp.: *See*—
 Mink, Isadore. 2,688,750.
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 Abdo, Joseph T. 2,683,347.
 Abdo, Joseph T. 2,695,765.
 Alderson, Ross C., and Eckhardt. 2,683,004.
 Arrott, Anthony. 2,698,406.
 Baak, Albert E. Re. 23,913.
 Beaumont, James O. 2,692,945.
 Belcher, Wallace E., Jr. 2,675,510.
 Bishoffberger, Carl J.
 Braun, Walter A.
 Ciscel, Benjamin H. 2,676,290.
 Condon, Raymond J. Re. 23,844.
 Crum, Stephen. 2,698,159.
 Dreyfuss, Henry. 2,689,584.
 Drinker, Pemberton H.
 Eaton, Malcolm W. 2,695,524.
 Ebeltoft, William H.
 Eckman, Donald P.
 Eckman, Donald P. 2,698,023.
 Eckman, Donald P., and Horn. 2,675,819.
 Ehret, Robert J. 2,692,359.
 Ehret, Robert J. 2,694,169.
 Ehret, Robert J., and Wernlund.
 Ehret, Robert J., and Wernlund. 2,685,627.
 Feigal, Richard S. 2,689,479.
 Fisher, George H. 2,682,051.
 Flagg, Raymond P.
 Gess, Louis.
 Gille, Willis H. 2,692,510.
 Gille, Willis H. 2,698,148.
 Glass, John P., and Hayes. 2,681,576.
 Griffin, James J.
 Hagen, Jerry. 2,694,148.
 Hanson, Henry L. 2,678,090.
 Harrison, Thomas R. 2,696,117.
 Hart, John V. 2,676,195.
 Hermanson, Harry M.
 Huntington, William L.
 Huntington, William L. 2,688,336.
 Husted, Hoyt L. 2,674,708.
 Ingersoll, Ward H.
 Ingersoll, Ward H. 2,691,130.
 Irwin, Russel D.
 Jenkins, Wayne E. 2,690,875.
 Jones, Ennis E. 2,696,119.
 Jordan, Arthur H. 2,698,025.
 Kindler, Herbert S. 2,693,917.
 Kliever, Waldo H.
 Kliever, Waldo H. 2,674,883.
 Kliever, Waldo H. 2,677,513.
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 Koch, Alfred R. 2,684,418.
 Koch, Alfred R. 2,686,433.
 Koch, Alfred R. 2,697,364.
 Kutzler, Robert J. 2,675,511.
 Kutzler, Robert J. 2,683,003.
 Kutzler, Robert J., Di Vette, and Crowell. 2,684,074.
 Larsen, Finn J. 2,687,611.
 Lock, James S., and Noggle.
 Martin, Wilbert A. 2,677,741.
 Martin, Wilbert A. 2,697,146.
 Mayer, Robert. 2,697,417.
 McGhee, John D. 2,683,564.
 Mouzon, James C. 2,681,430.
 Newbold, William F.
 Nickells, Stanley W. 2,694,757.
 Pattison, Donald R., and Phillips. 2,694,780.
 Petry, Eduard C. 2,683,348.
 Petry, Eduard C. 2,696,118.
 Porter, Lawrence E. 2,695,661.
 Price, Edward. 2,683,992.
 Riche, Arthur L.
 Ruhland, Roman C. 2,675,512.
 Ruhland, Roman C. 2,675,710.
 Schuck, Oscar H.
 Schuck, Oscar H. 2,676,770.
 Schuck, Oscar H. 2,691,123.
 Sheldon, Donald F. 2,688,103.
 Shivers, Paul F. 2,675,019.
 Shivers, Paul F. 2,688,337.
 Side, Frederick W. 2,675,441.
 Sogge, Melvin G. 2,688,974.
 Sogge, Melvin G. 2,693,823.
 Smith, James W.
 Sparrow, Hubert T. 2,679,365.
 Underwood, Orville J. 2,696,120.
 Wannamaker, William H. 2,681,431.
 Wannamaker, William H., Jr. 2,685,645.
 Wannamaker, William H., Jr. 2,687,504.
 Wannamaker, William H., Jr., and Ehrenberg. 2,694,193.
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 West, Charles E. 2,686,429.
 Wild, Rudolf F. 2,692,358.
 Wilson, Theodore J.

Minneapolis-Moline Co.: *See*—
 Good, Robert J. 2,681,002.
 Minnesota Mining & Mfg. Co.: *See*—
 Agre, Courtland L. 2,682,512.
 Beck, Warren R. 2,687,968.
 Bretson, Waldo G., and Wistrand. 2,693,918.
 Croze, Martin W., and Hedrick. 2,689,805.
 Halls, Lyle J., Reid, and Smith.
 Harrison, George C., and Thompson. 2,682,504.
 Heasley, Charles K.
 Holmen, Reynold E. 2,692,253.
 Husted, Donald R. 2,676,985.
 Husted, Donald R., and Ahlbrecht.
 Husted, Donald R., and Ahlbrecht. 2,681,370.
 Husted, Donald R., and Ahlbrecht. 2,691,043.
 Kuzma, John J., Kurtz, and Baker. 2,685,155.
 Lindsey, Seth B. 2,684,240.
 Lodge, James R. 2,695,851.
 McMahon, Thomas L. Re. 23,835.
 McQuiston, Raymond C., and Davenport.
 Miller, Theodore J. 2,679,128.
 Noponen, George E.
 Oace, Ralph J., Snell, and Le Page. Re. 23,843.
 Olson, Maynard H. 2,693,458.
 Pahl, Walter H., Williams, and Tierney. 2,674,555.
 Pedlow, George W., Jr., and Miner.
 Riedesel, Richard G. 2,694,669.
 Riedesel, Richard G., Miller, and Martin.
 Taylor, Nelson W., and Clark.
 Ulrich, Erwin W.
 Whitson, Lee S., Tometz, and Ferlaak.
 Minnesota and Ontario Paper Co.: *See*—
 Enzmann, Ralph, Lauring, and Kirk. 2,684,093.
 Ledding, Theodore H., and Kautz. 2,675,034.
 Minnesota Scale Mfg. Co., assignee: *See*—
 Nettekoven, William F., Buchan, and McDermid. 2,676,739.
 Minnich, Edward L., to Selectronics, Inc. 2,691,111, Cl. 310—8.9.
 Minnich, Edward L., to Selectronics, Inc. 2,694,779, Cl. 250—36.
 Minnie, Orpha. 2,675,122, Cl. 206—19.5.
 Minnium, Byron B., assignor to Erie Resistor Corporation, Erie, Pa. Condenser. 2,673,972, Mar. 30.
 Minock, Robert M. 2,689,569, Cl. 128—352.
 Minor, Burt S.: *See*—
 Barnes, Byron H., and Minor. 2,697,240.
 Minor, Burt S., Whittier, assignor to Regan Forge & Engineering Co., San Pedro, Calif. Replaceable sheave and bearing construction for sheave blocks. 2,672,320, Mar. 16.
 Minor, Charles G., deceased (H. H. Gmeiner, executor), assignor of $\frac{1}{2}$ to A. G. McCaleb, deceased (R. F. McCaleb, executrix). 2,674,511, Cl. 312—269.
 Minor, Charles G., deceased (by H. H. Gmeiner, executor), $\frac{1}{2}$ to R. F. McCaleb, executrix of A. G. McCaleb, deceased. 2,691,563, Cl. 312—269.
 Minot Builders Supply Co., Inc., assignee: *See*—
 Fredrickson, Wallace F.
 Norman, Harry H.
 Patterson, Roy I.
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 Minshall-Estey Organ, Inc., assignee: *See*—
 Hadden, George H.
 Minsk, Louis M.: *See*—
 Smith, James G., and Minsk. 2,691,584.
 Minsk, Louis M., to Eastman Kodak Co. 2,694,693, Cl. 260—47.
 Minsk, Louis M., W. P. Van Deusen, and E. M. Robertson, assignors to Eastman Kodak Company, Rochester, N. Y. Photosensitization of polymeric cinnamic acid esters. 2,670,285, Feb. 23.
 Minsk, Louis M., W. P. Van Deusen, and E. M. Robertson, assignors to Eastman Kodak Company, Rochester, N. Y. Photosensitization of polymeric cinnamic acid esters. 2,670,286, Feb. 23.
 Minsk, Louis M., W. P. Van Deusen, and E. M. Robertson, assignors to Eastman Kodak Company, Rochester, N. Y. Photosensitization of polymeric cinnamic acid esters. 2,670,287, Feb. 23.
 Minsk, Louis M., and W. P. Van Deusen, to Eastman Kodak Co. 2,690,966, Cl. 95—7.
 Minster Machine Company, The, assignee: *See*—
 Wissman, Reuben E.
 Minter, Clarke C., to Minter Instrument Corp. 2,687,035, Cl. 73—17.
 Minter, Clarke C., to Minter Instrument Corp. 2,687,036, Cl. 73—27.
 Minter Instrument Corp.: *See*—
 Minter, Clarke C. 2,687,035.
 Minter, Clarke C. 2,687,036.
 Minter, Jerry B., 2nd, assignor to Measurements Corporation, Boonton, N. J. Illuminated dial scale. 2,671,163, Mar. 2.
 Minton, Corwin R., to C. R. Pleasants. 2,693,140, Cl. 98—1.
 Minton, Eugene S.: *See*—
 Harper, Wesley A., Minton, and Orelup.
 Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for recording seismic signals. 2,672,944, Mar. 23.
 Minton, Leslie A. 2,695,793, Cl. 285—5.

- Minzenmayer, Charles. 2,677,580, Cl. 304—29.
 Mir, Antonio J. and E. J., and A. F. and G. F. Pastor. 2,687,640, Cl. 70—364.
 Mir, Enrique J.: *See—*
 Mir, Antonio J. and E. J., and A. F. and G. F. Pastor. 2,687,640.
 Miran, Julius. 2,688,304, Cl. 118—51.
 Miranda, Michael A., to Imperial Knife Co., Inc. 2,689,400, Cl. 30—164.
 Mirigian, Ashod K. 2,685,757, Cl. 45—59.
 Mirly, Carl G. 2,693,925, Cl. 248—20.
 Mirus, Ferdinand M.: *See—*
 Zobel, Theodor W., and Mirus. 2,693,065.
 Misch, Charles E., New York, N. Y. Cylindrical container with slideable closure. 2,667,285, Jan. 26.
 Misch, Herbert L., to Packard Motor Car Co. 2,690,132, Cl. 103—115.
 Misch, Herbert L., to Packard Motor Car Co. 2,691,812, Cl. 29—156.8.
 Misch, Herbert L., to Packard Motor Car Co. 2,696,660, Cl. 29—156.8.
 Miscovich, John A., assignor of $\frac{1}{2}$ to G. S. Allin. 2,680,650, Cl. 299—66.
 Mishawaka Rubber and Woolen Manufacturing Company, assignee: *See—*
 Bodle, Virgil H., Blair, and Dosmann. 2,677,626.
 Mischelevich, Benjamin, Pittsburgh, Pa., assignor to Westinghouse Air Brake Company. Supplementary apparatus for railway signaling systems. 2,666,131, Jan. 12.
 Mischelevich, Benjamin, assignor to Westinghouse Air Brake Company. 2,677,047, Cl. 246—130.
 Mishler, Robert F., R. P. Guiley, and L. Roberts, to The General Tire and Rubber Co. 2,696,884, Cl. 164—76.
 Miskel, John J., R. R. Umbdenstock, and W. E. Woodward, to Chas. Pfizer & Co., Inc. 2,688,568, Cl. 117—68.
 Miskella, William J. 2,688,684, Cl. 219—34.
 Miskovsky, Anton: *See—*
 Zimic, Michael, and Miskovsky.
 Mission Mfg. Co.: *See—*
 Garrett, William R., Liljestrand, and Young.
 Jisha, Fred L., Liljestrand, and Young. 2,677,389.
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 Young, Henry B. 2,686,091.
 Mississippi Chemical Corp.: *See—*
 Miller, Roy L., and Parsons. 2,690,267.
 Mississippi Glass Co.: *See—*
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 Missouri Automatic Control Corp.: *See—*
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 Lindberg, Allan W., and Rombach. 2,688,108.
 Mitchell, Ralph H.: *See—*
 Schwyn, Raymond E., and Mitchell.
 Mitchell-Tyler Co., The: *See—*
 Porter, Harold M., and Reardon. 2,686,391.
 Mitchell, Alec B.: *See—*
 Frankel, Adolf, Morris, Wolff, and Mitchell. 2,686,653.
 Mitchell, Alex V., to Tung-Sol Electric Inc. 2,696,559, Cl. 250—36.
 Mitchell, Barry, to North American Rayon Corp. 2,683,571, Cl. 242—118.
 Mitchell, Burritt B., assignor to Chisholm-Ryder Co., Inc., Niagara Falls, N. Y. Preamsembled marker and pre-assembling the same. 2,665,510, Jan. 12.
 Mitchell Camera Corporation, assignee: *See—*
 Parsons, Murray E.
 Mitchell, Carl J. 2,680,874, Cl. 15—255.
 Mitchell, Charles K., to American Cable and Radio Corp. 2,683,190, Cl. 178—92.
 Mitchell, Charles R., Seneca Falls, N. Y., assignor to Sylvania Electric Products Inc. Mount tray. 2,669,774, Feb. 23.
 Mitchell, Colin C., assignor to Brown Brothers & Co., Limited. 2,675,284, Cl. 309—2.
 Mitchell, David C., to The Glacier Metal Co. Ltd. 2,697,645, Cl. 308—241.
 Mitchell, Doren, Martinsville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radiotelephone communication system. 2,670,435, Feb. 23.
 Mitchell, Doren, to Bell Telephone Laboratories, Inc. 2,694,141, Cl. 250—6.
 Mitchell, Edward C., San Diego, Calif. Electro plumb bob. 2,665,498, Jan. 12.
 Mitchell, Frank. 2,678,361, Cl. 200—106.
 Mitchell, Frank L., Tulsa, Okla. Article hanger. 2,672,314, Mar. 16.
 Mitchell, J. C., and A. L. and L. E. Ogg. 2,682,325, Cl. 189—46.
 Mitchell, Jack C.: *See—*
 Collar, Frank R., and Mitchell.
 Mitchell, James A. 2,692,566, Cl. 108—2.
 Mitchell, John E., Co.: *See—*
 Kinne, Tempel L.
 Mitchell, Orville. 2,696,070.
 Sydow, Ernest D.
 Mitchell, John L., assignee: *See—*
 O'Connor, Hazel C.
 Mitchell, John P. 2,695,105, Cl. 211—35.
 Mitchell, John S.: *See—*
 Peabody, George W., and Mitchell. 2,693,637.
 Mitchell, Joseph E., and W. R. Trent, to Colgate-Palmolive Co. 2,694,086, Cl. 260—505.
 Mitchell Mfg. Co.: *See—*
 Blink, Robert O. 2,681,261.
 Mitchell, Orville, to John E. Mitchell Co. 2,696,070, Cl. 56—48.
 Mitchell, Pauline D. 2,680,532, Cl. 220—4.
 Mitchell, R. I., Rubber Co., Inc., assignee: *See—*
 Estlin, Hilma C. 2,680,385.
 Mitchell, Reid L., to Rayonier Inc. 2,682,536, Cl. 260—233.
 Mitchell, Richard S. M. 2,677,196, Cl. 34—99.
 Mitchell, Robert, Detroit, Mich. Screw and washer assembly. 2,672,069, Mar. 16.
 Mitchell, Robert L.: *See—*
 Robertson, Nat C., and Mitchell. 2,689,253.
 Mitchell, Robert L., and J. W. Walker, Corpus Christi, Tex., assignors to Celanese Corporation of America, New York, N. Y. Methyl acetate distillation. 2,671,052, Mar. 2.
 Mitchell, William A.: *See—*
 Finucane, Thomas P., and Mitchell.
 Mitchell, William E., Altoona, Pa. Fanlike collar. 2,671,261, Mar. 9.
 Mitchell, William J.: *See—*
 Smith, George H., Higginbotham, Mitchell, and Calaman. 2,675,994.
 Smith, George H., and Mitchell. 2,675,993.
 Mitman, Harry A., assignee: *See—*
 Gans, Fred W.
 Mitschele, Herman E., assignee: *See—*
 Ellison, Samuel H.
 Mittelmann, Eugene, to Erdco Engineering Corp. 2,696,737, Cl. 73—194.
 Mittelstadt, Clarence F., to Blaw-Knox Co. 2,697,637, Cl. 299—121.
 Mitton, Horal, assignor of $\frac{1}{2}$ to T. M. Hughes. 2,678,817, Cl. 265—63.
 Mittry, Fouad K., Jr. 2,676,052, Cl. 294—88.
 Mitts and Merrill: *See—*
 Krueger, Harold E. 2,696,881.
 Mitzel, Adam. 2,674,360, Cl. 193—38.
 Mix, Edward E., deceased; G. E. Mix, executor. 2,681,708, Cl. 170—173.
 Mix, Gail E.: *See—*
 Mix, Edward E. 2,681,708.
 Mix-A-Trate, Inc.: *See—*
 Stout, James E. 2,687,237.
 Mixon, Lawson W.: *See—*
 Watson, Roger W., and Mixon. 2,686,204.
 Mixon, Lawson W., Hammond, and R. W. Watson, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricants. 2,672,446, Mar. 16.
 Miyashiro, James J.: *See—*
 Seven, Raymond P., and Miyashiro. 2,679,498.
 Mize, Paul D. 2,674,138, Cl. 77—33.5.
 Moat, Arthur B.: *See—*
 Babbitt, John F. 2,681,555.
 Moberg, Sigurd M., to E. J. Brooks Co. 2,686,379, Cl. 40—3.
 Moberly, Charles W., to Phillips Petroleum Co. 2,682,336, Cl. 206—84.
 Möbius, Walter, to Werkzeugmaschinenfabrik Gildemeister & Comp., Akt.-Ges. 2,693,731, Cl. 82—22.
 Möbius, Walter, to Werkzeugmaschinenfabrik Gildemeister & Comp., Akt.-Ges. 2,695,541, Cl. 82—2.
 Mobley, Edward L., and R. P. Molitor, to The Sun Rubber Co. 2,696,024, Cl. 18—58.3.
 Mobley, Edward L., Jr., Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Combined smoke simulating and popgun. 2,665,676, Jan. 12.
 Mobley, Edwin H. F., deceased, by F. M. Mobley, administratrix, to Bloomer Bros. Co. 2,685,768, Cl. 53—44.
 Mobley, Frances M.: *See—*
 Mobley, Edwin H. F. 2,685,768.
 Mock, Frank C.: *See—*
 Eastman, James M., Keller, and Mock. 2,679,297.
 Mock, Frank C., to Bendix Aviation Corp. 2,689,606, Cl. 158—36.4.
 Mock, Stanley G. 2,680,881, Cl. 18—16.
 Mockrin, Isadore, to The Pennsylvania Salt Mfg. Co. 2,687,341, Cl. 23—88.
 Moezik, Ernest, Detroit, Mich. Multiple hole extrusion die. 2,673,645, Mar. 30.
 Modell, Louis B. 2,681,061, Cl. 128—172.1.
 Modern Collet & Machine Co.: *See—*
 Parigian, Albert A. 2,689,740.
 Modern Equipment Co.: *See—*
 Davel, Vernal P. 2,693,887.
 Richardson, John N.
 Modern Granite Company, Inc., assignee: *See—*
 Brusetti, Alfeo.
 Modern Limb Supply Co. Inc., The: *See—*
 Bennington, Charles H., and Tilley. 2,692,392.
 Modern Metal Craftsmen, Inc.: *See—*
 Tyree, Andrew T. 2,697,407.
 Modern Metal Products Company, assignee: *See—*
 Smith, Harvey J. 2,676,081.
 Modersohn, Charles W.: *See—*
 Decker, Andrew H., Modersohn, and Palmer. 2,697,802.
 Modin, John, Vancouver, British Columbia, Canada. Angularly adjustable handle for socket wrenches. 2,671,367, Mar. 9.
 Modine Mfg. Co.: *See—*
 Simpelaar, Clyde S. 2,693,026.
 Simpelaar, Clyde S. 2,693,636.
 Spieth, Benjamin.
 Spieth, Benjamin. 2,680,632.

- Modny, Michael T.: *See*—
Bambara, John, and Modny. 2,675,801.
- Modrey, Henry J.: *See*—
Hubbell, Harvey, and Modrey.
- Modrey, Henry J., assignor, by mesne assignments, to Interlock Corporation. 2,674,774, Cl. 24—211.
- Modrey, Henry J., assignor, by mesne assignments, to Interlock Corporation. 2,676,822, Cl. 287—20.5.
- Modrey, Henry J. 2,688,894, Cl. 85—2.4.
- Modrey, Henry J., and J. F. Healy, to Interlock Corp. 2,698,423, Cl. 339—214.
- Moe, Earl A., La Crosse, Wis. Rail re-layer. 2,671,414, Mar. 9.
- Moe, William W., assignor to Time, Incorporated. 2,680,378, Cl. 74—84.
- Moe, William W., to Time, Inc. 2,686,870, Cl. 250—21.
- Moed, Hendrik D., and M. Asscher, to Hartford National Bank and Trust Co. 2,683,743, Cl. 260—570.5.
- Moehring, William D., assignor to Wilcox-Gay Corporation. 2,674,459, Cl. 274—42.
- Moeller, Axel, to Moeller Mfg. Co. 2,685,379, Cl. 215—53.
- Moeller, Axel, to Moeller Mfg. Co. 2,685,380, Cl. 215—53.
- Moeller, Carl A.: *See*—
Claff, Chester E., and Moeller. 2,682,909.
- Moeller Mfg. Co.: *See*—
Moeller, Axel. 2,685,379-80.
- Moeller, William A. 2,677,865, Cl. 24—248.
- Moeller, William C., to Parmelee Plastics Co. 2,691,799, Cl. 18—30.
- Moelter, Gregory M.: *See*—
Horback, William B., and Moelter. 2,689,800.
- Moenke, Alfred R., to Bendix Aviation Corp. 2,683,248, Cl. 322—24.
- Moergeli, Eduard, P. Sutter, and W. Kern, to Ciba Ltd. 2,693,473, Cl. 260—327.
- Moersch, George W.: *See*—
Long, Loren M., and Moersch. 2,681,364.
- Moore, Allen C., and Moersch. 2,686,788.
- Moersch, George W., to Parke, Davis & Co. 2,692,897, Cl. 260—562.
- Moffat, Francis G.: *See*—
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- Moffett, Frank W., Jr., Chili, N. Y. Apparatus for converting a hard frozen confection into a plastic state. 2,668,506, Feb. 9.
- Moffett, Frank W., Jr. 2,694,988, Cl. 107—54.
- Moffett, Robert B.: *See*—
Goodson, Louis H., and Moffett. 2,691,680.
- Moffett, Robert B., to The Upjohn Co. 2,688,624, Cl. 260—397.47.
- Moffett, Robert B., to The Upjohn Co. 2,691,013, Cl. 260—239.55.
- Moffett, Robert B., to The Upjohn Co. 2,691,014, Cl. 260—239.55.
- Mogk, Karl J.: *See*—
Williams, Russell C., Mogk, Cambron, and Lampert. 2,678,703.
- Mohawk Carpet Mills, Inc., assignee: *See*—
Rice, Walter A. 2,674,271.
- Stanley, John P.
- Mohier, Lucien, to Societe Preparation Industrielle des Combustibles. 2,692,368, Cl. 324—65.
- Mohnkern, Gerald E., assignor to United States Steel Corporation. 2,679,755, Cl. 73—136.
- Mohr, Milton E., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system employing electron beams. 2,670,405, Feb. 23.
- Mohr, Milton E., to Bell Telephone Laboratories, Inc. 2,683,219, Cl. 250—36.
- Mohr, Milton E., to Bell Telephone Laboratories, Inc. 2,695,959, Cl. 250—36.
- Mohr, Rudolf: *See*—
Quandt, Hans H. 2,697,162.
- Mohr, Vernon P. 2,678,086, Cl. 155—81.
- Mohrlang, Harry, and J. Mohrlang, Jr. 2,694,499, Cl. 214—518.
- Mohrlang, Jacob, Jr.: *See*—
Mohrlang, Harry, and J. Mohrlang, Jr. 2,694,499.
- Moir, Edward M. 2,687,751, Cl. 139—77.
- Mojden, Wallace W., and E. J. Tenpas, to Eriez Mfg. Co. 2,696,301, Cl. 209—219.
- Mojonnier, Albert B., assignor to The Mojonnier-Dawson Co. Re. 23,830, Cl. 222—67.
- Mojonnier, Albert B., Leyden Township, Cook County, Ill., assignor to The Mojonnier-Dawson Co. Dispensing mechanism with time controlled flow. 2,667,990, Feb. 2.
- Mojonnier Bros. Co.: *See*—
Mojonnier, Julius J. 2,689,638.
- Mojonnier Bros., Inc., assignee: *See*—
Cross, Joseph A.
- Skoli, Sigmund P., Moon, and Witt. 2,691,873.
- Mojonnier-Dawson Co., The, assignee: *See*—
Mojonnier, Albert B.
- Mojonnier, Albert B. Re. 23,830.
- Mojonnier, Julius J., to Mojonnier Bros. Co. 2,689,638, Cl. 198—189.
- Mokhiber, Annis. 2,690,893, Cl. 248—147.
- Möklebust, Olav, to National Lead Co. 2,684,296, Cl. 75—33.
- Mol, Gerardus C. J., to Hartford National Bank and Trust Co., as trustee. 2,685,075, Cl. 339—251.
- Molaison, Laurie J.: *See*—
D'Aquin, Esler L., Pominski, Molaison, and Vix. 2,687,155.
- Mole, Robert F. 2,693,134, Cl. 90—12.
- Molenaar, Lester V. 2,696,677, Cl. 34—57.
- Molenda, Bernard F. 2,683,211, Cl. 240—123.
- Moler, Charles C., assignor to Overhead Door Corporation, Hartford City, Ind. Lockable latch structure for vertically slidable doors. 2,665,932, Jan. 12.
- Moler, Charles C., to Overhead Door Corp. 2,687,320, Cl. 292—171.
- Moles, Oliver: *See*—
Melgren, Svante, and Moles. 2,697,051.
- Molina, Gilberto, Tucson, Ariz. Mold for frying tacos wrappers. 2,664,812, Jan. 5.
- Molinari, Henry G., to Becton, Dickinson and Co. 2,684,556, Cl. 49—7.
- Molinari, Vittorio, and H. G. Affholter, to Union Carbide and Carbon Corp. 2,692,279, Cl. 260—505.
- Moline Machine Co. Ltd.: *See*—
Jackson, Donald R. P. 2,682,989.
- Molins, Desmond W., F. F. Ruau, and N. W. Jackson, Deptford, London, assignors to Molins Machine Company Limited, London, England. Apparatus for making mouthpiece cigarettes. 2,667,877, Feb. 2.
- Molins, Desmond W., and F. F. Ruau, Deptford, London, assignors to Molins Machine Company Limited, London, England. Apparatus for making continuous fillers on cigarette making machines of the continuous rod type. 2,671,452, Mar. 9.
- Molins, Desmond W., and F. F. Ruau, to Molins Machine Co. Ltd. 2,681,160, Cl. 214—302.
- Molins, Desmond W., and N. W. Jackson, to Molins Machine Co. Ltd. 2,689,574, Cl. 131—61.
- Molins Machine Co. Ltd.: *See*—
Jackson, Donald R. P.
- Molins, Desmond W., and Jackson. 2,689,574.
- Molins, Desmond W., and Ruau.
- Molins, Desmond W., and Ruau. 2,681,160.
- Molins, Desmond W., Ruau, and Jackson.
- Ruau, Felix F. 2,684,614.
- Molitor, Robert P.: *See*—
Mobley, Edward L., and Molitor. 2,696,024.
- Molla, Charles P., assignee: *See*—
Applegate, Raymond P.
- Mollenhauer, Forrest C., Center Point, Iowa. Device for rowing a boat with one hand. 2,668,965, Feb. 16.
- Mollenhour, Delbert C., assignor to Frank Manufacturing Company, Inc., Mentone, Ind. Gearless drive for speed and distance recording instruments. 2,665,897, Jan. 12.
- Möllers, Josef, to Hartford National Bank and Trust Co., as trustee. 2,691,597, Cl. 106—39.
- Mollica, Russell R., and H. T. Sweet, to United States Rubber Co. 2,689,812, Cl. 154—85.
- Mollis, Charles L. 2,690,150, Cl. 112—261.
- Mollison, Richard: *See*—
Swearingen, Judson S., and Barton. 2,690,196.
- Mollo, Eugene, to Aerocem Ltd. Re. 23,908 Cl. 117—104.
- Molnar, Imre, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Testing apparatus for carrier systems. 2,673,256, Mar. 23.
- Molnar, Imre, assignor to Automatic Electric Laboratories, Inc. 2,680,155, Cl. 179—18.
- Molnar, Imre, to Automatic Electric Laboratories, Inc. 2,682,019, Cl. 317—149.
- Molnar, Imre, to Automatic Electric Laboratories, Inc. 2,682,044, Cl. 340—154.
- Molnar, Imre, to Automatic Electric Laboratories, Inc. 2,692,378, Cl. 340—153.
- Moloney Electric Co.: *See*—
Perkins, Chester W. 2,693,573.
- Moloney, Raymond T.: *See*—
Henry, Earle G. 2,689,130.
- Hooker, Donald E., and Nicolaus.
- Hooker, Donald E. 2,689,129.
- Hooker, Donald E. 2,689,281.
- May, Sam.
- Nicolaus, Frank G.
- Molow, Henry, $\frac{1}{2}$ to R. Spillman. 2,683,022, Cl. 256—19.
- Molsred, Byron V., Baton Rouge, La., assignor to Standard Oil Development Company. Contacting gaseous material with finely divided solids. 2,664,967, Jan. 5.
- Molteni, Henry A., N. H. Masarky, and G. Barsky, assignors to E. F. Drew & Co., Inc. Re. 23,823, Cl. 260—400.
- Moludy, Rudolph J. 2,684,858, Cl. 280—47.11.
- Molybdenum Corp. of America: *See*—
Tisdale, Norman F. and N. F., Jr. 2,683,661.
- Tisdale, Norman F. and N. F., Jr. 2,683,662.
- Tisdale, Norman F. and N. F., Jr. 2,683,663.
- Molyneux, Gladys: *See*—
La Lande, William A., Jr., Molyneux, and Aeugle. 2,696,509.
- Monaco, Foster. 2,688,156, Cl. 18—19.
- Monaco, Gabriel R.: *See*—
Smith, William R., and Monaco. 2,686,385.
- Smith, William R., and Monaco. 2,694,271.
- Monaghan, Edward S., and F. J. Fritsch, said Fritsch assignor to said Monaghan. 2,679,290, Cl. 160—40.
- Monahan, James. 2,684,091, Cl. 144—32.
- Monahan, William C., to Monoplastics, Inc. 2,693,014, Cl. 24—221.

- Mona Lisa Foundations, Inc., assignee: *See*—
Leonard, Joseph. 2,675,548.
- Monarch Marking System Co., The: *See*—
Geiler, Frederick C. 2,696,784.
Rieger, Frederic L.
Rieger, Frederic L. 2,696,991.
- Monoplastics, Inc.: *See*—
Monahan, William C. 2,693,014.
- Monasterio, Augusto A. 2,688,098, Cl. 250—106.
- Moncrieff, Alexander D. F., to Michigan Tool Co. 2,693,133, Cl. 90—1.
- Moncrieff, Veon L., assignor to United Aircraft Corporation. 2,679,726, Cl. 60—35.6.
- Mondria, Hendrik, to Shell Development Co. 2,698,279, Cl. 196—18.
- Moneagle, Otto F.: *See*—
Johnson, Reynold B., Jurgens, and Moneagle. 2,684,719.
- Money, Fred B.: *See*—
Linnenbank, Donald, Money, and Noel. 2,687,106.
- Mongelli, Charles. 2,677,292, Cl. 81—6.
- Monick, John A.: *See*—
Kline, William A., Monick, and Tarika.
- Monihan, John D., assignor to Westinghouse Electric Corporation. 2,677,014, Cl. 178—51.
- Monitor Process Corp.: *See*—
Tamminga, William. 2,686,613.
- Monkley, Edward H. 2,680,573, Cl. 242—55.
- Monks, Frank E., assignor to Fuller Label & Box Company, Pittsburgh, Pa. Band forming machine and process. 2,667,108, Jan. 26.
- Monks, Frank E., assignor to Fuller Label & Box Company, Pittsburgh, Pa. Stacked neckbands. 2,670,076, Feb. 23.
- Monnet, Georges H. J., to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. 2,688,437, Cl. 233—20.
- Monnier, Robert P., assignor to Cincinnati Chemical Works Incorporated, Cincinnati, Ohio. Preparation of complex chromium azo compounds. 2,668,167, Feb. 2.
- Mono-Cam Ltd.: *See*—
Friedlander, William.
Friedlander, William. 2,688,286.
- Monod, Jacques, to "Le Bactogene," S. A. R. L. 2,686,754, Cl. 195—143.
- Monolith Portland Cement Company, assignee: *See*—
Treshow, Michael.
- Monotype Corp. Ltd., The: *See*—
McManus, Patrick J., and Jupp. 2,693,874.
- Monroe Auto Equipment Co.: *See*—
Green, Robert H., and Brackett.
Meyer, Robert R., and Lietart.
Smith, Charles J., and Esdale.
Stoner, Frank H. 2,682,975.
Thompson, Keith R.
Thompson, Keith R. 2,678,576.
Thompson, Keith R. 2,686,423.
- Monroe Calculating Machine Co.: *See*—
Fleming, Howard M. 2,678,161.
Gang, Herman. 2,684,809.
Oliwa, Walter S.
Oliwa, Walter S. 2,691,127.
Sepahban, Amir H. 2,685,682.
- Monroe, Charles Z., and D. German, assignors to Ex-Cell-O Corporation, Detroit, Mich. Machine for packaging fluent material. 2,665,044, Jan. 5.
- Monroe, Charles Z., and N. G. Raymond, to Ex-Cell-O Corp. 2,682,208, Cl. 93—36.
- Monroe, Donald G.: *See*—
Schoene, Waldemar, and Monroe.
- Monroe, Ezra, Midland, and C. Hand, Sanford, assignors to The Dow Chemical Company, Midland, Mich. Aryl esters of chlorobenzoic acid. 2,665,301, Jan. 5.
- Monsanto Chemical Co.: *See*—
Adams, James F., and Zienty. 2,696,489.
Alt, Arthur, and Howard. 2,674,628.
Bainbridge, John P., Jr.
Barrett, Gerald R. 2,675,370.
Beaver, David J.
Beaver, David J., and Magoun.
Beaver, David J., Stoffel, and Shumard. 2,678,302.
Bennett, George E. 2,676,881.
Black, Donald M. 2,694,051.
Blake, Edward S. 2,692,207.
Blake, Edward S., and Loutrel. 2,676,104.
Boyd, Thomas.
Boyd, Thomas. 2,689,858.
Boyd, Thomas, Cairns, and Bump. 2,676,102.
Boyd, Thomas, and Dickey.
Brown, Earl L.
Bryan, Collis C. 2,692,291.
Bump, Albert H., Marotta, and Swisher.
Bump, Charles K., and Quinn. 2,682,520.
Burland, Peter D. 2,678,944.
Butler, John M. 2,676,934.
Butler, John M. 2,687,421.
Butler, John M. 2,696,472.
Butler, John M. 2,696,492.
Christensen, Chester W. 2,691,016.
Claver, George C., Jr. 2,687,442.
Cohen, Oscar P., and Scott. 2,676,896.
Cooper, Robert H., and Greene. 2,695,904.
Cowell, Elmer E.
- Monsanto Chemical Co.: *See*—Continued.
Cowell, Elmer E., and Darby.
D'Amico, John J. 2,693,408.
D'Amico, John J. 2,695,901.
Darby, Joseph R. 2,674,582.
Darby, Joseph R., and Cowell. 2,689,837.
Darby, Joseph R., and Cowell. 2,689,838.
Darby, Joseph R., and Frederickson.
Dazzi, Joachim.
Dazzi, Joachim. 2,687,389.
Dazzi, Joachim. 2,687,390.
Dazzi, Joachim. 2,687,428.
Dazzi, Joachim. 2,687,429.
Dazzi, Joachim. 2,689,865.
Dazzi, Joachim. 2,695,280.
Dazzi, Joachim. 2,695,299.
Dazzi, Joachim, and Darby. 2,683,701.
Downey, Paul M., and Zerbe.
Drumm, Manuel F., and Cook. 2,683,296.
Dvornikoff, Michael N., and Young. 2,678,322.
Dye, William T., Jr.
Eisen, John B. 2,680,080.
Elliott, Eugene W., and Shumard. 2,695,881.
Emerson, William S.
Emerson, William S., and Heimsch.
Emerson, William S., and Heimsch. 2,683,745.
Emerson, William S., and Heimsch. 2,687,391.
Emerson, William S., and Heimsch. 2,687,392.
Emerson, William S., and Heimsch. 2,689,864.
Emerson, William S., and Heimsch. 2,695,311.
Emerson, William S., and Patrick.
Emerson, William S., Longley, and Shafer. 2,680,118.
Erickson, Floyd B., and Schlesinger.
Fields, Joseph E. 2,687,427.
Fincke, John K.
Flores, Hector. 2,680,129.
Flores, Hector. 2,680,130.
Gamrath, Harry R.
Gamrath, Harry R., and Hatton. 2,678,329.
Gamrath, Harry R., and Hatton. 2,694,689.
Gann, Paul W., and Heider. 2,692,890.
Gluesenkamp, Earl W. 2,689,869.
Godfrey, Kenneth L. 2,682,508.
Ham, George E. 2,683,703.
Harman, Marion W.
Harris, Jay C. 2,683,692.
Hedrick, Ross M. 2,695,320.
Heider, Rudolph L.
Heider, Rudolph L. 2,698,338.
Heider, Rudolph L., and Walker. 2,698,337.
Holmes, Roland A., Murphy, and Werkheiser. 2,681,900.
Jarvi, Reino A. 2,680,078.
Johns, Iral B., Jr.
Johns, Iral B., Jr. 2,680,098.
Johnson, Robert J. 2,686,573.
Jones, Otha C.
Keeney, Rollin D.
Kenyon, Allen S. 2,676,940.
Kingsford, Carleton L. 2,693,427.
Klugh, Bethune G., and Weston. 2,675,307.
Klugh, Bethune G., and Weston. 2,695,221.
Knowles, William S.
Knowles, William S. 2,689,862.
Knowles, William S., and Dazzi. 2,683,161.
Knowles, William S., and Dazzi. 2,684,955.
Kosmin, Milton. 2,676,979.
Kosmin, Milton. 2,683,736.
Kosmin, Milton. 2,687,348.
Kosmin, Milton. 2,695,243.
Kosmin, Milton. 2,695,314.
Kosolapoff, Gennady M.
Kyrides, Lucas P., and Zienty. 2,674,598.
Lee, Colin K. 2,697,216.
Longley, Raymond I., Jr.
Lucht, Fred J. 2,689,242.
MacFarlane, Alistair C.
Malinowski, Theodore P., and Trudeau. 2,688,774.
Marotta, Ralph. 2,676,162.
McFee, Earl P.
Meyer, Ferdinand C. 2,692,266.
Morner, Richard R.
Morner, Richard R., and Longley. 2,676,949.
Moss, Henry V., and Morse.
Moss, Henry V., and Schilb. 2,697,024.
Mowry, David T., and Hedrick. 2,687,374.
Mowry, David T., Ringwald and Wesp.
Mowry, David T., and Schlesinger.
Mowry, David T., and Schlesinger. 2,689,789.
Mowry, David T., and Schlesinger. 2,689,790.
Nelson, Joseph S. 2,690,410.
Nichols, William T. 2,683,163.
Nickerson, Ralph F. 2,684,346.
Nickerson, Ralph F. 2,684,347.
Nielsen, Morris L., and Arnold. 2,680,077.
Niles, George E. 2,698,264.
Patrick, Tracy M., Jr. 2,676,981.
Patrick, Tracy M., Jr. 2,683,749.
Patrick, Tracy M., Jr. 2,684,373.
Patrick, Tracy M., Jr., and Emerson. 2,692,883.
Roos, Elizabeth S., and Hamm.
Rossin, Elmer H., and Scott. 2,686,137.
Rossin, Elmer H. 2,696,444.
Rossin, Elmer H. 2,697,672.

Monsanto Chemical Co.: *See* Continued.

- Schlesinger, Arthur H. 2,676,879.
 Schlesinger, Arthur H., and Mowry. 2,683,659.
 Schlesinger, Arthur H. 2,683,660.
 Schlesinger, Arthur H. 2,692,884.
 Schlesinger, Arthur H. 2,695,224.
 Shoptaw, Glen H.
 Shumard, Roland S. 2,698,301.
 Shusman, Tevis. 2,675,362.
 Slacombe, Robert J., Flores, and Cleveland. 2,680,127.
 Slacombe, Robert J., and Saunders. 2,680,128.
 Speziale, Angelo J., and Guthrie. 2,694,089.
 Speziale, Angelo J., and Meyer. 2,689,256.
 Stehman, Carlyle J. 2,684,978.
 Stehman, Carlyle J. 2,688,034.
 Stephan, John T. 2,675,336.
 Stoffel, Paul J.
 Swisher, Robert D. 2,693,487.
 Taylor, George E. 2,678,314.
 Taylor, Keith M. 2,678,943.
 Taylor, Keith M. 2,678,945.
 Thompson, Quentin E.
 Thompson, Quentin E. 2,689,257.
 Thompson, Quentin E. 2,689,264.
 Trementozzi, Quirino A., and Ham. 2,687,393.
 Walker, Harry M.
 Wenner, Ralph R., and Lovett. 2,684,979.
 Wesp, George L., and Morner. 2,687,402.
 Wildish, Myron F., Heffnerline, and Rippey.
 Wilson, William S., and Bump. 2,684,300.
 Worrall, Winfield S. 2,683,740.
 Monson Equipment Co., Inc.: *See*—
 Monson, Oscar P. 2,696,363.
 Monson, Louis T., assignor to Petrolite Corporation. 2,679,462, Cl. 106—123.
 Monson, Oscar P., to Monson Equipment Co., Inc. 2,696,363, Cl. 251—316.
 Montague, Harley H. 2,694,845, Cl. 25—26.
 Montague, Hubert H. 2,680,342, Cl. 56—255.
 Montanus, Richard C., to The Springfield Machine Tool Co. 2,688,825, Cl. 51—50.
 Montchaussé, André J., to International Standard Electric Corp. 2,686,226, Cl. 179—18.
 Montchaussé, André J., and D. Dautry, to International Electric Standard Corp. 2,691,700, Cl. 179—27.54.
 Montclair Research Corp.: *See*—
 Hammer, Irving P., and Rust. 2,696,448.
 Hessel, Frederick A., and Canfield. 2,681,893.
 Rust, John B.
 Rust, John B. 2,689,860.
 Rust, John B. 2,698,314.
 Rust, John B., and Canfield.
 Rust, John B., and MacKenzie. 2,698,334.
 Rust, John B., and Spialter. 2,689,166.
 Montecatini Società Generale per l'Industria Mineraria e Chimica Anonima: *See*—
 Greco, Guido. 2,682,505.
 Marullo, Gerlande, and Maragliano. 2,689,783.
 Montefalco, Jack M., to The Sponge Rubber Products Co. 2,685,855, Cl. 112—262.
 Monteiro, Zenon F., Sao Paulo, Brazil. Liquid dispenser. 2,667,646, Feb. 2.
 Montelione, Joseph M., Brooklyn, N. Y. Machine for forming closure caps. 2,672,913, Mar. 23.
 Montelius, Carl O. J. 2,686,534, Cl. 137—514.
 Montnier, Jules B. 2,676,060, Cl. 299—89.
 Montez, Loretta. 2,681,449, Cl. 2—74.
 Montgomery, Alonzo B. 2,687,878, Cl. 263—3.
 Montgomery, Donald H., assignor to The New Britain Machine Company. 2,679,165, Cl. 74—57.
 Montgomery, Donald H., deceased; Connecticut Bank and Trust Co., administrator. 2,697,257, Cl. 20—40.
 Montgomery, Donald H., C. A. Pethybridge, and G. H. Lange, assignors to The New Britain Machine Company. 2,680,281, Cl. 29—39.
 Montgomery, Eddie T. 2,681,546, Cl. 59—7.
 Montgomery, Everette L., South Gate, Calif. Shoe drier. 2,671,277, Mar. 9.
 Montgomery, H. A., Co.: *See*—
 Montgomery, Harley A., Sulikowski, and Wojtowicz. 2,686,732.
 Montgomery, Harley A. 2,686,488, Cl. 113—51.
 Montgomery, Harley A., E. J. Sulikowski, and W. J. Wojtowicz, to H. A. Montgomery Co. 2,686,732, Cl. 117—4.
 Montgomery, Harold R., Niagara Falls, Ontario, Canada, assignor to Norton Company, Worcester, Mass. Mixed borides. Re. 23,789, Feb. 23.
 Montgomery, Harold R., and J. W. Szymaszek, assignors to Norton Company. 2,677,627, Cl. 117—106.
 Montgomery, Horace M., Mansfield, assignor to Gorman-Rupp Industries, Inc., Bellville, Ohio. Centrifugal pump. 2,672,821, Mar. 23.
 Montgomery, Horace M., and E. M. Smith, to Barnes Mfg. Co. 2,684,033, Cl. 103—103.
 Montgomery, Irving W.: *See*—
 Bailey, Waldo S. 2,683,541.
 Montgomery, James L.: *See*—
 Bushong, Robert J., and Montgomery. 2,688,411.
 Montgomery, James P., Kent, Pa. Smoke filtering apparatus. 2,673,620, Mar. 30.
 Montgomery, James P., Jr., assignor to Westinghouse Electric Corporation. 2,677,081, Cl. 318—45.
 Montgomery, Morris, executor: *See*—
 Gaskin, Alvin.
 Montgomery, Orin C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Transmitter for radio seismic systems. 2,668,282, Feb. 2.
 Montgomery, Orin C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Automatic volume control system. 2,673,899, Mar. 30.
 Montgomery, Orin C., to Phillips Petroleum Co. 2,695,395, Cl. 340—15.
 Montgomery Ward & Co., Inc.: *See*—
 Whitehurst, George A., and Bond. 2,686,645.
 Montgomery, William J., and W. P. Taylor, assignors to The Champion Paper and Fibre Company. 2,676,563, Cl. 118—227.
 Montgomery, William J., and W. P. Taylor, to The Champion Paper and Fibre Co. 2,695,004, Cl. 118—262.
 Montooth, George A., to The Brunswick-Balke-Collender Co. 2,682,406, Cl. 273—49.
 Montooth, George A., to The Brunswick-Balke-Collender Co. 2,688,485, Cl. 273—42.
 Montooth, George A., to The Brunswick-Balke-Collender Co. 2,688,487, Cl. 273—42.
 Montooth, George A., and A. M. Bowen, to The Brunswick-Balke-Collender Co. 2,697,605, Cl. 273—43.
 Montres Rolex S. A., assignee: *See*—
 Huguenin, Marc.
 Montrose-Oster, Louis E. W., to Pollopas Patents Ltd. 2,695,585, Cl. 114—122.
 Montrose-Oster, Louis E. W., to Pollopas Patents Ltd. 2,695,586, Cl. 114—124.
 Monument Engineering Co., Inc.: *See*—
 Happel, Hermann E. 2,691,332.
 Mood, Paul, assignee: *See*—
 Pfeffer, William E.
 Moody, Charles C. B., Jr.: *See*—
 Box, William T., and Moody. 2,695,665.
 Moody, Clark J., to California Research Corp. 2,681,053, Cl. 123—187.5.
 Moody, Frank B., assignor to E. I. du Pont de Nemours and Company. 2,677,591, Cl. 8—130.1.
 Moody, John L., and M. P. Matthew, to Friden Calculating Machine Co., Inc. 2,692,363, Cl. 318—252.
 Moody, Keith H., to United States Steel Corp. 2,682,301, Cl. 158—75.
 Moody, Norman F.: *See*—
 Battell, William J., and Moody.
 Moody, Norman F., to National Research Council. 2,683,806, Cl. 250—27.
 Moody, Norman F., to National Research Council. 2,698,383, Cl. 250—27.
 Moody, Norman F., and W. D. Howell, to National Research Council. 2,691,100, Cl. 250—27.
 Moody, Walter F.: *See*—
 Reinhardt, Henry A., and Moody. 2,676,384.
 Mooers, Calvin N. and C. D., assignors, by mesne assignments, to C. N. Mooers, Cambridge, Mass. Card selecting device. 2,665,694, Jan. 12.
 Mooers, Charlotte D.: *See*—
 Mooers, Calvin N. and C. D.
 Moog, Arthur E., to Bendix Aviation Corp. 2,691,122, Cl. 318—18.
 Moog, Arthur E., Caldwell, and C. M. Perkins, Rutherford, assignors to Bendix Aviation Corporation, Teterboro, N. J. Aircraft control system monitor. 2,665,086, Jan. 5.
 Moon, Amos F. W., St. Albans, assignor to Matthew Hall & Company Limited, London, England. Device for detecting and preventing excessive entrainment in gases of other matter. 2,671,527, Mar. 9.
 Moon, Charles R., Muncie, Ind. Hydraulic transmission. 2,665,595, Jan. 12.
 Moon, Dick A.: *See*—
 Tull, Merle E., and Moon. 2,686,332.
 Moon, Francis T., Ottawa, Ontario, Canada. Guard for beds. 2,669,732, Feb. 23.
 Moon, James, Altadena, assignor to Western Oil Tool & Engineering Co. Inc., Hollywood, Calif. Derrick mounting for portable drilling and servicing rigs. 2,671,537, Mar. 9.
 Moon, James, to Signal Oil and Gas Co. 2,688,848, Cl. 61—46.
 Moon, Paul T.: *See*—
 Skoli, Sigmund P., Moon, and Witt. 2,691,873.
 Moon, Robert J., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,677,772, Cl. 250—83.
 Mooney, Edward L.: *See*—
 Rogers, Edwin J., and Mooney. 2,694,245.
 Mooney, Fred E.: *See*—
 Dietz, Albert G. H., and Mooney. 2,697,054.
 Mooney, John D., St. Paul, Minn. Hydraulic reversing transmission. 2,669,971, Feb. 23.
 Mooney, Melvin, Mountain Lakes, N. J., assignor to United States Rubber Company, New York, N. Y. Preloaded rubber mounting. 2,665,864, Jan. 12.
 Moor, Dudley W., Jr., assignor to American Mat Corporation, Toledo, Ohio. Floor mat. 2,673,365, Mar. 30.
 Moore, Allen C., and G. W. Moersch, to Parke, Davis & Co. 2,686,788, Cl. 260—327.
 Moore, Arnold R., and F. Herman, to Radio Corp. of America. 2,691,076, Cl. 179—171.
 Moore, Arthur J., M. D. Hopkins, and A. B. Johnson, to Houdaille-Hershey Corp. 2,693,842, Cl. 153—34.
 Moore, Ballard, trustee: *See*—
 Trexler, Richard R. Re. 23,864.

- Moore, Billie B. 2,676,581, Cl. 124—49.
 Moore, Charles W. 2,684,832, Cl. 254—86.
 Moore, Chester C., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Live shaft idler pulley. 2,671,348, Mar. 9.
 Moore, Clark M., to Cowles Chemical Co. 2,687,136, Cl. 134—49.
 Moore, Clyde M., assignor to Moorex Industries, Inc., Richmond, Va. Demountable structure. 2,673,659, Mar. 30.
 Moore, Cornelius. 2,697,128, Cl. 136—173.
 Moore, Dallas H., assignor to McFarland Manufacturing Corporation. 2,674,750, Cl. 5—319.
 Moore, David L.: See—
 Spase, Charles B., and Moore. 2,678,031.
 Moore, David P. 2,694,907, Cl. 66—9.
 Moore, David W., Jr., to Servomechanisms, Inc. 2,686,698, Cl. 308—189.
 Moore, David W., Jr., to Fairchild Camera and Instrument Corp. 2,691,890, Cl. 73—357.
 Moore, Dewey K., assignor to United States Steel Corporation. 2,679,910, Cl. 189—11.
 Moore, Donald G.: See—
 Bond, Donald S., and Moore. 2,676,260.
 Moore, Donald G., to Radio Corp. of America. 2,685,047, Cl. 315—12.
 Moore, Donald W., Lancaster, and A. H. Searl, Lancaster Township, Lancaster County, assignors to Armstrong Cork Company, Lancaster, Pa. Resilient floor and wall tile and preventing objectionable curling thereof. 2,670,307, Feb. 23.
 Moore Drop Forging Company, assignee: See—
 Landers, Thomas R.
 Moore, Edgar D.: See—
 McIntosh, Thomas J. 2,689,155.
 Moore, Eleanor T., Concord, Mass. Multipurpose combination table. 2,672,391, Mar. 16.
 Moore Electronic Laboratories, Inc.: See—
 Bordewieck, Robert W., and Roebuck. 2,686,277.
 Moore, Everett L. 2,675,757, Cl. 103—25.
 Moore, Frank C., and W. E. Mattox, to Mattox and Moore, Inc. 2,681,297, Cl. 167—53.1.
 Moore, Fred W.: See—
 Kluge, Herman D., and Moore.
 Moore, Fred W., assignor to General Electric Company. 2,677,755, Cl. 240—102.
 Moore, Fred W., to Millers Falls Co. 2,686,392, Cl. 51—170.
 Moore, George C., Company, assignee: See—
 Siciliano, Samuel F. 2,674,277.
 Moore, George W., to The National Supply Co. Re. 23,842, Cl. 255—23.
 Moore, George W., 10% to S. B. Moore, and 10% to H. N. Moore. 2,685,418, Cl. 242—78.
 Moore, Harold A., to Radio Corp. of America. 2,692,338, Cl. 250—36.
 Moore, Harold W. 2,685,519, Cl. 99—126.
 Moore, Harry W., assignee: See—
 Biddison, John M.
 Moore, Henry T., 1/2 to G. A. Merriam. 2,687,153, Cl. 144—246.
 Moore, Howard E.: See—
 McAlister, George A., Jr. 2,676,528.
 McAlister, George A., Jr. 2,697,976.
 Moore, Howard H., Jr.: See—
 Howard, Kenneth C., McGowen, and Moore. 2,679,904.
 McGowen, Harold E., Jr., and Moore. 2,679,903.
 Moore, Howard N.: See—
 Moore, George W. 2,685,418.
 Moore, Jack K., Tucson, Ariz. Machine tool construction. 2,669,135, Feb. 16.
 Moore, James A.: See—
 Snell, Esmond E., Wittle, and Moore. 2,680,767.
 Snell, Esmond E., Wittle, and Moore. 2,680,768.
 Moore, James B. 2,674,361, Cl. 194—13.
 Moore, James B., and C. F. Prangle. 2,679,308, Cl. 194—13.
 Moore, James D.: See—
 Haney, Stanley C., and Moore. 2,697,063.
 Moore, James R., Dutch Neck, N. J. Range measuring system. 2,669,711, Feb. 16.
 Moore, John A., Denver, Colo. Earth boring bit. 2,668,691, Feb. 9.
 Moore, John F., to Dunlop Rubber Co., Ltd. 2,697,347, Cl. 73—94.
 Moore, Lee C., Corporation, assignee: See—
 Iddings, Charles D., Jenkins, and Campbell. 2,689,137.
 Woolslayer, Homer J., and Jenkins. 2,690,268.
 Woolslayer, Homer J., and Jenkins. 2,692,031.
 Woolslayer, Homer J., Jenkins, and Iddings. 2,695,081.
 Moore, Lorenzo D., to Gustin-Bacon Mfg. Co. 2,681,289, Cl. 106—50.
 Moore, Marjorie B.: See—
 Wright, Howard B., and Moore. 2,691,679.
 Moore, Mark E., assignor to Williston Seamless Can Co., Inc. 2,679,816, Cl. 113—46.
 Moore, Milford B.: See—
 Smith, Clarence E., Nerwin, and Moore. 2,693,744.
 Moore, Nathaniel S., Jr., to General Electric Co. 2,692,370, Cl. 324—97.
 Moore, Nelson: See—
 Toulon, Pierre M. G. 2,685,644.
 Toulon, Pierre M. G. 2,686,261.
 Toulon, Pierre M. G. 2,689,928.
 Toulon, Pierre M. G. 2,691,151.
 Moore, Norman C.: See—
 Gaut, Geoffrey C., and Moore. 2,689,398.
 Moore, Philemon J., to Leeds and Northrup Co. 2,690,951, Cl. 316—136.
 Moore, Ralph T. 2,676,352, Cl. 15—312.
 Moore, Raymond H., Oak Park, Ill. Dust arrester. 2,664,966, Jan. 5.
 Moore, Raymond J.: See—
 Ellison, John M., Moore, and Pease. 2,693,922.
 Moore, Richard N.: See—
 Pack, Frank C., Moore, and Bickford. 2,685,597.
 Moore, Richard S. 2,682,955, Cl. 211—35.
 Moore, Robert A.: See—
 Moore, Thomas M. Re. 23,903.
 Moore, Robert C., Erdenheim, assignor to Philco Corporation, Philadelphia, Pa. Electrical system. 2,671,129, Mar. 2.
 Moore, Robert J.: See—
 Greensfelder, Bernard S., and Moore. 2,674,634.
 Moore, Robert J., Oakland, assignor to Shell Development Company, Emeryville, Calif. Low pour point lubricants. 2,671,051, Mar. 2.
 Moore, Sallie B.: See—
 Moore, George W. 2,685,418.
 Moore, Scott, E. J. Meyers, and P. R. Nolan, Oklahoma City, Okla. Watermelon carrier. 2,665,162, Jan. 5.
 Moore, Somers, assignor to Spreckles Sugar Company. 2,679,464, Cl. 127—50.
 Moore, Thomas E., and C. H. Watts, to The Ransom and Randolph Co. 2,680,890, Cl. 22—113.1.
 Moore, Thomas G., assignor to American Instrument Company, Inc. 2,679,411, Cl. 285—167.
 Moore, Thomas G., Takoma Park, and R. E. Harvill, Hyattsville, assignors to American Instrument Co., Inc., Silver Spring, Md. High-pressure valve. 2,670,172, Feb. 23.
 Moore, Thomas M., deceased, by the Bank of Salem, administrator, to R. A. Moore and Bank of Salem, as guardians for the infant children of T. M. Moore. Re. 23,903, Cl. 241—186.
 Moore, Thomas V., to Standard Oil Development Co. 2,684,835, Cl. 255—28.
 Moore, Thomas V., and R. R. Thompson, to Standard Oil Development Co. 2,697,941, Cl. 73—155.
 Moore, Thomas W., assignor, by mesne assignments, to American Machine & Foundry Company. 2,680,176, Cl. 201—51.
 Moore, Vera D. 2,682,672, Cl. 5—336.
 Moore, Walter E., assignor to Swing-A-Way Manufacturing Company. 2,675,611, Cl. 30—9.
 Moore, Walter E., to Knapp-Monarch Co. 2,685,435, Cl. 259—1.
 Moore, Walter G., West Palm Beach, Fla. Beer can handle. 2,665,936, Jan. 12.
 Moore, Walter G., West Palm Beach, Fla. Portable decorative illuminating device. 2,673,286, Mar. 23.
 Moore, William E., to Delaware Engineering Corp. 2,684,392, Cl. 13—10.
 Moore, William F., assignor to The A. C. Gilbert Company, New Haven, Conn. Uniting spider structure. 2,672,280, Mar. 16.
 Moore, William H., Larchmont, N. Y., assignor to Meehanite Metal Corporation. Metal lined cupola. 2,671,658, Mar. 9.
 Moore, William H., to Crown Cork & Seal Co., Inc. 2,693,782, Cl. 118—2.
 Moore, William H., and W. W. Smith, assignors to Meehanite Metal Corporation. 2,677,609, Cl. 75—53.
 Moore, Willis F., to Bryant Chucking Grinder Co. 2,690,033, Cl. 51—50.
 Moorehead, John O., and E. F. Kurtz, Attleboro, Mass., and R. M. Glidden, Haddonsfield, N. J., assignors to Metals & Controls Corporation, Attleboro, Mass. Hermetically sealed thermostat. 2,667,553, Jan. 26.
 Moores, Urban A., Rutland Heights, Mass. Pivotaly connected steerable and driven tractor units. 2,673,616, Mar. 30.
 Moorex Industries, Inc., assignee: See—
 Moore, Clyde M.
 Moorhead, Walter H. 2,690,470, Cl. 174—153.
 Moos, Albert. 2,690,607, Cl. 28—64.
 Moos, Gilbert E., M. B. Clemmer, and R. D. Carwell, to Celanese Corp. of America. 2,697,022, Cl. 8—151.2.
 Moos, Kaspar. 2,677,506, Cl. 242—18.
 Moos, Louis H.: See—
 Battles, Stewart S., and Moos.
 Moosman, Jack A.: See—
 Johnston, Mordica O., and Moosman. 2,680,913.
 Moosman, Jack A., to Johnston Testers, Inc. 2,690,807, Cl. 166—150.
 Morain, Paul, assignor to Societe Nationale de Constructions Aeronautiques du Sud-Ouest (Societe Anonyme). 2,679,296, Cl. 170—135.74.
 Morain, Willard A.: See—
 Ramsey, Robert P., Morain, and Bovard. 2,676,578.
 Moran, Harold J., to Switlik Parachute Co., Inc. 2,683,910, Cl. 24—205.11.

- Moran, James G.: *See*—
Bogaus, Benedict E., and Fuchslocher. 2,694,511.
- Moran, Michael T., assignee: *See*—
Maseritz, Bernard D. 2,674,701.
- Morand, Donald A., to East Side Tool & Die Works. 2,691,543, Cl. 292—1.
- Morand, Emil. 2,697,544, Cl. 229—15.
- Moravec, Ladislav, and A. Gans, Elmhurst, assignors to Roto Bag Machine Corporation, New York, N. Y. Bag-making machine. 2,670,783, Mar. 2.
- Morawetz, Edward J. 2,693,614, Cl. 16—65.
- Morawetz, Hugo. 2,681,483, Cl. 20—92.
- Morawski, London T.: *See*—
Parker, John J., and Morawski. 2,678,824.
- Parker, John J., and Morawski. 2,681,805.
- Morbeck, Robert C.: *See*—
Holder, Clinton H., Nelson, and Morbeck. 2,682,453.
- Morberg, Ivar A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Making spring assemblages. 2,666,253, Jan. 19.
- Morck, Charles W., Jr., assignor to Selas Corporation of America, Philadelphia, Pa. Radiant gas burner. 2,671,507, Mar. 9.
- More, Jasper: *See*—
Boyle, Archibald R., Hewitt, and More. 2,683,984.
- More, Philip J., Chicago, Ill., assignor to Birtman Electric Company. Motor-driven polisher having upper and lower casing sections. 2,665,439, Jan. 12.
- Morel, Charles J.: *See*—
Stoll, Willy, and Morel. 2,686,816.
- Morel, Maurice E., Sceaux, assignor to Societe Francaise des Munitions de Chasse, de Tir et de Guerre, S. A., Issy-les-Moulineaux, France. Wad. 2,665,635, Jan. 12.
- Morel, Pierre L. G., assignor to Societe d'Electronique et d'Automatisme, Paris, France. Recopying servomechanism. 2,673,951, Mar. 30.
- Moreland, Stephen T.: *See*—
Scherer, Robert P., Benford, and Moreland. 2,688,775.
- Scherer, Robert P., and Moreland. 2,682,253.
- Moreland, Stephen T., assignor to The E. & J. Swigart Company. 2,678,052, Cl. 134—77.
- Morell, Joseph J., East Cleveland, Ohio. Air vent tube. 2,664,809, Jan. 5.
- Morelock, Oliver J., Short Hills, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Moisture testing apparatus. 2,673,327, Mar. 23.
- Moreton, Douglas H., to Douglas Aircraft Co., Inc. 2,684,336, Cl. 252—49.9.
- Moreton, Douglas H., and B. Keilin, to Douglas Aircraft Co., Inc. 2,694,083, Cl. 260—461.
- Moretti, John, assignee: *See*—
Cavanagh, John F. 2,695,730.
- Richardson, John D.
- Morey, Arthur H., to General Electric Co. 2,689,536, Cl. 105—62.
- Morey, Glen H. 2,693,787, Cl. 119—51.
- Morey, Leon P., and E. J. Butler, to Eastman Kodak Co. 2,685,323, Cl. 154—1.6.
- Morey Machinery Co., Inc., assignee: *See*—
Pesqueira, Juvenito J.
- Morey, Robert L., assignor to General Electric Company. 2,679,734, Cl. 64—9.
- Morey, Woodruff A., Park Forest, Ill., assignor to Whiting Corporation. Servomotor control apparatus for electric furnaces and the like. 2,671,181, Mar. 2.
- Morf, Ernest. 2,675,668, Cl. 58—140.
- Morgan, Allan, assignor to All Metal Products Company, Wyandotte, Mich. Construction of figurines. 2,669,803, Feb. 23.
- Morgan, Clarence A., Albany, Calif. Hinged member restraining means. 2,665,466, Jan. 12.
- Morgan, Clarence R., and W. F. Olds, assignors, by mesne assignments, to California Research Corporation. 2,674,579, Cl. 252—78.
- Morgan, Claude R., and E. F. Miner, assignors to General Electric Company. 2,677,296, Cl. 82—21.
- Morgan Construction Company, assignee: *See*—
Morgan, Myles.
- Morgan, Myles, and O'Malley.
- O'Malley, Joseph M.
- Palmer, Charles, and Woodward. 2,696,922.
- Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Making and attaching furniture glides. 2,672,679, Mar. 23.
- Morgan Fairest Ltd.: *See*—
Fairest, Derek H. 2,687,821.
- Morgan, Frank, assignor to Gulf Research & Development Company. 2,676,485, Cl. 73—38.
- Morgan, Herman. 2,697,929, Cl. 70—14.
- Morgan, Jeremiah M.: *See*—
Pike, Winthrop S., and Morgan. 2,677,059.
- Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Treatment of hot metal rods. 2,673,820, Mar. 30.
- Morgan, Myles, and J. M. O'Malley, assignors to Morgan Construction Company, Worcester, Mass. Rotary shears. 2,664,950, Jan. 5.
- Morgan, Myron D. 2,695,166, Cl. 265—56.5.
- Morgan, Paul E., to United Shoe Machinery Corp. 2,686,673, Cl. 271—68.
- Morgan, Porter S. 2,678,536, Cl. 60—53.
- Morgan, Porter S., assignor to The Connecticut Variable Gear Corporation. 2,675,898, Cl. 192—41.
- Morgan, Porter S., to E. P. Bullard, III. 2,682,776, Cl. 74—198.
- Morgan, Raymond E., assignor to General Electric Company. 2,675,518, Cl. 322—28.
- Morgan, Rodney A., assignor to Spaulding Fibre Company, Inc. 2,679,988, Cl. 242—119.
- Morgan, Rodney D. 2,677,910, Cl. 40—158.
- Morgan, Stephen W. K., to The National Smelting Co. Ltd. 2,684,899, Cl. 75—87.
- Morgan, Wilfred F. R.: *See*—
Woodward, Stanley, and Morgan. 2,677,259.
- Morgan, Willard L.: *See*—
Colbert, William H., Morgan, and Weinrich. 2,676,117.
- Morgan, William N. 2,689,602, Cl. 155—136.
- Morgan, William T. 2,692,906, Cl. 136—166.
- Morganson, Peter H., to The William L. Gilbert Clock Corp. 2,693,231, Cl. 161—1.
- Morganson, Peter H., to The William L. Gilbert Clock Corp. 2,697,324, Cl. 58—80.
- Morheiser, Joseph H., Chicago, Ill. Artificial leg jack. 2,666,927, Jan. 26.
- Moriarty, Francis C., to Universal Oil Products Co. 2,694,034, Cl. 196—29.
- Moriarty, Harold S. 2,697,905, Cl. 56—400.01.
- Morin, George G.: *See*—
Mercier, Amos J., and Morin. 2,675,139.
- Morin, Joseph A., Bloomfield, N. J. Animated manikin. 2,671,984, Mar. 16.
- Morin, Joseph R., Ipswich, E. L. Midgley, Salem, and R. P. Crowley, Danvers, assignors to Sylvania Electric Products Inc., Salem, Mass. Vacuum leak check valve. 2,672,266, Mar. 16.
- Morin, Louis H., Bronx, N. Y. Automatic lock slider. 2,666,969, Jan. 26.
- Morin, Louis H., Bronx, N. Y. Electric lamp switch construction. 2,668,905, Feb. 9.
- Morin, Louis H., Bronx, N. Y. Apparatus for producing die cast sliders. 2,672,662, Mar. 23.
- Morin, Louis H., to Coats & Clark Inc. 2,683,572, Cl. 242—118.
- Morin, Louis H. 2,686,338, Cl. 18—1.
- Morin, Louis H., to Coats & Clark Inc. 2,687,260, Cl. 242—119.
- Morin, Louis H., to Coats & Clark Inc. 2,689,096, Cl. 242—118.
- Morin, Louis H., to Rotolite Device Co., Inc. 2,690,504, Cl. 240—123.
- Morin, Louis H. 2,695,419, Cl. 18—1.
- Morishita, Buichi. 2,681,782, Cl. 248—106.
- Morishita, David S. 2,692,428, Cl. 30—24.
- Morison, Charles R. W.: *See*—
Broderick, Aubrey E., and Morison. 2,689,863.
- Morito, Nozomu: *See*—
Tadano, Bunya, Morito, and Katagiri. 2,688,092.
- Moritt, Irving J., assignee: *See*—
Bell, Sidney R. 2,677,341.
- Moritz, George R.: *See*—
Rainone, Nicholas J., and Moritz. 2,691,817.
- Moritz, March R., and E. G. Autie, $\frac{1}{2}$ to United Shoe Machinery Corp., and $\frac{1}{2}$ to Wickman Ltd. 2,690,495, Cl. 219—10.53.
- Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Velocity-reducing and filtering inlet for hydraulic tanks. 2,669,254, Feb. 16.
- Mork, George W., assignor to Bucyrus-Erie Company. 2,676,785, Cl. 254—185.
- Mork, Raymond P., to The Baldwin Co. 2,682,616, Cl. 307—106.
- Mork, Sverre A. 2,678,166, Cl. 238—84.
- Morkoski, James, assignor to International Harvester Company. 2,674,170, Cl. 97—47.29.
- Morkoski, James, to International Harvester Co. 2,682,819, Cl. 97—46.59.
- Morkoski, James, and D. A. Walker, to International Harvester Co. 2,688,225, Cl. 56—44.
- Morlan, Erwin A., F. L. Scott, and H. B. Woods, to Hughes Tool Co. 2,687,875, Cl. 255—346.
- Morley, Charles E. 2,684,823, Cl. 248—226.
- Morley, Frederick W. W., Aston-on-Trent, Derby, assignor to Rolls-Royce Limited, Derby, England. Adjustable stator blade and shroud ring arrangement for axial flow turbines and compressors. 2,671,634, Mar. 9.
- Morley, Harold V.: *See*—
Rimington, Claude, Lawson, Searle, and Morley.
- Morley, James P., and R. J. Cuff, to Bastian-Morley Co., Inc. 2,696,369, Cl. 257—164.
- Morley, Ronald J., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Gasification of carbonaceous materials. 2,671,015, Mar. 2.
- Morner, Richard R.: *See*—
Wesp, George L., and Morner. 2,687,402.
- Morner, Richard R., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Styrene copolymers. 2,667,467, Jan. 26.
- Morner, Richard R., Dayton, Ohio, and R. I. Longley, Jr., Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Vinyl acetate-N-vinyl-pyrrolidone copolymers. 2,667,473, Jan. 26.
- Morner, Richard R., and R. I. Longley, Jr., assignors to Monsanto Chemical Company. 2,676,949, Cl. 260—78.5.

- Mornik, George B., Mounds View Township, Ramsey County, Minn. Powder spray gun. 2,668,594, Feb. 9.
- Morningstar, Ralph E., Columbus, Ohio, assignor to Mathieson Chemical Corporation. Producing insoluble sulfur. 2,667,406, Jan. 26.
- Morningstar, Ralph E., Columbus, Ohio, and G. H. Whipple, Wilmington, Del., assignors to Mathieson Chemical Corporation. Producing finely ground sulfur of noncaking character. 2,665,973, Jan. 12.
- Morphew, Clarence E., assignor to General Motors Corporation, Detroit, Mich. Indicating mechanism. 2,672,117, Mar. 16.
- Morra, Joseph E. 2,685,483, Cl. 308—237.
- Morreall, Herbert, Jr.: *See*—
Heimbach, Newton, and Morreall, Jr. 2,688,539.
- Morrell, Charles E.: *See*—
Biribauer, Frank A., Carlson, and Morrell. 2,684,385.
Gallo, S. George, and Morrell. 2,675,407.
- Morrell, Charles E., Westfield, C. S. Carlson, Roselle, and C. E. Porter, Cranford, N. J., assignors to Standard Oil Development Company. Purification of isopropyl alcohol. 2,668,735, Jan. 19.
- Morrell, Jacques C., Merion, Pa. Conversion of hydrocarbons with an active silica composited catalyst mixture. 2,670,321, Feb. 23.
- Morren, Henri, Forest-Brussels, assignor to Union Chimique Belge, S. A., Brussels, Belgium. P-methoxy benzhydryl ethers. 2,668,856, Feb. 9.
- Morrill, Charles D.: *See*—
Baum, Richard V., Morrill, and Osofsky.
- Morrill, Melvin A., assignee: *See*—
Enos, Joe, Jr. 2,680,343.
- Morrill, Melvin J.: *See*—
Kalanick, John J., and Morrill. 2,679,217.
- Morrill, Wayne J. 2,680,559, Cl. 230—259.
- Morris, Arthur K.: *See*—
Frye, Conn M., Killner, and Morris.
- Morris, Clifford: *See*—
Craig, Hugh R. M., Morris, and Frankel. 2,682,991.
Frankel, Adolf, Morris, Wolff, and Mitchell. 2,686,653.
- Morris, Elmer. 2,682,901, Cl. 146—160.
- Morris, Frank A., assignor to Stromberg-Carlson Company. 2,680,782, Cl. 179—18.
- Morris, Frank A., to Stromberg-Carlson Co. 2,691,070, Cl. 179—90.
- Morris, George, Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Blasting method. 2,671,399, Mar. 9.
- Morris, George F., assignor to International Business Machines Corporation. 2,678,098, Cl. 164—50.
- Morris, Henry C., Sr., Rochester, N. Y. Bait container holder. 2,673,057, Mar. 23.
- Morris, Isaac A. 2,674,909, Cl. 81—3.1.
- Morris, James, Jr. 2,697,215, Cl. 340—227.
- Morris, John: *See*—
Watson, Henry R., Morris, and Staite.
- Morris, John A., and H. E. Ellerman, Jr., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,679,163, Cl. 73—212.
- Morris, John R., and J. R. Roach, to The Texas Co. 2,685,600, Cl. 260—521.
- Morris Machine Tool Co., The: *See*—
Kahle, Walter R., and Johnson. 2,694,960.
- Morris Machine Works, assignee: *See*—
Pfarrer, William H. 2,676,609.
- Morris, Melvin P. 2,674,966, Cl. 113—102.
- Morris Paper Mills: *See*—
Arneson, Edwin L. Re. 23,912.
Arneson, Edwin L. 2,686,001.
Arneson, Edwin L. 2,687,067.
Arneson, Edwin L. 2,687,232.
Weimer, Kenneth A. 2,687,800.
- Morris, Robert C., to Northrop Aircraft, Inc. 2,691,898, Cl. 74—469.
- Morris, Robert E., Lyndhurst, and L. S. Lee, assignors to Jack & Heintz, Inc. 2,679,559, Cl. 200—47.
- Morris, Rupert C.: *See*—
Ballard, Seaver A., Morris, and Buls. 2,687,403.
Van Winkle, John L., and Morris. 2,681,920.
- Morris, Rupert C., assignor to Shell Development Company. 2,674,616, Cl. 260—461.
- Morris, Rupert C., Berkeley, and E. C. Shokal, and V. W. Buls, Walnut Creek, assignors to Shell Development Company, San Francisco, Calif. Unsaturated esters of substituted cyclohexanecarboxylic acids, polymers thereof, and compositions containing the same. 2,671,060, Mar. 2.
- Morris, Rupert C., and V. W. Buls, assignors to Shell Development Company. 2,677,678, Cl. 260—78.5.
- Morris, Thomas C.: *See*—
Urban, Stephen E., Morris, and Johnson. 2,677,635.
- Morris, William. 2,694,512, Cl. 222—501.
- Morris, William L., to Phillips Petroleum Co. 2,691,300, Cl. 73—136.
- Morris, Willis B., assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Jet engine throttle control. 2,664,762, Jan. 5.
- Morrison, Albert R.: *See*—
Biefeld, Lawrence P., and Morrison.
- Morrison, Alexander L., and F. R. Atherton, assignors to Hoffmann-La Roche Inc. 2,677,680, Cl. 260—211.3.
- Morrison, Alexander L., F. R. Atherton, and K. J. M. Andrews, to Hoffmann-La Roche Inc. 2,686,783, Cl. 260—286.
- Morrison, Bernard H.: *See*—
Clark, Charles W., and Morrison. Re. 23,825.
- Morrison, Charles S., to Deere & Co. 2,687,688, Cl. 100—4.
- Morrison, Charles S., to Deere & Co. 2,687,690, Cl. 100—98.
- Morrison, Clyde W., and J. G. Bonine, Toledo, and R. E. Marisay, Woodville, assignors to The Metal Electric Processing Company, Toledo, Ohio. Piston. 2,673,769, Mar. 30.
- Morrison, David, to Paragon Electric Co. 2,688,366, Cl. 161—1.
- Morrison, David, to Paragon Electric Co. 2,690,526, Cl. 317—141.
- Morrison, David, and J. A. Senn, to Paragon Electric Co. 2,686,862, Cl. 219—37.
- Morrison, Donald E.: *See*—
Williams, Frederick D. M., and Morrison.
- Morrison, Emmett G., $\frac{1}{2}$ to E. H. Gromer. 2,692,636, Cl. 155—41.
- Morrison, Harold E.: *See*—
Geldhof, Peter E., and Morrison. 2,678,814.
- Morrison, Hunter, Jr., to Morrison Products, Inc. 2,684,521, Cl. 29—156.8.
- Morrison, Ian H.: *See*—
Kendall, James W., and Morrison. 2,689,629.
- Morrison, James L. D., to V-M Corp. 2,689,735, Cl. 274—10.
- Morrison, James L. D., and W. J. Faulkner, to V-M Corp. 2,687,450, Cl. 178—5.4.
- Morrison, Jay W. 2,683,185, Cl. 174—139.
- Morrison, John F.: *See*—
Gabrielsen, Christian, and Morrison. 2,677,450.
- Morrison, John L. M., A. Robertson, and A. W. H. Porter, assignors to F. N. F. Limited. 2,674,778, Cl. 28—32.
- Morrison, Keith W. 2,679,967, Cl. 226—127.
- Morrison, Montford, Upper Montclair, N. J. Amplifier. 2,668,882, Feb. 9.
- Morrison, Montford, Rochester, N. Y. Electronic tube oscillation system. 2,670,437, Feb. 23.
- Morrison, Montford. 2,681,277, Cl. 95—7.
- Morrison Products, Inc.: *See*—
Morrison, Hunter, Jr. 2,684,521.
- Morrison, Robert W., Kansas City, Mo. Magnetic toy. 2,668,389, Feb. 9.
- Morrison, Stuart M.: *See*—
Sherwood, John R., and Morrison. 2,691,132.
- Morrison, Thomas W., and H. Styri, assignors to SKF Industries, Incorporated. 2,680,659, Cl. 308—228.
- Morrison, Walter E., assignor to Armstrong Cork Company. 2,675,118, Cl. 198—27.
- Morrison, Wilbert H.: *See*—
Schaefer, Ralph A., Cerness, and Morrison. 2,687,565.
- Morrison, Willard L., assignor to Union Stock Yards & Transit Company. 2,676,467, Cl. 62—92.
- Morrison, Willard L., assignor to Union Stock Yards & Transit Company. 2,679,114, Cl. 34—83.
- Morrison, Willard L., to Union Stock Yards & Transit Co. 2,697,510, Cl. 198—213.
- Morrissey, Patrick W., to J. I. Case Co. 2,689,445, Cl. 56—310.
- Morrissey, Richard T.: *See*—
Crawford, Richard A., and Morrissey. 2,681,899.
- Morrissey, Richard T., and H. J. Weiss, to The B. F. Goodrich Co. 2,698,041, Cl. 152—349.
- Morritt, Irving J.: *See*—
Bell, Sidney R. 2,682,846.
- Morrow, Charles T., R. E. Barnaby, and L. A. Nevala, to The Sperry Corp. 2,683,596, Cl. 264—1.
- Morrow, Harry S., to E. H. Sheldon & Co. 2,694,612, Cl. 311—39.
- Morrow, John A., to Shallcross Controls, Inc. 2,687,615, Cl. 60—52.
- Morrow, Morris R., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Dehydration of liquefied petroleum gas. 2,672,034, Mar. 16.
- Morrow, Morris R., and L. P. Hodges, to Standard Oil Development Co. 2,693,997, Cl. 21—60.5.
- Morrow, Walker C., Dearborn, Mich. Connector clamp. 2,668,995, Feb. 16.
- Morsch, Jesse J., Douglas, Wyo. Rolling ball game device. 2,668,716, Feb. 9.
- Morsch, Jesse J. 2,674,989, Cl. 124—13.
- Morschel, Albert J., to Liquidivision Gauge and Control Corp. 2,685,797, Cl. 73—319.
- Morschel, Albert J., to Liquidivision Gauge and Control Corp. 2,690,079, Cl. 73—407.
- Morse-Andrews Co.: *See*—
Morse, William J. 2,684,513.
- Morse, Benjamin W. 2,683,569, Cl. 242—55.3.
- Morse Boulger Destructor Co.: *See*—
Baresch, Charles A.
Ehrenhaft, Alphons F. 2,684,771.
Reitz, Donald S. 2,675,138.

- Morse Chain Company, assignee: *See*—
 Bowers, Roy C. 2,680,359.
 Bremer, Norman C. 2,678,569.
 Cherry, Ralph E.
 Riopelle, Earl F.
- Morse, Donald L. 2,685,689, Cl. 1—3.
 Morse, Frank P. 2,693,591, Cl. 340—275.
 Morse, Glenn B., Grand Rapids, Mich. Hinge assembly for furnace doors. 2,670,197, Feb. 23.
 Morse, Henry E. 2,683,431, Cl. 113—32.
 Morse, Isidore. 2,684,814, Cl. 242—74.
 Morse, John F. 2,690,919, Cl. 287—119.
 Morse, Robert H., Jr., assignee: *See*—
 Hall, Harry H., and Teichmann. 2,678,625.
 Morse, Rollin D., Lincoln University, Pa., and E. F. von Wettberg, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Solids-gas contacting. 2,667,706, Feb. 2.
 Morse, Roy E.: *See*—
 Moss, Henry V., and Morse.
- Morse, Stanley H., to Addison Products Co. 2,692,119, Cl. 257—248.
 Morse, William J., to Morse-Andrews Co. 2,684,513, Cl. 24—180.
 Morstad, Waldo. 2,693,860, Cl. 180—77.
 Mortenson, Everett N., assignor to Swift & Company, Chicago, Ill. Glue bone tankage treatment. 2,667,500, Jan. 26.
 Morterol, Michel, to Mibis. 2,696,929, Cl. 220—4.
 Mortimer, Edmund W., to The Garrard Engineering and Mfg. Co. Ltd. 2,687,643, Cl. 73—141.
 Mortimer, Frank R.: *See*—
 Trevaskis, Henry W., and Mortimer. 2,692,100.
 Mortley, Wilfrid S., to Marconi's Wireless Telegraph Co. Ltd. 2,683,810, Cl. 250—36.
 Morton Chemical Co.: *See*—
 Latham, Henry H., and Morton. 2,686,121.
 Morton, Craig V.: *See*—
 Dermond, Lawrence C., and Morton. 2,678,036.
 Morton, Daniel J., Borger, Tex. Electrical connector. 2,672,594, Mar. 16.
 Morton, Edmund R.: *See*—
 Holden, William H. T., and Morton. 2,685,683.
 Morton, Eldred O., to Westinghouse Electric Corp. 2,683,320, Cl. 38—77.
 Morton, Evans T., assignor to Admiral Corporation, Chicago, Ill. Refrigerator door. 2,665,456, Jan. 12.
 Morton, Evans T., assignor to Admiral Corporation. 2,679,944, Cl. 220—9.
 Morton, George A., to Radio Corp. of America. 2,685,044, Cl. 313—72.
 Morton, George E., North Royalton, assignor to Designers for Industry, Inc., Cleveland, Ohio. Radio circuit tuning device. 2,673,933, Mar. 30.
 Morton, George E., North Royalton, and M. F. Baddour, assignors to Designers for Industry, Inc., Cleveland, Ohio. Variable inductor. 2,673,964, Mar. 30.
 Morton, Gordon E. 2,677,840, Cl. 15—160.
 Morton, Harold S., Jr.: *See*—
 Beams, Jesse W., and Morton.
 Morton, Henry C.: *See*—
 Walters, Gustav, and Morton. 2,676,126.
 Morton, Jack A.: *See*—
 Haynes, James R., and Morton. 2,677,106.
 Morton, Jack A., to Bell Telephone Laboratories, Inc. 2,692,351, Cl. 315—3.
 Morton, James A., to Frysweet Filter Corp. 2,698,092, Cl. 210—122.2.
 Morton, Joseph R.: *See*—
 Latham, Henry H., and Morton. 2,686,121.
 Morton, Lester C., and C. P. Mottram, to Bridgeport Brass Co. 2,689,075, Cl. 226—107.
 Morton, Maurice L. 2,684,546, Cl. 40—159.
 Morton, Rogers C. P.: *See*—
 Armstrong, Lowell, Willoughby, Morton, and How.
 Morton Salt Co.: *See*—
 Comstock, Rock L.
 Diamond, Horace W. 2,696,248.
 Morton, William, and A. R. Lytle, to Union Carbide and Carbon Corp. 2,688,180, Cl. 29—169.
 Morton, Woolridge B., assignor to Wilbro Corporation, New York, N. Y. Packing case. 2,673,678, Mar. 30.
 Morway, Arnold J.: *See*—
 Bartlett, Jeffrey H., Morway, and Serniuk. 2,692,232.
 Morway, Arnold J., Clark-Rahway, D. W. Young, Westfield, and D. L. Cottle, Highland Park, N. J., assignors to Standard Oil Development Company. Lubricating grease prepared from the esters of the dimer of linoleic acid. 2,673,184, Mar. 23.
 Morway, Arnold J., D. W. Young, and D. L. Cottle, assignors to Standard Oil Development Company. 2,680,719, Cl. 252—51.
 Morway, Arnold J., and P. V. Smith, Jr., to Standard Oil Development Co. 2,690,429, Cl. 252—41.
 Morway, Arnold J., and L. A. Mikeska, to Standard Oil Development Co. 2,694,683, Cl. 252—41.
 Mosberg, Abraham. 2,687,103, Cl. 112—176.
 Mosby, Elbridge C., Chicago, assignor of twenty-five percent to D. M. Heller, Skokie, Ill. Stripping machine for sausage casings and the like. 2,670,498, Mar. 2.
 Mosby, Elbridge C., assignor of 25% to D. M. Heller. 2,676,354, Cl. 17—1.
 Moscato, Francis. 2,693,963, Cl. 273—157.
 Mosch, Alfred. 2,691,287, Cl. 67—7.1.
 Moschel, Wilhelm, and W. Müller, to Farbenfabriken Bayer Aktiengesellschaft. 2,690,423, Cl. 204—158.
 Moschetto, Anthony F.: *See*—
 Scudi, John V., Moschetto, and Mayurnik. 2,680,742.
 Moseley, Charles W., Charlotte, N. C., assignor to R. H. Boulligny, Inc., Ground rod driving means. 2,667,752, Feb. 2.
 Moseley, James T. W.: *See*—
 Carlson, Harold A., and Moseley. 2,692,766.
 Moseley, John F., and F. Davies, to The British Cotton Industry Research Association. 2,681,666, Cl. 139—256.
 Moseley, Tomlinson I.: *See*—
 Krueger, Frank W. 2,690,245.
 Mosely, Neal J., assignor to Detroit Controls Corporation. 2,676,876, Cl. 48—190.
 Mosely, Neal J., to Detroit Controls Corp. 2,681,101, Cl. 158—28.
 Mosen, Adolph: *See*—
 Mosen, Boris W., and A. 2,673,982.
 Mosen, Boris W., and A. 2,673,982, Cl. 2—67.
 Moser, Homer D., assignor to The Wayne Pump Company, Fort Wayne, Ind. Nozzle lock. 2,668,680, Feb. 9.
 Moser, Irving: *See*—
 Crookston, Robert R., and Moser. 2,697,999.
 Moser, Marietta A. 2,697,863, Cl. 24—152.
 Moser, Otto. 2,693,502, Cl. 178—70.
 Moser, Robert C.: *See*—
 Purchas, William J., Jr., and Moser.
 Purchas, William J., Jr., Moser, and Etchells. 2,681,644.
 Moser, Robert C., to Thompson Products, Inc. 2,689,554, Cl. 123—90.
 Moses, Douglas V.: *See*—
 Peery, Luther C., McKane, and Moses. 2,698,227.
 Moses, Douglas V., and E. A. Smith, to E. I. du Pont de Nemours & Co. 2,690,425, Cl. 210—2.
 Moses, Douglas V., and V. R. Thayer, to E. I. du Pont de Nemours & Co. 2,697,696, Cl. 252—373.
 Moses, Monte. 2,690,589, Cl. 17—39.
 Moses, Monte. 2,690,970, Cl. 99—107.
 Moses, Nelson K., Ashtabula, Ohio, assignor to Railroad Rubber Products, Inc. Resilient traction rail joint insulator. 2,670,136, Feb. 23.
 Moses, Robert C., Swampscott, Mass., assignor to Sylvania Electric Products Inc. Automatic noise limiter. 2,668,233, Feb. 2.
 Moses, Saul. 2,677,960, Cl. 73—67.
 Mosettig, Erich, Y. Sato, and A. Katz. 2,684,365, Cl. 260—239.55.
 Mosher, Ezra D., to National Motor Bearing Co., Inc. 2,697,623, Cl. 288—2.
 Mosher, George W. 2,687,524, Cl. 2—13.
 Mosher, George W. 2,687,671, Cl. 88—41.
 Moskovitz, Milton A., assignor of 1/2 to H. Frankel. 2,676,045, Cl. 287—85.
 Mosley, Alfred J. 2,690,191, Cl. 137—527.8.
 Mosley, Mabel V., Los Angeles, Calif. Clamping attachment for earrings. 2,666,973, Jan. 26.
 Mosnier, Michel M., and A. Fournet, to Societe des Usines Chimiques Rhone-Poulenc. 2,681,937, Cl. 260—610.
 Mosnier, Michel M., and A. Fournet, to Societe des Usines Chimiques Rhone-Poulenc. 2,697,121, Cl. 260—610.
 Moss, Henry V., and R. E. Morse, Anniston, Ala., assignors to Monsanto Chemical Company, St. Louis, Mo. Nutrient media containing antifoaming agents. 2,666,017, Jan. 12.
 Moss, Henry V., and T. W. Schilb, to Monsanto Chemical Co. 2,697,024, Cl. 23—109.
 Moss, Ivan D. F., to Test Equipment Ltd. 2,690,792, Cl. 155—140.
 Moss, Le Roy L.: *See*—
 Sweo, Benjamin J., and Moss. 2,695,249.
 Moss, Leroy L., Cleveland, Ohio, assignor to Ferro Corporation. Porcelain enameling. 2,671,029, Mar. 2.
 Moss, Lois E.: *See*—
 Finnegan, Lois M.
 Moss, Ralph, Hollywood, Calif. Lighting fixture. 2,673,291, Mar. 23.
 Moss, Ralph L., assignee: *See*—
 Nichols, Dan C.
 Moss, Walter E., Brookfield, and O. Garapolo, Chicago, Ill., assignors to Wilson & Co., Inc. Weighing system. 2,668,493, Feb. 9.
 Mosse, Pierre, Lyon, assignor to Societe Rhodiaceta, Paris, France. Shaped articles from polymers and copolymers of acrylonitrile, and producing same. 2,671,089, Mar. 2.
 Mosset, William. 2,674,890, Cl. 74—1.5.
 Mossin, Kai B., to Novo Terapeutisk Laboratorium A/S. 2,698,130, Cl. 230—150.
 Mostad, Eigil: *See*—
 Aannerud, Sigurd A., and Mostad.
 Motch & Merryweather Machinery Co., The: *See*—
 Romans, John F., and Pirman. 2,690,702.
 Mote, Horace, assignor to Acheson Colloids Limited. 2,675,967, Cl. 241—47.
 Motion Picture Research Council, Inc.: *See*—
 Holmes, Tracy S. 2,682,957.
 Motis, Gilbert M., to Northrop Aircraft, Inc. 2,692,390, Cl. 3—12.4.
 Moto-Mower Co., The: *See*—
 Timmins, Harold V. 2,690,637.

- Motor Products Corp. : See—**
 Adneron, Florence B.
 Chambers, Worthy L., and Konefes. 2,689,778.
 Eck, Floyd R. 2,682,754.
 Eck, Floyd R. 2,685,178.
 Humpal, Eugene G. 2,676,055.
 Kellogg, Homer G. 2,691,204.
 Mackey, Henry W.
 Whitmore, Harland W. 2,675,289.
 Whitmore, Harland W. 2,682,965.
- Motor Wheel Corp. : See—**
 Edwards, Wayne W. 2,678,038.
 Horn, Harry J. 2,679,304.
 Horn, Harry J., and Frederick. 2,684,879.
 Jones, Don F.
 Miller, John W. 2,688,958.
 Miller, John W., and Edwards. 2,695,016.
- Motorola, Inc. : See—**
 Baroch, George F. 2,697,131.
 Beck, Charles E. 2,691,560.
 Bergan, Kenneth N. 2,689,882.
 Budlane, Stanley J.
 Creighton, Allan M., Jr. 2,695,979.
 Dyke, Edwin, and Hoffman. 2,679,003-4.
 Fogg, George W. S. 2,696,575.
 Fyler, George W. 2,683,776.
 Fyler, George W. 2,683,805.
 Graziano, Victor.
 Hilton, Frederick L. 2,691,094.
 Holzinger, Alfred S., and Peth. 2,688,059.
 Olesky, Anthony P.
 Race, William J., and Smardo. 2,693,333.
 Rich, Gerald C. 2,696,574.
 Schlesinger, Kurt. 2,677,786.
 Schlesinger, Kurt. 2,681,426.
 Schlesinger, Kurt. 2,688,086.
 Schlesinger, Kurt. 2,697,798.
 Sunko, John. 2,682,969.
 Swanson, Elmer O. 2,688,060.
- Mott, Carl W., to International Harvester Co. 2,696,889, Cl. 180—19.**
Mott, Chester, deceased, Evanston, Ill., by G. A. Mott, executor, assignor to Fansteel Metallurgical Corporation. Tantalum welding fixture. 2,666,833, Jan. 19.
Mott, Chester, deceased, Evanston, Ill., by G. A. Mott, executor, assignor to Fansteel Metallurgical Corporation. Welding machine. 2,666,834, Jan. 19.
Mott, Chester, deceased (G. A. Mott, executor), to Fansteel Metallurgical Corp. 2,687,466, Cl. 219—10.
Mott, George A. : See—
 Mott, Chester.
 Mott, Chester. 2,687,466.
- Motten, Roger H., Jr. : See—**
 Barradas, George, and Motten.
- Mottern, Henry O., to Standard Oil Development Co. 2,684,951, Cl. 252—475.**
- Mottet, Arthur L. : See—**
 Clark, James D., and Mottet. 2,689,092.
- Mottram, Charles P. : See—**
 Morton, Lester C., and Mottram. 2,689,075.
- Mottu, Andre, to Societe Genevoise d'Instruments de Physique. 2,694,957, Cl. 88—24.**
- Motz, Dorace E. 2,684,184, Cl. 222—131.**
- Moule, Rex E., to Norton Co. 2,686,109, Cl. 23—280.**
- Moulton, Alexander E. : See—**
 Varga, Otto H., Moulton, and Taylor. 2,674,477.
- Moulton, Alexander E., to George Spencer Moulton & Co. Ltd. 2,684,845, Cl. 267—57.1.**
- Moulton, George Spencer, & Co. Ltd. : See—**
 Moulton, Alexander E. 2,684,845.
- Moulton, Harold R., assignor to American Optical Company, Southbridge, Mass. Means for attachment of eye muscles to implants. 2,667,645, Feb. 2.**
- Moulton, Harper. 2,680,688, Cl. 99—78.**
- Moulton, Lloyd J., to The Marquette Metal Products Co. 2,690,167, Cl. 123—27.**
- Moulton, Stephen W., Johnsville, assignor to Philco Corporation, Philadelphia, Pa. Color cathode-ray tube registration system. 2,673,890, Mar. 30.**
- Moultry, Isaac, and G. Adamec; said Adamec to said Moultry. 2,694,338, Cl. 88—24.**
- Mount, Dick W., assignee : See—**
 Pierson, Winferd M.
- Mount, Robert G. 2,687,753, Cl. 144—27.**
- Mountain Copper Company, Ltd., The, assignee : See—**
 Rowe, Percy J.
- Mount Emily Lumber Co., assignee : See—**
 Herr, John D., and Mount.
- Mount Hope Machinery Co. : See—**
 Wood, George B., Jr. 2,682,094.
- Mountjoy, Garrard, to Stromberg-Carlson Co. 2,684,402, Cl. 178—5.8.**
- Mountjoy, Garrard, and E. Schoenfeld, and G. D. Hulst, Jr., to Radio Corp. of America. 2,695,997, Cl. 343—103.**
- Mouravieff, Nicolas. 2,696,267, Cl. 170—135.4.**
- Mourlaque, Gaston A., Levallois-Perret, assignor to Societe Nouvelle des Etablissements Brandt, Paris, France. Bomb for laying wire entanglements. 2,668,499, Feb. 9.**
- Mouser, Teddie C., Wasco, Calif. Fire extinguisher. 2,672,938, Mar. 23.**
- Moushon, Richard S. 2,676,777, Cl. 248—198.**
- Mouzon, James C., to Minneapolis-Honeywell Regulator Co. 2,681,430, Cl. 318—28.**
- Mowbray, Douglas T. 2,685,756, Cl. 43—54.5.**
- Mowrey, Albert V., Fort Worth, assignor of one-third to J. H. Eades and one-third to W. Sims, Dallas, Tex. Joggle die. 2,670,779, Mar. 2.**
- Mowry, David T. : See—**
 Schlesinger, Arthur H., and Mowry. 2,683,659.
- Mowry, David T., and A. H. Schlesinger, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Organic thiocyanate herbicides. 2,665,202, Jan. 5.**
- Mowry, David T., and A. H. Schlesinger, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Derivatives of benzylidenecyanoacetic acid. 2,667,411, Jan. 26.**
- Mowry, David T., and A. H. Schlesinger, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Herbicidal composition. 2,667,412, Jan. 26.**
- Mowry, David T., Kirkwood, Mo., E. L. Ringwald, Decatur, Ala., and G. L. Wesp, Englewood, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Cyano ether-esters. 2,669,558, Feb. 16.**
- Mowry, David T., and R. M. Hedrick, to Monsanto Chemical Co. 2,687,374, Cl. 210—2.**
- Mowry, David T., and A. H. Schlesinger, to Monsanto Chemical Co. 2,689,789, Cl. 71—2.3.**
- Mowry, David T., and A. H. Schlesinger, to Monsanto Chemical Co. 2,689,790, Cl. 71—2.7.**
- Moyer, Andrew J., assignor to United States of America as represented by the Secretary of Agriculture. 2,674,561, Cl. 195—36.**
- Moyer, David F., assignor to General Motors Corporation. 2,680,172, Cl. 200—116.**
- Moyer, Frederick D., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Apparatus for gauging. 2,668,358, Feb. 9.**
- Moyer, Frederick D., to Chicago Bridge & Iron Co. 2,685,982, Cl. 220—26.**
- Moyer, Frederick D., to Chicago Bridge & Iron Co. 2,696,930, Cl. 220—26.**
- Moyer, Frederick D., and J. L. Scholbe, Chicago, Ill., assignors to Chicago Bridge & Iron Company. Seal hanger. 2,665,819, Jan. 12.**
- Moyer, Kenneth E., assignor to Bernard N. Cantor and Educational Toy Institute of New York. 2,680,306, Cl. 35—31.**
- Moyer, Ralph D. 2,679,106, Cl. 33—141.5.**
- Moyer, Richard C., and M. L. Rysdon, to Sioux Steel Co. 2,691,362, Cl. 119—61.**
- Moyer, Robert M. : See—**
 Leggett, Joseph H., and Moyer. 2,684,819.
- Moyer, Robert P., assignor to Kirsch Company. 2,674,305, Cl. 160—173.**
- Moyer, Robert P., assignor to Kirsch Company. 2,674,350, Cl. 188—64.**
- Moyer, Robert P., and H. E. Stoeckle, to Kirsch Co. 2,696,358, Cl. 248—264.**
- Moyer, Walter W., Company, assignee : See—**
 Godshall, Nicholas G.
- Moyle, Leigh L. 2,697,275, Cl. 30—16.**
- Moynihan, Kathryn M. 2,677,834, Cl. 5—336.**
- Moyroud, Louis : See—**
 Higonnet, Rene, and Moyroud. 2,678,713.
 Higonnet, René A., and Moyroud. 2,682,814.
 Higonnet, René, Moyroud. 2,690,249.
- Mrozowski, Stanislaw, to Great Lakes Carbon Corp. 2,682,686, Cl. 18—47.5.**
- Mucher, George J., assignor to Clarostat Mfg. Co., Inc. 2,676,226, Cl. 201—48.**
- Muckenfuss, Charles, Lakewood, Ohio. Pipe-cutting device. 2,666,983, Jan. 26.**
- Muckler, Frank, assignor to Southern Equipment Company. 2,679,841, Cl. 126—33.**
- Mudd, Harry A., assignor to McQuay-Norris Manufacturing Company. 2,676,293, Cl. 318—258.**
- Muddiman, Earl R., assignor to United States Steel Corporation. 2,679,363, Cl. 242—79.**
- Mudersbach, Ernst H., assignor, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. 2,674,898, Cl. 74—399.**
- Mudersbach, Ernst H., to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. 2,681,209, Cl. 257—6.**
- Muecke, Edward, to The Singer Mfg. Co. 2,696,179, Cl. 112—209.**
- Mueller, Albert A. 2,683,936, Cl. 33—180.**
- Mueller, Alfred C., Chadds Ford, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Cooling vaporous materials. 2,668,424, Feb. 9.**
- Mueller Brass Company, assignee : See—**
 Gray, Robert A., Jr.
- Mueller, C. F., Company, assignee : See—**
 Autenrieth, Ferdinand. 2,676,693.
 Autenrieth, Ferdinand, and Riedl. 2,675,120.
- Mueller, Carl H. : See—**
 Klein, Victor G., and Mueller. 2,686,476.
- Mueller, Cecelia H., assignee : See—**
 Mueller, Moritz L. 2,678,811.
- Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company. 2,679,814, Cl. 112—177.**
- Mueller Co. : See—**
 Gould, Wallace E. 2,693,815.
 Mueller, Frank H. 2,685,461.
 Mueller, Frank H., and Bowan. 2,691,384.
 Mueller, Frank H., and Smith. 2,696,966.
 Mueller, Robert H., and Cline. 2,677,561.

- Mueller, Emil G., Churchill Borough, assignor to The American Brake Company, Swissvale, Pa. Brake mechanism. 2,665,778, Jan. 12.
- Mueller, Ernest O., assignee: *See*—
König, Franz.
- Mueller, Ervin H., Grosse Pointe, Mich. Gas controlling valve. 2,667,325, Jan. 26.
- Mueller, Ervin H. 2,675,207, Cl. 251—288.
- Mueller, Ervin H. 2,682,920, Cl. 158—115.
- Mueller, Ervin H. 2,682,921, Cl. 158—115.
- Mueller, Ervin H. 2,683,465, Cl. 137—625.32.
- Mueller, Frank H., to Mueller Co. 2,685,461, Cl. 285—124.
- Mueller, Frank H., and W. J. Bowan, to Mueller Co. 2,691,384, Cl. 137—366.
- Mueller, Frank H., and J. J. Smith, to Mueller Co. 2,696,966, Cl. 251—167.
- Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Furo-quinoxalines and thienoquinoxalines as catalysts in dye bleach baths for color photography. 2,669,517, Feb. 16.
- Mueller, Henriette, assignee: *See*—
Fröhlich, Johann.
- Mueller, Herman G. 2,677,966, Cl. 74—55.
- Mueller, Herman H., assignor of five and fifty-eight hundredths per cent to G. L. Bowman, fourteen per cent to S. A. Radzay, Ephrata, Pa., fourteen per cent to H. Seidenberg, Malverne, N. Y., two and ninety-two hundredths per cent to J. L. Bowman, Denver, seven per cent to W. H. Brown, Lancaster, three and twenty-five hundredths per cent to C. E. Miller, Ephrata, and three and twenty-five hundredths per cent to L. H. Kurtz, Lancaster, Pa. Phonograph record disk safety and interlocking storage album. 2,670,261, Feb. 23.
- Mueller, Moritz L., assignor, by mesne assignments, to himself and C. H. Mueller. 2,678,811, Cl. 263—19.
- Mueller, Otto, Dearborn, Mich. Hydraulic fluid control panel. 2,669,841, Feb. 23.
- Mueller, Otto. 2,676,037, Cl. 285—55.
- Mueller, Otto. 2,679,377, Cl. 251—175.
- Mueller, Paul G. 2,698,292, Cl. 210—24.
- Mueller, Paul J.: *See*—
Gauci, Joseph, and Mueller.
- Mueller, Robert H.: *See*—
Sweetser, Sumner B., and Mueller.
- Mueller, Robert H., and E. E. Cline, assignors to Mueller Co. 2,677,561, Cl. 286—7.
- Mueller, V., & Co.: *See*—
Preiss, Willy. 2,689,080.
- Mueller, William A., to Warner Bros. Pictures, Inc. 2,685,224, Cl. 88—16.2.
- Mueller, William G., to Marathon Corp. 2,690,206, Cl. 154—1.
- Mueller, William G., F. H. Cherepow, A. Barts, Jr., and K. Klause, to Marathon Corp. 2,692,074, Cl. 226—56.
- Muench, Carl G., to The Celotex Corp. 2,694,648, Cl. 117—44.
- Muffy, Glenn, Springfield, Ohio. Ice-making and refrigerating system. 2,672,016, Mar. 16.
- Muffy, Glenn, Springfield, Ohio. Ice-making and refrigerating system. 2,672,017, Mar. 16.
- Muffy, Glenn. 2,695,502, Cl. 62—4.
- Mufich, John W.: *See*—
Ross, Howard S. 2,685,640.
- Mufich, Marilyn S.: *See*—
Ross, Howard S. 2,685,640.
- Mufich, Sharon L.: *See*—
Ross, Howard S. 2,685,640.
- Mufich, Shirley A.: *See*—
Ross, Howard S. 2,685,640.
- Mufich, Stephen M.: *See*—
Ross, Howard S. 2,685,640.
- Mugavero, Vincent A. 2,696,254, Cl. 164—61.
- Mugler, Herman A. 2,688,483, Cl. 272—33.
- Mugnier, Alston D. 2,683,969, Cl. 61—21.
- Muhlberg, Kurt F. A., to Westinghouse Electric Corp. 2,690,293, Cl. 230—47.
- Mühlner, Egon. 2,692,500, Cl. 73—250.
- Muir, Robert D., and A. B. Hatch, to Bristol Laboratories Inc. 2,682,493, Cl. 195—80.
- Muirhead & Co. Ltd.: *See*—
Bell, John, and Cannon.
- Muirhead & Co. Ltd.: *See*—
Cannon, Frank H., and Kirchel.
- Muirhead & Co. Ltd.: *See*—
Phillips, Eric T. A., and Needham. 2,686,874.
- Mulza, Andrejs, of 1/4 to H. L. Trautman and E. E. Litkenhous. 2,682,110, Cl. 33—168.
- Mulcahy, Harry W., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway draft riggings. 2,667,277, Jan. 26.
- Mulder, Lambert J.: *See*—
Lubberts, John J., and Mulder. 2,688,528.
- Muldoon, William J., and A. L. Thurston, assignors to Cox and Stevens Aircraft Corporation. 2,678,206, Cl. 265—5.
- Mulford, Hewett P., & Company, assignee: *See*—
Mulford, Marion R.
- Mulford, Marion R., assignor to Hewett P. Mulford & Company, Lebanon, Ohio. Plant package. 2,664,670, Jan. 5.
- Mulhall, Harold: *See*—
Flanagan, Bernard J., and Mulhall. 2,697,928.
- Mulholland, Ramon A., Hammond, Ind., and B. S. Friedman, Chicago, Ill., assignors, by mesne assignments, to Sinclair Oil and Gas Company, Tulsa, Okla. Petroleum production process. 2,669,307, Feb. 16.
- Mulhauser, George C., Jr. 2,683,554, Cl. 221—152.
- Mulkay, Anibal E. 2,696,890, Cl. 180—78.
- Mullan, Daniel, to Westinghouse Electric Corp. 2,685,762, Cl. 49—2.
- Mullan, Harry D., Wauwatosa, Wis. Ground gripping attachment. 2,669,274, Feb. 16.
- Mullaney, Frank C., and J. L. Hill, assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,679,617, Cl. 315—129.
- Mullaney, Ralph A., Elmwood Park, Ill., assignor to Zenith Radio Corporation. Change-cycle initiating mechanism for automatic phonographs. 2,668,058, Feb. 2.
- Mullaney, Ralph A., and O. E. Wagenknecht, to Zenith Radio Corp. 2,698,182, Cl. 274—10.
- Mullen, Edward, and R. Harris, assignors to Mechanical Handling Systems, Inc., Detroit, Mich. Load carrier for use in overhead trolley conveyor systems. 2,664,993, Jan. 5.
- Mullen, Edward, and P. Klamp, to Mechanical Handling Systems, Inc. 2,689,036, Cl. 198—170.
- Mullen, Leo V., Jr., Clifton, and J. M. Boyle, Bayonne, N. J., assignors to Standard Oil Development Company. Corrosion preventing agent. 2,666,745, Jan. 19.
- Mullen, Thomas W., Evansville, Ind. Dispenser of rodenticides. 2,664,663, Jan. 5.
- Mullen, Thomas W. 2,690,028, Cl. 43—131.
- Mullen, Thomas W., and T. W. Mullen, Jr. 2,690,029, Cl. 43—131.
- Mullen, Thomas W., Jr.: *See*—
Mullen, Thomas W., and T. W. Mullen, Jr. 2,690,029.
- Mullen, William G., to A. B. Dick Co. 2,693,145, Cl. 101—149.2.
- Mullen, William T. 2,695,854, Cl. 154—51.
- Muller, Albert, to Air Reduction Co., Inc. 2,681,402, Cl. 219—10.
- Muller, Albert, to Air Reduction Co., Inc. 2,694,763, Cl. 219—10.
- Muller, Albert, to Air Reduction Co., Inc. 2,694,764, Cl. 219—10.
- Muller, Donald L.: *See*—
Muller, Robert A. 2,681,681.
- Muller, Ernst F., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Variable volume hydraulic motor with pressure responsive volume control. 2,667,862, Feb. 2.
- Müller, Erwin, S. Petersen, and F. Löblein, to Farbenfabriken Bayer Aktiengesellschaft. 2,683,696, Cl. 260—2.5.
- Müller, Eugen L.: *See*—
Lucien, René, and Müller.
- Müller, Eugen L., deceased, to E. S. Müller-Meyer; E. S. Müller-Meyer, executrix. 2,685,254, Cl. 103—2.
- Müller, Fritz, Berlin-Marienfelde, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt and Erlangen, Germany. Reciprocating tappet device of variable tappet length. 2,667,079, Jan. 26.
- Muller, Gerhard W. 2,680,508, Cl. 197—126.
- Müller, Hans. 2,681,798, Cl. 259—27.
- Müller, Hans F., to Institut International Financier of Eschen. 2,683,706, Cl. 260—124.
- Müller, Heinrich, Nurnberg, Germany. Remotely-controllable toy vehicle. 2,667,721, Feb. 2.
- Müller, Heinrich. 2,697,305, Cl. 46—206.
- Müller, Heinrich. 2,697,306, Cl. 46—206.
- Müller, Helmut, Brilon-Wald, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt am Main, Germany. Purification of acetylene. 2,673,885, Mar. 30.
- Muller, Jacques. 2,675,920, Cl. 210—169.
- Müller, Josef: *See*—
Nallinger, Friedrich K. H., and Müller.
- Müller, Josef, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
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Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—499.
- Muller, Joseph: *See*—
Nallinger, Friedrich K. H., and Müller. 2,692,770.
- Müller, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Frame for motor vehicles. 2,668,722, Feb. 9.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. 2,688,260, Cl. 74—

- Müller, Theodor: *See*—
Widmer, Leo P., and Müller. 2,684,630.
- Müller, Theodor, assignor to Schweizerische Lokomotiv- und Maschinenfabrik. 2,679,210, Cl. 103—161.
- Müller, Theodore, assignor to Schweizerische Lokomotiv- und Maschinenfabrik. 2,675,763, Cl. 103—161.
- Müller, Werner, and C. Berres, to Farbenfabriken Bayer Aktiengesellschaft. 2,695,289, Cl. 260—240.
- Müller, Wilhelm: *See*—
Moschel, Wilhelm, and Müller. 2,690,423.
- Müller, Wilhelm, to Telefonbau und Normalzeit Gesellschaft mit beschränkter Haftung. 2,683,413, Cl. 101—235.
- Müller, Wilhelm, Leverkusen, and H. Kircher, Köln, assignors to Farbenfabriken Bayer Aktiengesellschaft, Leverkusen, Germany. Production of a manganese dioxide for use as depolarizer in dry cells. 2,667,405, Jan. 26.
- Müller, Willy, and H. Labhart. 2,692,915, Cl. 179—6.
- Mulligan, James H., Jr., United States Navy, East Orange, N. J., assignor to the United States of America as represented by the Secretary of the Navy. System for suppressing unwanted recognition signals. 2,672,607, Mar. 16.
- Mulligan, John W., and O. T. Evans, to Metropolitan-Vickers Electrical Co. Ltd. 2,689,023, Cl. 187—29.
- Mulligan, Rex P., assignor to Texaco Development Corporation. 2,676,147, Cl. 252—8.5.
- Mulligan, Robert J., to Johnson & Johnson. 2,695,124, Cl. 226—81.
- Mullin, Clayton D., to The Microtone Co., Inc. 2,692,305, Cl. 179—107.
- Mullin, John T.: *See*—
Johnson, Wayne. 2,694,748.
Johnson, Wayne. 2,695,331.
- Mullin, John T., Los Angeles, Calif. Frequency compensation method and apparatus. 2,668,283, Feb. 2.
- Mullin, Lloyd C. 2,689,744, Cl. 280—32.6.
- Mullinix, Charles D. 2,679,349, Cl. 229—40.
- Mullins, Edward J., Los Angeles, Calif., assignor to A. H. Bakke, Evanston, Ill. Oil well pump. 2,669,190, Feb. 16.
- Mullins Mfg. Corp.: *See*—
Myer, Charles O. 2,693,027.
Stanitz, Jacques.
Stanitz, Jacques. 2,675,938.
Stanitz, Jacques, Ullman, and Habe. 2,692,602.
Stanitz, Jacques, Ullman, and Habe. 2,692,605.
- Mullins, Walter M. 2,682,851, Cl. 114—221.
- Mullins, William D., Jr., and R. E. Smith, assignors to North American Aviation, Inc. 2,677,963, Cl. 73—182.
- Mulnix, Ersel C., Lake Bluff, Ill. Carton. 2,666,566, Jan. 19.
- Mulon, Jean. 2,698,198, Cl. 294—69.
- Mulqueeny, Thomas J., to Olin Mathieson Chemical Corp. 2,695,562, Cl. 102—28.
- Mulqueeny, Thomas J., to Olin Mathieson Chemical Corp. 2,695,563, Cl. 102—28.
- Multibiotics Corporation of America, assignee: *See*—
Cusumano, Frank R. 2,680,701.
- Multiple Products Corp.: *See*—
Shepard, Hayden W., and Davis. 2,686,340.
- Multiplex Development Corp.: *See*—
Halstead, William S. 2,696,611.
Halstead, William S. 2,697,745.
- Multi-Products Co.: *See*—
Undy, Gustav E. 2,697,823.
- Mulvan, Harry A., Berkeley, Calif. Bleaching process. 2,668,772, Feb. 9.
- Mulvany, Harry A., M. J. Kofoid, and E. H. Schoolcraft, to Northwest Nut Growers. 2,685,312, Cl. 146—8.
- Mulvanv, Paul K., assignor to California Research Corporation. 2,680,123, Cl. 260—429.
- Mulvanv, Paul K., to California Research Corp. 2,689,220, Cl. 252—32.7.
- Mumberg, Fritz H., Philadelphia, Pa., assignor to Precision Thermometer and Instrument Company. Adjustable differential thermometer. 2,673,466, Mar. 30.
- Mumberg, Fritz H. 2,680,792, Cl. 200—141.
- Mumford, William W., Shrewsbury Township, Monmouth County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-frequency amplifying device. 2,673,900, Mar. 30.
- Mummert, John F., to Chicago Bridge & Iron Co. 2,683,550, Cl. 220—1.
- Munck, Leslie S.: *See*—
Salmon, Reginald D., Munck, and Turner.
- Munday, Charles W., London, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Apparatus for measuring the magnetic susceptibility of gases. 2,666,893, Jan. 19.
- Munday, John C., Cranford, N. J., assignor to Standard Oil Development Company. Handling finely divided solids. 2,667,448, Jan. 26.
- Munday, John C., Cranford, and D. T. Rogers, Summit, N. J., assignors to Standard Oil Development Company. Lubricating oil composition. 2,666,746, Jan. 19.
- Mundel, Cornelius A. 2,677,188, Cl. 33—167.
- Mundo, Louis J. 2,677,142, Cl. 15—230.
- Mundt, Mera R., D. J. Finkenbinder, B. L. Ninemire, and F. E. Heighway. 2,696,873, Cl. 155—188.
- Mundy, William J., assignor to C. T. Small Manufacturing Company, St. Louis, Mo. Feeding device for caps and the like. 2,665,005, Jan. 5.
- Mungen, Richard: *See*—
Hujtsak, Karol L., and Mungen.
- Munising Paper Company, The, assignee: *See*—
Trilllich, Bertrma L. 2,676,897.
- Münker, Theo. 2,676,008, Cl. 263—52.
- Munn, John E., Bellevue, Pa. Conversion of metals into metal oxides and hydroxides. 2,670,273, Feb. 23.
- Munro, George R., and W. C. Dilg, to Waugh Equipment Co. 2,693,953, Cl. 267—1.
- Munro, Walter J. 2,680,849, Cl. 2—69.5.
- Munro, Wendell P.: *See*—
Gadea, Ramon A., and Munro. 2,691,020.
Joyce, Asa M., and Munro. 2,691,018.
- Munro, Wendell P., W. B. Hardy, and A. W. Joyce, to American Cyanamid Co. 2,691,019, Cl. 260—248.
- Munroe, Alexander J.: *See*—
Johnson, William E., and Munroe. 2,674,652.
- Munroe Auto Equipment Company, assignee: *See*—
Smith, Charles J. 2,676,663.
- Munroe, David J., assignor to Webster Electric Company, Racine, Wis. Filtering apparatus. 2,668,623, Feb. 9.
- Munroe, David J., assignor to Webster Electric Company, Racine, Wis. Transducer. 2,668,878, Feb. 9.
- Munroe, David J., to Webster Electric Co. 2,688,663, Cl. 179—100.2.
- Munroe, David J., to Webster Electric Co. 2,689,737, Cl. 274—37.
- Munroe, Philemon, New Bedford, Mass., assignor to Hoosac Mills Corporation. Loom stopping means. 2,672,167, Mar. 16.
- Munschak, Uscher. 2,687,468, Cl. 219—20.
- Munsell, Charles D.: *See*—
Gorman, John P., and Munsell. 2,676,044.
- Munsingwear, Inc.: *See*—
Rutledge, George E. 2,684,482.
Rutledge, George E. 2,687,525.
- Munson, Horace J. 2,678,505, Cl. 35—17.
- Munson, Whitney K., assignee: *See*—
Schulz, Fred R. 2,675,636.
- Munson, Whitney K. 2,674,977, Cl. 118—264.
- Murata, Ichiro, Tokyo, Japan. Instrument for measuring dip and orientation of deep wells. 2,670,547, Mar. 2.
- Murayama, Fumiko: *See*—
Pentler, Charles F., and Murayama. 2,677,217.
- Muraszew, Alexander, to C. A. V. Ltd. 2,696,809, Cl. 123—140.
- Murchison, Blackwell K. 2,683,385, Cl. 76—86.
- Murdock, Clayton E.: *See*—
Eitel, William W., McCullough, Sorg, Murdock, and Williams. 2,688,707.
Eitel, William W., McCullough, Sorg, and Murdock. 2,693,545.
Eitel, William W., McCullough, Sorg, Murdock, and Williams. 2,697,796.
- Murdock, Colin D.: *See*—
Carr, Harry. 2,690,862.
- Murdock, Joseph K., Cincinnati, and E. Le Roy, St. Bernard, assignors to The Murdock Mfg. & Supply Company, Cincinnati, Ohio. Sanitary drinking fountain and valve therefor. 2,667,889, Feb. 2.
- Murdock Mfg. & Supply Company, The, assignee: *See*—
Murdock, Joseph K., and Le Roy.
- Murdock, Thomas B., to The United States of America as represented by the Secretary of the Air Force. 2,694,457, Cl. 170—135.4.
- Murex Limited, assignee: *See*—
Andrews, Leonard W.
- Murfay, Teddy T. 2,685,695, Cl. 9—2.
- Murfee, Latimer, assignee: *See*—
Barnett, Frederick W.
- Murnaham, Frank T.: *See*—
Slaughter, Bernard J., Jr., and Murnaham. 2,691,807.
- Muros, Joseph, Newtonville, Mass., assignor to The Gillette Company. Blade dispensing package. 2,670,841, Mar. 2.
- Muros, Joseph, and L. V. Nigro, to The Gillette Co. 2,694,856, Cl. 30—40.
- Murphey, William. 2,696,055, Cl. 34—157.
- Murphree, Eger V., assignor to Standard Oil Development Company. 2,674,612, Cl. 260—451.
- Murphree, Eger V., to the United States of America as represented by the United States Atomic Energy Commission. 2,689,782, Cl. 23—204.
- Murphy Automatic Pinsetter Company, Inc., assignee: *See*—
Anderson, Frank W.
- Murphy, Bernard J., to Allis-Chalmers Mfg. Co. 2,685,464, Cl. 286—11.
- Murphy, Emanuel, Logansport, Ind. Water trough. 2,672,125, Mar. 16.
- Murphy, Frank W. 2,680,168, Cl. 200—83.
- Murphy, George D., to Kennametal Inc. 2,680,897, Cl. 29—96.
- Murphy, Harold G.: *See*—
Collins, James W., and Murphy. 2,677,764.
- Murphy, Howard J., Lynnfield, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening device. 2,673,382, Mar. 30.
- Murphy, Howard J., assignor to United-Carr Fastener Corporation. 2,678,075, Cl. 151—41.74.
- Murphy, Howard J., to United-Carr Fastener Corp. 2,686,548, Cl. 151—41.75.
- Murphy, James. 2,694,822, Cl. 15—104.3.
- Murphy, Joe M. 2,680,339, Cl. 56—25.4.

- Murphy, John F.: *See*—
Holmes, Roland A., Murphy, and Werkheiser. 2,681,900.
- Murphy, John H., and W. R. Anderson, Detroit, Mich. Fishing lure. 2,673,417, Mar. 30.
- Murphy, John M., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Two-temperature refrigerator having special air directing baffle. 2,672,026, Mar. 16.
- Murphy, Joseph E., and M. Schnall, assignors to See-Qua! Package Corp. 2,680,513, Cl. 206—45.33.
- Murphy, Owen K. 2,674,994, Cl. 128—36.
- Murphy, Owen K. 2,687,717, Cl. 128—33.
- Murphy, Robert D.: *See*—
Trier, Raymond T., Janson, and Murphy. 2,696,899.
- Murray, Alan E., New York, N. Y. Making shoes for normal wear. 2,668,304, Feb. 9.
- Murray, Alexander R., Jr., deceased; R. I. Murray, executrix. 2,685,432, Cl. 256—22.
- Murray, Charles H., Scott City, and D. E. Breithaupt, Modoc, Kans. Cattle and hog insecticide applicator. 2,667,859, Feb. 2.
- Murray Company of Texas, Inc., The, assignee: *See*—
Day, Dewey D.
- Murray Corporation of America, The, assignee: *See*—
Wolofski, Nicholas.
- Murray, D. J., Mfg. Co.: *See*—
Durkee, Clarence L. 2,696,557.
Miller, Clarence W. 2,697,563.
- Murray, Edward G. 2,692,644, Cl. 158—118.
- Murray, Ernest B. 2,691,446, Cl. 210—196.
- Murray, George, Eureka, Calif. Condiment distributor. 2,666,554, Jan. 19.
- Murray, George H., and P. R. Smith, to D. Napier & Son Ltd. 2,692,132, Cl. 264—14.
- Murray, Guy E.: *See*—
Gray, Alvin N., and Murray. 2,686,859.
- Murray, Guy E., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Electroplating copper on metal articles. 2,667,453, Jan. 26.
- Murray, Herbert C., and D. H. Peterson, assignors to The Upjohn Company, Kalamazoo, Mich. 11 α -hydroxyprogesterone and esters thereof. 2,666,070, Jan. 12.
- Murray, Herbert C., Hickory Corners, and D. H. Peterson, assignors to The Upjohn Company, Kalamazoo, Mich. 11 α -hydroxy-17 α -progesterone and esters thereof. 2,666,071, Jan. 12.
- Murray, Herbert C., Hickory Corners, and D. H. Peterson, assignors to The Upjohn Company, Kalamazoo, Mich. 6 beta, 17 alpha-dihydroxy-4-pregnene-3,20-dione and esters thereof. 2,670,357, Feb. 23.
- Murray, Herbert C., Hickory Corners, and D. H. Peterson, assignors to The Upjohn Company, Kalamazoo, Mich. 14 alpha-hydroxyprogesterone. 2,670,358, Feb. 23.
- Murray, Herbert C., Hickory Corners, and D. H. Peterson, assignors to The Upjohn Company, Kalamazoo, Mich. 6 β ,17 α ,21-trihydroxy-4-pregnene-3,20-dione and esters thereof. 2,671,096, Mar. 2.
- Murray, Herbert C., Hickory Corners, and D. H. Peterson, assignors to The Upjohn Company, Kalamazoo, Mich. 6 β ,11 α -dihydroxyprogesterone and esters thereof. 2,672,466, Mar. 16.
- Murray, Herbert C., Hickory Corners, and D. H. Peterson, assignors to The Upjohn Company, Kalamazoo, Mich. 14 α ,17 α ,21-trihydroxy-4-pregnene-3,20-dione and esters thereof. 2,673,866, Mar. 30.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 2,683,725, Cl. 260—397.4.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 2,686,791, Cl. 260—397.4.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 2,686,792, Cl. 260—397.45.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 2,691,030, Cl. 260—397.45.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 2,691,031, Cl. 260—397.45.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 2,692,273, Cl. 260—397.4.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 2,695,260, Cl. 195—51.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 2,695,907, Cl. 260—397.45.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 2,697,110, Cl. 260—397.45.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 2,698,331, Cl. 260—397.45.
- Murray, John F.: *See*—
Thoren, Theodore R., and Murray. 2,688,925.
- Murray, Leo M.: *See*—
Parker, Allen J., and Murray. 2,694,399.
- Murray, Margaret H., to Printing Developments, Inc. 2,687,345, Cl. 41—42.
- Murray, Maurice A.: *See*—
Thurnauer, Hans, and Murray.
- Murray, Maurice J., and V. Haensel, to Universal Oil Products Co. 2,689,208, Cl. 196—50.
- Murray, Maurice J., and V. Haensel, to Universal Oil Products Co. 2,697,681, Cl. 196—14.11.
- Murray, Michael F., and F. J. Berger, assignors of thirty percent to G. W. Pierce, Eugene, Oreg. Safety switch for the electrical circuits of vehicles. 2,671,831, Mar. 9.
- Murray, Ned, Waupaca, Wis. Scale type hopper truck. 2,673,729, Mar. 30.
- Murray, Ronald O. 2,694,439, Cl. 155—81.
- Murray, Rose L., executrix: *See*—
Murray, Alexander R., Jr. 2,685,432.
- Murray, Stanley E., to The B. F. Goodrich Co. 2,691,335, Cl. 97—56.
- Murray, Victor E. 2,686,437, Cl. 74—701.
- Murrow, Richard B.: *See*—
Shull, George O., and Murrow.
- Murtagh, John. 2,696,348, Cl. 235—61.
- Murtaugh, Joseph P.: *See*—
Daniels, Arthur W., and Murtaugh. 2,674,816.
Daniels, Arthur W., and Murtaugh. 2,689,419.
- Murtaugh, Justin J.: *See*—
Wachtel, Jacques L., Croley, and Murtaugh. 2,684,361.
Wachtel, Jacques L., Croley, and Murtaugh. 2,684,362.
Wachtel, Jacques L., Croley, and Murtaugh. 2,684,363.
- Musat, George, and W. E. Duerlinger; said Musat assignor to The Babcock & Wilcox Co., and said Duerlinger assignor to Bailey Meter Co. 2,689,000, Cl. 158—28.
- Muschamp, Harold L.: *See*—
Grady, John R., and Muschamp. 2,682,377.
Grady, John R., and Muschamp. 2,682,377.
- Muschamp, Harold L., and J. R. Grady; said Grady assor. to said Muschamp. 2,681,183, Cl. 242—27.
- Muschamp, Norman J., and F. Cowlshaw. 2,690,904, Cl. 262—33.
- Mushrush, James C. 2,697,629, Cl. 294—87.28.
- Muscant, Louis: *See*—
Zar, Jacob L., and Muscant. 2,674,636.
- Musikant, Solomon, to Vibradamp Corp. 2,689,122, Cl. 267—1.
- Musik-Haus "Wohlrab" G. m. b. H., assignee: *See*—
Wohlrab, Curt, Jr.
- Musil, Josef, assignor to Maschinenfabrik Held Aktien-gesellschaft, Vienna, Austria. Apparatus for the selection of seeds or similar material. 2,669,353, Feb. 16.
- Musilli, Louis C. 2,675,137, Cl. 214—512.
- Musk, Henry A., and J. G. Hammond, to Westinghouse Electric Corp. 2,689,941, Cl. 332—28.
- Muskat, Morris, F. W. Parker, and W. L. Kehl, to Gulf Research & Development Co. 2,684,030, Cl. 102—20.
- Muskegon Piston Ring Co.: *See*—
Hamm, Douglas W. 2,676,076.
Hamm, Douglas W. 2,680,045.
Hamm, Douglas W. 2,694,608.
- Musselman, C. H., Company, The, assignee: *See*—
Smith, Horace L., Jr., and Northam.
- Musselman, Glenn H., to the United States of America as represented by the Secretary of the Navy. 2,690,557, Cl. 343—103.
- Musselman, John M., and R. E. Knowlton, to The Standard Oil Co. 2,698,296, Cl. 252—32.7.
- Musser, C. Walton, to Prismatic, Inc. 2,690,736, Cl. 120—14.5.
- Musser, C. Walton, Philadelphia, Pa., and N. K. Turnbull, Pitman, N. J., assignors to the United States of America as represented by the Secretary of the Army. Hermetically sealed explosive cartridge. 2,667,837, Feb. 2.
- Musser, C. Walton, and G. P. Bishop, to the United States of America as represented by the Secretary of the Army. 2,693,645, Cl. 33—174.
- Musser, Clarence W., to the United States of America as represented by the Secretary of War. 2,696,760, Cl. 89—1.7.
- Musser, David M., to Onyx Oil & Chemical Co. 2,681,342, Cl. 260—297.
- Musser, George C., to I. W. Johnson. 2,694,420, Cl. 143—37.
- Musser, Malcolm E.: *See*—
Boblit, Harry, Sr., Musser, Boblit, Jr., and R. E. Boblit. 2,688,482.
- Mustard, James A.: *See*—
Zodtner, Harlan H., and Mustard. 2,681,041.
- Mustee, Bernard E., Cleveland, Ohio, assignor to E. L. Mustee & Sons, Inc. Laundry fluid distribution system. 2,672,152, Mar. 16.
- Mustee, Bernard E., Cleveland, Ohio. Laundry tub assembly. 2,672,255, Mar. 16.
- Mustee, E. L., & Sons, Inc., assignee: *See*—
Mustee, Bernard E.
- Mutafis, Thomas D., North Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Producing phthalocyanine pigments. 2,669,569, Feb. 16.
- Muth, Elizabeth, executrix: *See*—
Muth, John, Sr., and Clarry. 2,689,378.
- Muth, John, Sr., deceased (by E. Muth, executrix), and W. G. Clarry. 2,689,378, Cl. 18—47.5.
- Muth, Michael J.: *See*—
Emlg, Fred J., and Muth.
- Muth, Otto, assignor to E. Wille. 2,679,777, Cl. 81—52.5.
- Muther, Adolf, Zurich, Switzerland. Parachute with delayed landing-speed. 2,665,863, Jan. 12.
- Mutti, Louis M. 2,675,851, Cl. 154—1.
- Mutti, Robert G. 2,683,462, Cl. 137—118.
- Mutual Corp.: *See*—
Hild, Mark W., Jr. 2,693,327.
- Mycalex Company Limited, The, assignee: *See*—
Kilpatrick, James S.
- Myer, Charles O., to Mullins Mfg. Corp. 2,693,027, Cl. 29—446.

- Myer, Ira, Ephrata, Pa. Automatic row cultivator. 2,664,802, Jan. 5.
- Myers, Albert F., Berkley, assignor, by mesne assignments, to Patent Developers, Inc., Detroit, Mich. Transfer case differential mechanism. 2,667,087, Jan. 26.
- Myers, Albert F., Berkley, assignor, by mesne assignments, to Patent Developers, Inc., Detroit, Mich. Transfer case differential mechanism. 2,667,088, Jan. 26.
- Myers, Carmel. 2,676,243, Cl. 240—1.3.
- Myers, Charles W. 2,692,452, Cl. 43—56.
- Myers, Clarence E., Cuyahoga Falls, assignor to Summit Steel Products, Inc., Akron, Ohio. Adjustable post. 2,665,104, Jan. 5.
- Myers, Daniel F., to The General Tire and Rubber Co. 2,689,610, Cl. 164—48.
- Myers, Donald R.: See—
- Weisblat, David I., Magerlein, Myers, and Rolfson. 2,697,719.
- Weisblat, David I., Magerlein, Myers, Hanze, and Rolfson.
- Myers, Donald R., B. J. Magerlein, and G. W. Staffen, assignors to The Upjohn Company. 2,678,950, Cl. 260—615.
- Myers, F. E., & Bro. Co., The: See—
- Conery, William J. 2,691,346.
- Spreng, Warren M. 2,685,476.
- Myers, Felix E., Haddon Heights, N. J., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Multipole circuit breaker. 2,668,205, Feb. 2.
- Myers, George D., to Houdry Process Corp. 2,694,036, Cl. 196—52.
- Myers, George F. 2,678,783, Cl. 244—7.
- Myers, George L., Hanover County, Va. Churn. 2,671,649, Mar. 9.
- Myers, Harold C., assignor to Socony-Vacuum Oil Company, Incorporated. 2,674,565, Cl. 196—18.
- Myers, Hubert A., and A. L. Quinlan, to Western Electric Co., Inc. 2,696,545, Cl. 219—4.
- Myers, Isaac M.: See—
- Rand, Gustave, and Myers. 2,685,089.
- Myers, John P., and W. M. Porter, to Brite-Lite Corp. of America. 2,695,379, Cl. 317—157.
- Myers, L. O., Corp.: See—
- Myers, Leon O. 2,696,406.
- Myers, Leon O., to L. O. Myers Corp. 2,696,406, Cl. 299—78.
- Myers, Leslie C. 2,682,673, Cl. 5—339.
- Myers, Noel W., to A. E. Staley Mfg. Co. 2,686,190, Cl. 260—403.
- Myers, Oscar: See—
- Gent, Edgar W., and Myers.
- Myers, Philip E., to Warner Electric Brake & Clutch Co. 2,684,744, Cl. 192—113.
- Myers, Raymond L., to The Wright Line, Inc. 2,684,715, Cl. 164—50.
- Myers, Richard A.: See—
- McConnell, Donald G., and Myers. 2,691,092.
- Myers, Richard J.: See—
- Newcomb, Howard L., Werner, Myers, and Laetari.
- Myers, Robert R., Jr. 2,685,129, Cl. 29—505.
- Myers, Roy W., Uhrichsville, Ohio. Connected upper and lower dentures. 2,666,988, Jan. 26.
- Myers, Thomas G., to U. S. Electrical Motors, Inc. 2,687,907, Cl. 286—11.
- Myers, W. E., to The American Laundry Machinery Co. 2,682,718, Cl. 38—67.
- Myers, Wayne E., to The American Laundry Machinery Co. 2,684,544, Cl. 38—49.
- Myers, William A.: See—
- McMillan, Edwin M., and Myers. 2,694,868.
- Myers, William H., and C. Reynolds, Jr., assignors to Avco Manufacturing Corporation. 2,677,346, Cl. 116—124.1.
- Myhre, Johan, assignor, by mesne assignments, to Collett-Week Corporation. 2,676,136, Cl. 167—81.
- Myler, William M., Jr.: See—
- Trimble, John I., and Myler. 2,674,304.
- Myles, William J.: See—
- Berardinelli, Frank, and Myles. 2,691,565.
- Mylor, Hugh T. 2,684,185, Cl. 222—177.
- Mylting, Lauritz E., assignor to The Allen-Sherman-Hoff Company. 2,679,374, Cl. 249—14.
- Mylting, Lauritz E., to The Allen-Sherman-Hoff Co. 2,693,761, Cl. 103—111.
- Mylting, Lauritz E., to The Allen-Sherman-Hoff Co. 2,693,776, Cl. 110—165.
- Mynar, John, Jr., to General Motors Corp. 2,685,018, Cl. 219—4.
- Myre, Clifford R. 2,673,988, Cl. 5—92.
- Myrold, Albin O.: See—
- Berger, George C., and Myrold. 2,677,550.
- N. V. Amsterdamsche Chininefabriek, assignee: See—
- Veldstra, Haave, and Akkerman.
- N. V. Haagsche Bakkerijmachinefabriek Arnold Kalmeijer: See—
- Kalmeijer, Arnoldus C. J. 2,695,571.
- N. V. Leidsche Duinwater Maatschappij, assignee: See—
- Lindenbergh, Pieter C.
- N. V. Maatschappij Tot Exploiteren van Octrooien en Licenties "Matepa", assignee: See—
- Treckmann, Paul R. T.
- N. V. Nederlandsche Machinefabriek "Artillerie-Inrichtingen": See—
- Schut, John W. 2,688,883.
- N. V. Octrooien Maatschappij "Activit," assignee: See—
- Smit, Pieter.
- N. V. Onderzoekingsinstituut Research: See—
- Boasson, Eduard H., and Voigt. 2,697,854.
- Kessler, Jacob C. F., Boetje, and Kohlwey.
- N. V. Ontwikkelingmaatschappij "Polynorm": See—
- De Wolf, Bernardus. 2,695,083.
- Horowitz, Alexandre, and Stribos.
- N. V. Optische Industrie "de Oude Delft": See—
- Bouwers, Albert. 2,683,816.
- N. V. Provinciaal en Gemeentelijk Utrechts Stroomleveringsbedrijf, assignee: See—
- Mijnlieff, Ary J., van Rietschoten, and Loos.
- Nabenfabrik Alfing Kessler, Kommanditgesellschaft, assignee: See—
- Walther, Hanns. 2,676,499.
- Nachman Corporation, assignee: See—
- Gleason, William W. 2,680,253.
- Nack, Herman, to The Commonwealth Engineering Co. of Ohio. 2,685,535, Cl. 117—93.
- Nack, Herman, and G. L. Deniston, assignors to Chadeloid Corporation. 2,680,103, Cl. 260—33.2.
- Nack, Herman R. T., and W. A. Waldie, to Chadeloid Corp. 2,691,596, Cl. 106—34.
- Nadeau, Gale F., and C. B. Starck, to Eastman Kodak Co. 2,685,511, Cl. 95—8.
- Nadeau, Gale F., and W. R. White, to Eastman Kodak Co. 2,688,155, Cl. 18—15.
- Nadeau, Gale F., C. B. Starck, and C. F. Smith, to Eastman Kodak Co. 2,694,639, Cl. 95—8.
- Nadler, Harry, to Seeger Refrigerator Co. 2,687,625, Cl. 62—117.4.
- Nadler, Martin L., to E. I. du Pont de Nemours & Co. 2,686,807, Cl. 260—567.
- Naegell, Werner, assignor to Actiengesellschaft Joh. Jacob Rieter & Cie. 2,675,585, Cl. 19—131.
- Naegell, Werner, to Actiengesellschaft Joh. Jacob Rieter & Cie. 2,695,428, Cl. 19—131.
- Naegelin, Louis D.: See—
- Galan, Albert C., and Naegelin. 2,681,570.
- Naess, Hallvard, deceased, by H. Naess, administratrix. 2,679,211, Cl. 103—161.
- Naess, Hjordis, administratrix: See—
- Naess, Hallvard. 2,679,211.
- Nagel, George W.: See—
- Jones, Charles H., and Nagel. 2,687,500.
- Merston, Clarence L., and Nagel. 2,680,215.
- Pridmore, Thomas C., and Nagel. 2,680,186.
- Nagel, Lester L., Summit, N. J., assignor to Research Corporation, New York, N. Y. Switch and system. 2,668,249, Feb. 2.
- Nagel, Richard H., to Standard Oil Development Co. 2,697,731, Cl. 260—604.
- Nagely, John L., to Packard Motor Car Co. 2,683,965, Cl. 60—39.28.
- Nager, Urs F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of neomycin. 2,667,441, Jan. 26.
- Nager, Urs F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of prodigiosin. 2,667,492, Jan. 26.
- Nager, Urs F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Prodigiosin gluconate. 2,673,855, Mar. 30.
- Nagin, Harold, to Reliance Steel Products Co. 2,682,292, Cl. 154—1.
- Nagle, Perry I. 2,695,564, Cl. 103—113.
- Nagler, Bruno. 2,688,206, Cl. 46—75.
- Nagler, Bruno, to Nagler Helicopter Co., Inc. 2,689,616, Cl. 170—160.25.
- Nagler Helicopter Co., Inc.: See—
- Nagler, Bruno. 2,689,616.
- Nagy, Daniel E., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Water soluble phenol-formaldehyde-borax condensation product. 2,667,466, Jan. 26.
- Nagy, Daniel E., assignor to American Cyanamid Company. 2,677,675, Cl. 260—45.7.
- Nagy, Edward J.: See—
- Hauser, Arthur A., Nagy, White, and Harris. 2,696,947.
- Nagy, Michael: See—
- Northrop, John K. and J. H., and Nagy. 2,687,304.
- Nagy, Rudolph: See—
- Lilliendahl, William C., Wroughton, Nagy, and Marden. 2,690,421.
- Wollentin, Robert W., and Nagy.
- Nalmer, Hubert: See—
- Bauer, Franz. 2,684,412.
- Nakata, Roy, and S. R. Smith, Jr., to General Electric Co. 2,694,120, Cl. 200—113.
- Naken, M. I., Co.: See—
- Naken, Morris I. 2,694,485.
- Naken, Morris I., to M. I. Naken Co. 2,694,485, Cl. 206—16.
- Nakken, Theodore H. 2,684,885, Cl. 316—1.
- Nalesnyk, Stephen: See—
- Abbondi, Frank B., and Nalesnyk. 2,677,643.
- Nalevanko, Frank V. 2,675,576, Cl. 16—1.
- Nalle, Charles R., Philadelphia, Pa. Threaded article and support therefor. 2,666,334, Jan. 19.
- Nailey's, Inc.: See—
- Krupke, Merton. 2,696,903.

- Nallinger, Friedrich K. H., Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Indicating instrument with dial plate, adapted to be illuminated. 2,664,849, Jan. 5.
- Nallinger, Friedrich K. H., Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Cooling jacket for internal-combustion engines. 2,664,863, Jan. 5.
- Nallinger, Friedrich K. H., assignor to Daimler-Benz Aktiengesellschaft. 2,678,034, Cl. 123—99.
- Nallinger, Friedrich K. H., to Daimler-Benz Aktiengesellschaft. 2,685,212, Cl. 74—492.
- Nallinger, Friedrich K. H., to Daimler-Benz Aktiengesellschaft. 2,686,513, Cl. 123—191.
- Nallinger, Friedrich K. H. 2,687,002, Cl. 58—46.
- Nallinger, Friedrich K. H., to Daimler-Benz Aktiengesellschaft. 2,687,311, Cl. 280—124.
- Nallinger, Friedrich K. H., to Daimler-Benz Aktiengesellschaft. 2,689,015, Cl. 180—73.
- Nallinger, Friedrich K. H., to Daimler-Benz Aktiengesellschaft. 2,690,168, Cl. 123—142.5.
- Nallinger, Friedrich K. H., to Daimler-Benz Aktiengesellschaft. 2,691,489, Cl. 237—12.3.
- Nallinger, Friedrich K. H., to Daimler-Benz Aktiengesellschaft. 2,692,511, Cl. 74—472.
- Nallinger, Friedrich K. H., to Daimler-Benz Aktiengesellschaft. 2,696,203, Cl. 123—179.
- Nallinger, Friedrich K. H., and J. Müller, Stuttgart, assignors to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Axle suspension for vehicles, especially motor vehicles. 2,673,745, Mar. 30.
- Nallinger, Friedrich K. H., and J. Dauben, to Daimler-Benz Aktiengesellschaft. 2,689,014, Cl. 180—64.
- Nallinger, Friedrich K. H., and J. Müller, to Daimler-Benz Aktiengesellschaft. 2,692,770, Cl. 267—20.
- Nalven, Robert M., to Combustion Engineering, Inc. 2,697,421, Cl. 122—7.
- Nampa, Sulo M.: *See—*
Evans, Robert B., and Nampa. 2,685,912.
- Nampa, Sulo M., assignor to Evans Products Company. 2,679,214, Cl. 105—369.
- Nantz, David S.: *See—*
Hulse, Robert E., and Nantz. 2,685,500.
- Napier, D., & Son Ltd.: *See—*
Cafford, Adrian L., and Chamberlin.
Crook, William C. H.
Emerson, Reginald S.
Gilbert, Ronald A. 2,676,496.
Murray, George H., and Smith. 2,692,132.
Ramsay, Frank R. F.
- Napier, Stephen E., and J. Plaskon. 2,680,927, Cl. 43—42.22.
- Naples, Angelo F.: *See—*
Delegard, Carl J., and Nardulli. 2,695,664.
- Nardulli, Michael J.
- Napolin, Seymour: *See—*
Auerbacher, Werner F., and Napolin.
- Napolitano, John P.: *See—*
Orloff, Harold D., and Napolitano. 2,675,409.
- Nappies, Inc.: *See—*
Pierce, Virginia B. 2,694,200.
- Naps, Marguerite, Oakland, Calif. Sealing coffee beans. 2,665,992, Jan. 12.
- Naps, Marguerite, to Shell Development Co. 2,682,515, Cl. 260—18.
- Naragon, Ernest A.: *See—*
Rosenthal, Robert W., and Naragon.
- Narajowski, Wacław, New York, N. Y. Window cleaning mechanism. 2,668,975, Feb. 16.
- Naras Research, Inc., assignee: *See—*
Schwartz, Nathan R. 2,678,381.
Schwartz, Nathan R. 2,684,259.
- Nardone, Romeo M., to J. J. Mascuch. 2,687,789, Cl. 192—02.
- Nardulli, Michael J.: *See—*
Delegard, Carl J., and Nardulli. 2,695,664.
- Nardulli, Michael J., Elmwood Park, Ill., assignor to M. J. Nardulli, A. F. Naples, and P. F. Nardulli, as trustees, and known as Western Engineering Trust. Window sash frame structure. 2,666,508, Jan. 19.
- Nardulli, Michael J., and C. J. Delegard. 2,686,089, Cl. 308—83.
- Nardulli, Peter F.: *See—*
Delegard, Carl J., and Nardulli. 2,695,664.
Nardulli, Michael J.
- Narrace, John M.: *See—*
Jackson, Joyce J., and Narrace. 2,674,721.
- Narvestad, Erling, and E. Jensen, said Narvestad assignor to said Jensen. 2,680,529, Cl. 214—77.
- Nash, Albert E., to Carrick Products Co. 2,691,336, Cl. 98—94.
- Nash, Austin B. and R. B. 2,697,519, Cl. 209—437.
- Nash, David D., executor, assignee: *See—*
Wilson, Frank C. 2,680,287.
- Nash Engineering Co.: *See—*
Adams, Harold E.
Adams, Harold E. 2,693,903.
- Nash, Herbert T., to H. Y. Bassett, O. D. Marcks, and V. D. Hanna. 2,694,187, Cl. 339—14.
- Nash, J. M., Company, assignee: *See—*
McGuire, George E. 2,677,922.
- Nash, John H.: *See—*
Johnson, Charles N., Stephenson, and Nash. 2,679,200.
- Nash, Joseph C., Fairmont, W. Va., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic insert for sealing heads. 2,672,711, Mar. 23.
- Nash-Kelvinator Corp.: *See—*
Doeg, Ralph W.
Kishline, Floyd F., and Volgt. 2,696,388.
Koehler, Raymond V., and Batenburg. 2,693,712.
Philipp, Lawrence A.
Philipp, Lawrence A. 2,675,687.
Philipp, Lawrence A. 2,679,141.
Ulrich, Theodore. 2,694,598.
Wahlberg, Nils E., and Sladky. 2,685,244.
- Nash, Robert B.: *See—*
Nash, Austin B. and R. B. 2,697,519.
- Nashner, Sydney: *See—*
Mackiw, Vladimir N., and Nashner. 2,693,405.
- Nashua Corp.: *See—*
Davis, Austin E.
Polley, Robert W. 2,692,635.
- Nashville Bridge Co.: *See—*
Dyer, Harry B. 2,684,653.
- Naslund, Robert S., Menomonee Falls, Wis. Television gamma test method and apparatus. 2,668,188, Feb. 2.
- Nateco Products Corp.: *See—*
Grohsgal, Alexis C. 2,696,030.
- Natelson, Samuel, assignor to Kopp Scientific, Inc. 2,680,060, Cl. 23—253.
- Natelson, Samuel, to Kopp Scientific, Inc. 2,685,800, Cl. 73—425.4.
- Nathan, Alan H.: *See—*
Hogg, John A., and Nathan. 2,683,724.
Hogg, John A., Nathan, and Lincoln. 2,683,722.
- Nathan, Bessie: *See—*
Kane, James L. 2,696,226.
- Nathan Mfg. Corp.: *See—*
Erikson, Carl F. 2,686,428.
Erikson, Carl F. 2,687,186.
- Nathason, Maynard J.: *See—*
Knapman, Gordon W., and Nathason. 2,684,307.
- National Alarms Corporation, assignee: *See—*
Herbert, Arthur J.
- National Aluminate Corporation, assignee: *See—*
Luvisi, George W.
- National Association of Hosiery Manufacturers, Inc., assignee: *See—*
Hemmerich, Hugo, Sheeler, and Endter. 2,675,703.
- National Automatic Tool Co., Inc.: *See—*
Schafer, Robert A. 2,684,017.
- National Battery Company, assignee: *See—*
Kennedy, Henry A.
- National Biscuit Company, assignee: *See—*
Chappory, Andrew. 2,676,712.
Davidson, Bruce J. 2,674,377.
- National Blank Book Co.: *See—*
Schade, Frank S. 2,680,443.
Schade, Frank S. 2,681,655.
- National Brass Co.: *See—*
Quigley, Herbert, and Young. 2,687,319.
- National Broach & Machine Co.: *See—*
Gates, Thomas S. 2,692,536.
Mentley, Max B. 2,686,993.
Mentley, Max B., and Sigman.
Praeg, Walter S. 2,686,956.
Praeg, Walter S. 2,692,535.
Psenka, Joseph A. 2,683,919.
Psenka, Joseph A., and Anthoney. 2,684,612.
- National Cash Register Co., The: *See—*
Brown, George T., Jr.
Carey, Edward J., and Hearsum. 2,682,995.
Carlson, Carl H., Frieberg, and Larsen.
Carne, Nelson T. 2,681,730.
Christian, Raymond A. 2,686,013.
Christian, Raymond A., Ganger, Crawford, and Johnson.
Christian, Raymond A., and Williams. 2,687,252.
Compton, Justin S. 2,695,245.
Dudis, Charles G., and Denlinger.
Frieberg, Nelson R. 2,675,175.
Frieberg, Nelson R., and Dale. 2,675,960.
Frieberg, Nelson R., and Larsen.
Friesberg, Nelson R., and Larsen. 2,692,726.
Good, Alonzo C., Kaehler, and Doughman. 2,692,660.
Goodbar, Mayo A., Cocup, and Faux. 2,698,139.
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Goodbar, Mayo A., Placke, and Falkner. 2,698,138.
Green, Barrett K. 2,675,332.
Helgeson, Angus G. 2,682,993.
Helgeson, Angus G. 2,696,688.
Hofferberth, Oscar E.
Isborn, Carl L. 2,697,178.
Johnson, James E. 2,696,782.
Loudon, Warren P.
Rench, Carl F.
Rench, Carl F. 2,697,551.
Seeney, George H. 2,694,972.
Shoemaker, Robert J. 2,694,973.
Spurlino, Pascal, Kibler, and Wolf. 2,688,128.
Steinhardt, David W.
Tenoort, Karl H.

- National City Bank, The: *See*—
Kell, Robert M., and Thomas. 2,686,160.
- National Clay Pipe Research Corporation, The, assignee: *See*—
Everhart, John O., Krill, Dine, and Van Der Beck.
- National Container Corp.: *See*—
Vizearrondo, Gilbert, and Rabby. 2,698,125.
- Wilkins, Colbert W. 2,694,619.
- National Cooperatives, Inc.: *See*—
Bender, Lloyd F. 2,697,412.
- National Cylinder Gas Co.: *See*—
Arnold, Melvin R., and Baugh.
Bailey, Alton E. 2,691,665.
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Hickok, Willard H., and Lewis. 2,675,838.
Hopkins, Boyd R., and Hickok. 2,684,432.
Markl, Arthur R. C.
Wilson, Thomas L. 2,684,433.
- National Dairy Research Laboratories, Inc.: *See*—
Brereton, John G., Baldauskis, and Bornor. 2,682,467.
Horton, Ralph, Spiess, and Weaver.
Spless, Newton E., Jr. 2,682,987.
Spiess, Newton E., Jr., and Widdoes.
Spiess, Newton E., Jr., and Widdoes. 2,682,977.
Stimpson, Edwin G.
Stimpson, Edwin G. 2,681,858.
Stimpson, Edwin G. 2,693,440.
Weisberg, Samuel M. 2,687,384.
- National Dispenser Corp., The: *See*—
Jarrett, Jerry, and Berggren. 2,681,752.
- National Distillers Products Corp.: *See*—
Douthitt, Merton H. 2,687,425.
Douthitt, Merton H. 2,687,443.
Frampton, Orville D. 2,682,468.
Hammond, John A. S. 2,691,649.
Hammond, John A. S. 2,691,650.
Hulse, Robert E., and Nantz. 2,685,500.
McNulty, Herbert W., and Killian. 2,687,388.
Vollertsen, Edward P. 2,690,986.
- National Electric Products Corporation, assignee: *See*—
Kennedy, Frank J. 2,675,813.
- National Equipment Corporation, assignee: *See*—
Perkins, George S.
- National Farm Machinery Cooperative, Inc., assignee: *See*—
Harper, Wesley A., Minton, and Orelup.
- National Foam System, Inc.: *See*—
Boerner, Lewis W. 2,695,069.
Perri, Joseph M. 2,697,691.
- National Geographic Society, assignee: *See*—
Bumstead, George N.
- National Gypsum Company, assignee: *See*—
Einhiple, John A. 2,675,841.
Wolfe, Henry J.
- National Heating Products Sales Ltd.: *See*—
Wolosianski, Alexander. 2,686,356.
- National Laboratories Mfg. Corp.: *See*—
Bogert, John J. 2,686,453.
- National Lead Co.: *See*—
Agruss, Bernard, and Finan. 2,674,642.
Armant, David L., and Sigurdson. 2,680,681.
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Cacciotti, Joseph J.
Carroll, Walter P. 2,694,628.
Dahlstrom, Roy, and Bronson.
Dey, George E. 2,694,594.
Doehler, Herman H., and Wilcox. 2,676,370.
Harrison, George.
Hathaway, Augustus J., III. 2,678,887.
Jacobsen, Arthur E.
Litman, Karol K. 2,692,856.
McFarlane, Thomas P.
McFarlane, Thomas P., and Konig.
Mellgren, Svante, and Moles. 2,697,051.
Merker, Leon. 2,684,910.
Merker, Leon. 2,685,524.
Merker, Leon. 2,685,525.
Meyer, Alfred W., Firing, and Pratt. 2,696,639.
Möklebust, Olav. 2,684,296.
Panik, Irene M., and Sullivan.
Pitrot, Adrian R.
Smith, Howard J. 2,680,670.
Urban, Stephen F. 2,684,297.
Wadlington, John P.
Wadlington, John P. 2,691,594.
White, Robert J.
- National Leather Handle Co., Inc.: *See*—
Epton, Jerome W.
Romolt, Abe. 2,694,477.
- National Lock Co.: *See*—
Burke, William O. 2,677,566.
Burke, William O. 2,681,819.
Burke, William O. 2,687,911.
Stone, Roy A. 2,689,370.
- National Machinery Co., The: *See*—
De Loe, Oliver P. 2,689,358.
Friedman, John H.
Friedman, John H. 2,680,860.
Friedman, John H. 2,684,706.
Friedman, John H. 2,687,660.
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- National Malleable and Steel Castings Co.: *See*—
Metzger, William J.
Metzger, William J. 2,681,157.
Metzger, William J. 2,692,690.
Shafer, James A. 2,697,989.
Spence, Hubert L., and Willison. 2,692,769.
Willison, Donald. 2,686,602.
Willison, Donald, and Spence. 2,686,667.
- National Marking Machine Company, The, assignee: *See*—
Keuper, William J.
- National Mine Service Co.: *See*—
Van Vactor, Benjamin H. 2,687,008.
- National Motor Bearing Co., Inc.: *See*—
Mosher, Ezra D. 2,697,623.
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Reynolds, Noel S. 2,692,786.
Wurtz, John W., and Greenwald. 2,686,747.
- National Oats Company, assignee: *See*—
Hanser, William F.
- National Office Supply Mfg. Co., Inc., assignee: *See*—
Paliuca, Frank G. 2,678,862.
- National Paper Bottle Co. Inc., assignee: *See*—
Wittkuhns, Bruno A., Nutting, and Hill. 2,674,929.
- National Petro-Chemicals Corp.: *See*—
Atwood, John S. 2,683,731.
Atwood, John S. 2,683,732.
- National-Plainfield Corp., The: *See*—
Raduns, Solomon B. 2,694,872.
- National Pneumatic Co., Inc.: *See*—
Durbin, Vernon, and Button.
Van der Veer, John H. 2,696,579.
- National Potteries: *See*—
Garber, Irving B. 2,686,988.
- National Poultry Equipment Company, assignee: *See*—
Powell, Clyde C.
- National Presto Industries, Inc.: *See*—
Maykemper, Henry. 2,674,054.
Sitz, Gilbert C. 2,682,248.
Yarrington, Harold E.
- National Products Co., assignee: *See*—
Magaard, Hans, and Hagen.
- National Publishing Co.: *See*—
Bostwick, Wallace L., and Terry.
Oughton, Charles D. 2,684,918.
- National Radiac, Incorporated, assignee: *See*—
Zar, Jacob L., and Musicant. 2,674,636.
- National Rejectors, Inc.: *See*—
Foushee, Robert M. 2,691,379.
- National Research Corporation, assignee: *See*—
Chadsey, Earl E., Jr.
Chadsey, Earl E., Jr., Clough, and Godley.
Clough, Philip J., and Chadsey.
Clough, Philip J., and Godley.
Godley, Philip, 2nd.
Godley, Philip, 2nd, Clough, and Stauffer.
Schuler, Frederic W.
Schuler, Frederic W., Mansir, and Di Pietro.
Stauffer, Robert A.
- National Research Council: *See*—
Battell, William J., and Moody.
Benner, Frank C., and Di Nardo. 2,687,355.
Carmichael, Hugh, and Salmon. 2,677,773.
Featonby, Joseph. 2,697,326.
Halpern, Jack, and Forward.
Moody, Norman F. 2,683,806.
Moody, Norman F. 2,698,383.
Moody, Norman F., and Howell. 2,691,100.
Sirianini, Aurelio F., and Puddington. 2,682,506.
Tollefson, Eric L. 2,686,762.
- National Research Development Corp.: *See*—
Baddiley, James, and Thain. 2,676,976.
Bradfield, Geoffrey. 2,685,041.
Cooper, Kenneth A., and Hill. 2,680,674.
Dean, James, and Pollard. 2,694,192.
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Franklin, Ernest. 2,692,339.
Gibson, Alan F. 2,674,155.
Jefferson, Sidney.
Kandiah, Kathirkamathamby. 2,679,978.
Merton, Thomas R.
Newman, Edward A., and Clayden. 2,694,521.
Noble, Spencer W., and Bannister. 2,691,728.
Ricardo, Harry R. 2,688,955.
Rimington, Claude, Lawson, Searle, and Morley.
Robinson, Arthur A. 2,685,407.
Spalding, Dudley B. 2,689,614.
Tootill, Geoffrey C. 2,693,907.
Wilkinson, James H. 2,686,632.
Williams, Frederic C., and Kilburn.
Williams, Frederic C., Robinson, and Kilburn. 2,683,802.
- National Rubber Machinery Co.: *See*—
Frank, Paul A. 2,682,376.
Heston, Eugene E. Re. 23,880.
Magerkurth, Wilhelm A., and Buecken. Re. 23,839.
Willmott, Leo J. 2,677,087.
- National Screw & Mfg. Co., The: *See*—
Hodell, Frederick G. 2,676,510.
Steinfurth, Louis. 2,676,343.
Steinfurth, Louis. 2,696,328.
- National-Simplex-Bludworth, Inc.: *See*—
Cathcart, Richard C. 2,685,026.

- National Smelting Co. Ltd., The: *See*—
Morgan, Stephen W. K. 2,684,899.
Robson, Stanley.
Robson, Stanley, and Derham.
Woods, Stephen E. 2,682,462.
- National Stamping Company, assignee: *See*—
Beyer, Frederick W. 2,677,851.
- National Standard Company, assignee: *See*—
Prazier, Larry C. 2,676,637.
- Pearce, Thomas H.
- National Starch Products Inc., assignee: *See*—
Caldwell, Carlyle G., and Wurzburg.
- National Steel Construction Co., assignee: *See*—
Eisinga, Dirk. 2,679,981.
- National Steel Corp.: *See*—
Butler, John E. 2,686,135.
Collins, Tappan. 2,685,354.
Fenske, Harry D.
Hassell, Edward J. 2,690,424.
Kadell, Alfred E.
Kornpart, Walter W.
McMahon, John P., and Latulippe.
Meyer, Henry B. 2,690,116.
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Wright, Wilbert H., and Cavalle. 2,696,663.
- National Sugar Refining Company, The, assignee: *See*—
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- National Supply Co., The: *See*—
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Girgosh, Stephen W. 2,686,441.
Knox, Donald G. 2,676,547.
Knox, Donald G. 2,684,633.
Moore, George W. Re. 23,842.
Picard, John B. 2,682,892.
Trishman, Lawrence E.
Young, Forrest J. 2,674,188.
- National Sure-Fit Quilting Co., Inc.: *See*—
Hiltbrunner, Arnold J., and C. M.
Hiltbrunner, Arnold J., and C. M. 2,695,410.
- National Tank Co.: *See*—
Walker, Jay P., and Glasgow.
Walker, Jay P., Glasgow, and Francis. 2,685,938.
- National Tea Packing Company, Inc., assignee: *See*—
Hirschhorn, Louis.
Irmscher, Hans O.
- National Union Radio Corp.: *See*—
Charton, Paul W.
Jervis, Ernest R. 2,676,113.
Kuchinsky, Saul. 2,675,500.
Miller, Carl F. 2,675,431.
Skellett, Albert M. 2,689,301.
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- National Waste Co.: *See*—
Schulein, George. 2,690,938.
- National Welding Equipment Co.: *See*—
Hammon, George L. 2,685,300.
- Native Footwear, Inc., assignee: *See*—
Connell, John M. 2,678,456.
- Natland, Manley L., Rolling Hills, and R. E. Pearson, Compton, assignors to Richfield Oil Corporation, Los Angeles, Calif. Punch core orienting device. 2,670,179, Feb. 23.
- Natta, Giulio, to Oronzio De Nora Impianti Elettrochimici. 2,689,250, Cl. 260—347.9.
- Natwick, John W. 2,675,311, Cl. 92—6.
- Naud, Ernest O. 2,685,373, Cl. 212—109.
- Naughton, Bartley J., Jr., $\frac{1}{2}$ to S. F. Olesak. 2,695,051, Cl. 155—180.
- Naughton, Bartley J., Jr., $\frac{1}{2}$ to S. F. Olesak. 2,695,191, Cl. 296—28.
- Nauman, Raymond L., W. T. Beale, and H. A. Sorensen, to State College of Washington. 2,696,680, Cl. 34—203.
- Naumann, Edward J.: *See*—
Harmon, Ralph N., and Naumann. 2,687,482.
- Naumann, Edward J., to the United States of America as represented by the Secretary of the Navy. 2,687,095, Cl. 102—70.2.
- Naumann, John B. 2,688,359, Cl. 155—152.
- Naumann, Willy R., to Daimler-Benz Aktiengesellschaft. 2,684,600, Cl. 74—477.
- Naueroth, Larry J., Dallas, Tex. Refrigerating apparatus for producing frozen confections. 2,669,852, Feb. 23.
- Nauta, Johannes E., Overveen, Netherlands. Method and device for conching a chocolate mass and the like. 2,668,764, Feb. 9.
- Nauth, Edgar K., Kenmore, N. Y., assignor to Sylvania Electric Products Inc. Dial. 2,664,848, Jan. 5.
- Nau-Touron, Albert, assignor to I. Frenkel, Paris, France. Process and means for winding natural and synthetic yarns. 2,667,734, Feb. 2.
- Navarre, Roger F. D. (dit Malherbe), Paris, France, assignor to Societe Anonyme dite: Ateliers de Constructions Electriques de Charleroi, Brussels, Belgium. Electrode mounting for electrical discharge lamps, and particularly for discharge lamps with fluorescent screens. 2,668,928, Feb. 9.
- Nav-Cov Co.: *See*—
Andrade, Vernon J. and J. B. 2,698,016.
- Nave, Alfred E., and R. A. Jansen, to Ayco Mfg. Corp. 2,686,703, Cl. 312—111.
- Naves, Yves R., assignor to Givaudan-Delawanna Inc. 2,675,393, Cl. 260—345.2.
- Navy, United States of America as represented by the Secretary of the: *See*—
Abramson, Bertram N.
Adams, Gail D., and Kerst.
Allen, Harold P. 2,681,008.
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Anderson, Wilmer C. 2,697,186.
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Bauer, William E. 2,688,313.
Beams, Jesse W., and Morton.
Bels, Basil A.
Beans, Jesse W., Kinsey, and Snoddy. 2,691,306.
Bertram, Sidney. 2,693,534.
Bess, Leon. 2,677,760.
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Besserer, Carl W., Jr. 2,680,163.
Best, Richard L. 2,683,212.
Blackburn, John F. 2,691,895.
Blomquist, Alfred T., and Fiedorek. 2,678,946.
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Bonney, Everard A. 2,678,560.
Bowers, Dana W., Jr., and Griesheimer. 2,677,109.
Brettell, George A., Jr. 2,692,377.
Brown, Hugh M. 2,689,915.
Buck, James G. 2,677,873.
Bush, George B. 2,695,358.
Cason, James, Jr. 2,686,804.
Clapp, Roger E. 2,691,766.
Clark, Earl K. 2,680,407.
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Clark, Melville, Jr. 2,678,835.
Cochran, Charles W., Jr.
Cohen, Martin J., Wachtell, and Pieper. 2,677,762.
Crozier, William D. 2,687,094.
Darnall, James C., Jr., and Eidsness. 2,690,122.
Darnell, Thomas H. 2,685,008.
Davis, Charles W. 2,686,890.
Dicke, Robert H. 2,686,901.
Droz, Marcel E. 2,677,199.
Droz, Marcel E., and Roth. 2,688,442.
Duffy, Philip A. 2,682,001.
Eaton, James E. 2,684,445.
Ebaugh, Paul, and Piekarski. 2,684,726.
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Farr, Harold K. 2,681,987.
Fischman, Martin.
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Fredrick, Arden H. 2,679,556.
Friedman, Herbert.
Fromm, Kenneth N. 2,679,011.
Fundingsland, Osmund T. 2,680,821.
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Gallaghan, John A., and Pincus. 2,696,430.
Garrison, John B., and Hepperle. 2,692,974.
Germeshausen, Kenneth J. 2,678,403.
Geyger, Wilhelm A. 2,677,796.
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Glass, Alfred L. 2,676,942.
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Goldberg, Monroe B., and Reed. 2,697,737.
Gray, John W. 2,686,264.
Gray, Joseph L. 2,695,494.
Greenwood, Ernest J., Sears, and Thorjusen. 2,698,149.
Griemsmann, John W. E. 2,686,295.
Grimes, Willard M., Jr. 2,685,671.
Hall, Maurice B. 2,677,808.
Hansen, Carl K., Miller, and Rovner. 2,694,926.
Hardy, James D., Richards, and Stoll. 2,685,795.
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Harmon, Ralph N., and Naumann. 2,687,482.
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Hill, Richard G., and Rix. 2,684,479.
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Hower, Paul A. 2,686,294.
Hughes, Arthur V. 2,688,945.
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Isberg, Reuben A. 2,675,476.
Jeswine, Fred A., Henderson, and Wyckoff.
Johnson, Warren C., and Wehner.
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King, Ellis G., and Frederick. 2,692,994.
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Lawrence, Richard B. 2,689,347.
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Lazan, Benjamin J. 2,676,486.
Leonard, John M., and Patouillet. 2,684,303.
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- MacNichol, Edward F., Jr., Sack, and Work. 2,697,808.
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 Page, Chester H.
 Perkins, George D.
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 Phillips, Ralph S. 2,682,656.
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 Pouchot, Walter D. 2,674,845.
 Purcell, Edward M. 2,681,990.
 Quick, Robert G. 2,674,670.
 Reed, John C., Jr. 2,693,538.
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 Riblet, Henry J. 2,679,590.
 Richards, Lorenzo A.
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 Rowland, Howard J. 2,694,796.
 Ruegg, Fillmer W. 2,682,747.
 Saad, Theodore S. 2,691,760.
 Sage, Bruce H., McMorris, and Miller. 2,685,837.
 Schaelehl, Walter, Winchester, and Ponstingl.
 Schmidt, Lothar M. 2,680,216.
 Schmitt, Otto H.
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 Schmitt, Otto H. 2,693,590.
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 Shapiro, Gustave.
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 Sklar, Ezra R. 2,696,719.
 Smith, Nathan L. 2,678,926.
 Smullin, Louis D. 2,682,033.
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 Steenstrup, Carl H., and Falk. 2,682,041.
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 Strandberg, Malcolm W. P. 2,681,414.
 Sussdorff, George W. H., and Goodnow.
 Tidball, Frank E. 2,684,443.
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 Torrey, Henry C., and Wiesner. 2,682,034.
 Toth, Dolan H. 2,692,379.
 Trigg, Warren M., and Rowley. 2,685,533.
 Van Atta, Lester C. 2,688,080.
 Wachtell, George P. 2,688,079.
 Walker, Richard M. 2,686,878.
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 Warren, Ronald G., Kowalshyn, Radkowski, and Ellerman.
 Washburn, Clayton A. 2,681,411.
 White, Ralph E. 2,694,929.
 Willenbrock, Frederick K., and Cooke. 2,677,107.
 Wilson, Olin C. 2,683,415.
 Wolf, Alfred A.
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 Wood, Cyrus F., and Sadler.
 Woodbury, Roger B.
 Woodbury, Roger B. 2,691,106.
 Wyckoff, Kenneth K. 2,675,443.
 Young, Louis B., and Gaffney. 2,684,467.
 Yunker, Elmer L. 2,691,759.
 Nawlasky, Paul, Summit, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Vat dye-stuffs of the perylene-tetracarboxylic acid bis-arylimide series. 2,668,815, Feb. 9.
 Nawlasky, Paul, and G. R. Genta, assignors to General Aniline & Film Corporation. 2,677,693, Cl. 260—356.
 Nawman, Rollie B.: See—
 Hook, Benton A., and Nawman. 2,676,632.
 Naylor, Arthur F., Haddonfield, and A. M. Spielberg, Camden, N. J., assignors to Radio Corporation of America. Switching system for dual-speed electric servo mechanism. 2,670,456, Feb. 23.
 Naylor, Joseph F., assignor to T. & T. Vickers Limited, Earlestown, Newton-le-Willows, England. Squeeze roller apparatus. 2,669,948, Feb. 23.
 Naylor, Joseph F., assignor to T. & T. Vickers Limited. 2,677,748, Cl. 219—35.
 Nazarenko, Nicholas G. 2,695,521, Cl. 73—363.
 Nazzewski, Mathew: See—
 Markarian, Moushy, Ross, and Nazzewski. 2,695,900.
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 Neal, Earl S. 2,683,428, Cl. 107—50.
 Neal, Ernest C., $\frac{1}{2}$ to E. Brandell. 2,682,795, Cl. 81—44.
 Neal, Ernest C., $\frac{1}{2}$ to E. Brandell. 2,685,284, Cl. 124—15.
 Neal, George H.: See—
 Jacobsen, Carl, and Neal.
 Neal, Ethel, administratrix: See—
 Gooding, Chester M., Vahlteich, and Neal.
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 Neal, Ralph H.: See—
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 Nebel, Kurt W. 2,676,656, Cl. 164—44.
 Nebel, Richard W., Chester, Va., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Dyeing cellulose esters. 2,670,264, Feb. 23.
 Nebergall, Otto L., and K. Lester. 2,693,660, Cl. 43—21.2.
 Nebesar, Robert J., Bristol, Tenn., assignor to Universal Moulded Products Corporation, Bristol, Va. Molding composition. 2,667,465, Jan. 26.
 Nebesar, Robert J., to Universal Moulded Products Corp. 2,690,412, Cl. 154—83.
 Neckar, Thomas B.: See—
 Kennedy, Florence, and Neckar. 2,693,335.
 Neckel, Edmund N., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Automatic shirt folder. 2,665,039, Jan. 5.
 Neckel, Edmund N., and C. A. Ketchum, to The American Laundry Machinery Co. 2,692,583, Cl. 121—38.
 Nederlandse Boekhoud- en Statistiekmachine- Maatschappij Bullatec N. V., assignee: See—
 Keulen, Gerben J., Kool, and Cival. 2,675,233.
 Nederlandse Centrale Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek: See—
 De Goede, Barend. 2,695,235.
 Pasveer, Aale. 2,684,941.
 Wiechers, Sybrandus G., and Van Hoek. 2,676,144.
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 Goebel, Joseph. 2,688,280.
 Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek Ten Behoeve Van Nijverheid, Handel en Verkeer, assignee: See—
 Singer, Mor J. 2,675,596.
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 Needham, Jack: See—
 Phillips, Eric T. A., and Needham. 2,686,874.
 Needham Mfg. Co. Inc.: See—
 Spang, William F. 2,694,222.
 Neel, George H.: See—
 Graham, Robert P., Neel, and Fishman.
 Neel, Carr B., Jr., and N. R. Bergrun. 2,686,640, Cl. 244—134.
 Neely, Alfred W., assignee: See—
 Roberts, Bruce. 2,676,022.
 Neely, Richard J., and R. P. Gilmartin, assignors to Gulf Research & Development Company. 2,678,262, Cl. 44—76.
 Neely, William H., assignor to The Universal Wire Spring Company, Cleveland, Ohio. Sinuous spring attaching means. 2,669,290, Feb. 16.
 Neely, William H., Cleveland, and W. C. Sandor, Solon, assignors to The Universal Wire Spring Company, Bedford, Ohio. Wire spring and wire spring structure. 2,669,293, Feb. 16.
 Neesen, Gerald W., to Johns-Manville Corp. 2,684,262, Cl. 288—5.
 Neesen, Gerald W., to Johns-Manville Corp. 2,686,092, Cl. 309—33.
 Neff, Clarence H., assignor to The General Tire and Rubber Company. 2,677,388, Cl. 137—232.
 Neff, Donald D.: See—
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 Von Hofe, George W., and Nefzger. Re. 23,917.
 Negro, Michael J., to Van Vlaanderen Machine Co. 2,684,887, Cl. 8—151.1.
 Neher, Harry T.: See—
 Bauer, La Verne N., and Neher. 2,692,256.
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 Neher, Herbert J., Decatur, Ala. Apparatus for lifting stacks of bricks and the like. 2,668,731, Feb. 9.
 Neher, Robert, Basel, Switzerland, assignor to Ciba Pharmaceutical Products, Inc., Summit, N. J. Undecylenic acid esters of 8-hydroxyquinolines. 2,666,058, Jan. 12.
 Neher, Robert, assignor to Ciba Pharmaceutical Products, Inc. 2,678,928, Cl. 260—286.
 Nehls, Charles H. 2,696,100, Cl. 70—455.
 Nehrke, Charles, New York, N. Y. Pocket grooming implement and housing therefor. 2,671,238, Mar. 9.

- Nehse, Albrecht: *See*—
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- Neid, Louis J. 2,693,050, Cl. 43—65.
- Neidig, William J. 2,690,007, Cl. 30—43.
- Neil, G. Eloise: *See*—
Neil, Edmund B. 2,688,954.
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- Neil, Edmund B., deceased, by G. E. Neil, administratrix. 2,688,954, Cl. 121—65.
- Neil, Edmund B., deceased; G. E. Neil, administratrix. 2,695,596, Cl. 121—65.
- Neild, William G., assignor to Bendix Aviation Corporation. Re. 23,836, Cl. 201—51.
- Neill, Carl E.: *See*—
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- Neill, John S. 2,690,017, Cl. 33—174.
- Neilsen, Peter C., Lake Elmo, Minn. Rasp loading fixture. 2,669,014, Feb. 16.
- Neilson, Christopher B. V., Fearnhead, near Warrington, and R. G. Hoare, assignors to Electro-Hydraulics Limited, Warrington, England. Aircraft landing gear with means for minimizing wheel drag load incident to landing. 2,670,160, Feb. 23.
- Neilson, William A. 2,689,022, Cl. 187—8.43.
- Neiman, Samuel, assignee: *See*—
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- Neiman, Winfield N.: *See*—
Daley, Roger J., Gosney, and Neiman. 2,675,943.
- Nein, William C., New York, N. Y. List finder. 2,670,741, Mar. 2.
- Neish, Richard A., Library, Pa., assignor to United States Steel Corporation. Method and solution for treating zinc surfaces to inhibit formation of white rust. 2,665,232, Jan. 5.
- Neiswanger, John E. 2,686,493, Cl. 116—34.
- Neivert, Harry. 2,692,108, Cl. 248—215.
- Nejedly, Peter M.: *See*—
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- Nekola, William J.: *See*—
Wehmiller, Frederick W., and Nekola.
- Nekut, Anthony G., assignor to Radio Corporation of America. 2,680,009, Cl. 257—263.
- Nelki, Gunter, to F. D. Lowell. 2,687,089, Cl. 101—201.
- Nell, Frederic, to Landis Machine Co. 2,694,322, Cl. 80—6.
- Nelsen, Magnus O. 2,675,036, Cl. 144—220.
- Nelsen, Marvin G., Skokie, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Control and change maker for vending machines. 2,671,547, Mar. 9.
- Nelson, Alfred N., Flushing, N. J. Safety window lock. 2,673,106, Mar. 23.
- Nelson, Allan J., to Springfield Woolen Mills Co. 2,686,538, Cl. 139—420.
- Nelson, Andrew P.: *See*—
Davis, John H., Jr., and Nelson. 2,692,750.
- Nelson, Benny J.: *See*—
Cieslicki, Marion E., and Nelson. 2,692,823.
- Nelson, Bernard W., to P. R. Grosjean. 2,688,164, Cl. 20—16.
- Nelson, Brooks E., and R. O. Peterson, to The Osborn Mfg. Co. 2,682,065, Cl. 15—21.
- Nelson, Channing C.: *See*—
Holder, Clinton H., Nelson, and Morbeck. 2,682,453.
- Nelson, Charles. 2,689,501, Cl. 84—478.
- Nelson, Charles, Jr., to Ahlberg Bearing Co. 2,686,088, Cl. 308—72.
- Nelson, Christian K., and C. R. Behling, assignors to Eskimo Pie Corporation. 2,677,943, Cl. 62—114.
- Nelson, Clarence L., Minneapolis, Minn. Magnetically controlled switch. 2,666,112, Jan. 12.
- Nelson, Clifford G., Stoughton, assignor to Ray-O-Vac Company, Madison, Wis. Flat dry cell battery pack. 2,668,868, Feb. 9.
- Nelson, David V. 2,681,466, Cl. 15—310.
- Nelson, Donald O., and C. E. Wallquist, to Bendix Aviation Corp. 2,687,658, Cl. 74—812.
- Nelson, Edgar A., New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Razor and magazine. 2,671,961, Mar. 16.
- Nelson, Erlo C. 2,691,974, Cl. 124—41.
- Nelson, Evan H.: *See*—
Cooper, Anthony D., Nelson, and Willoughby.
- Nelson, Frank H., Orelan, Pa., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Reserve battery enclosure. 2,669,596, Feb. 16.
- Nelson, Frederic C. 2,676,410, Cl. 33—104.
- Nelson, Frederick G., and J. O. Veach, assignors to The Dorr Company. 2,680,602, Cl. 259—97.
- Nelson, George B. 2,688,410, Cl. 212—14.
- Nelson, Gorman R. 2,687,054, Cl. 81—52.4.
- Nelson, Harold O.: *See*—
Burling, Eathel O., and Nelson. 2,694,489.
- Nelson, Harry, assignor to Lorentzen Hardware Mfg. Corp., New York, N. Y. Venetian blind installation bracket. 2,670,167, Feb. 23.
- Nelson, Harry, McKeesport, Pa., assignor to Lorentzen Hardware Mfg. Corp., New York, N. Y. Venetian blind head bar construction and fitting. 2,673,608, Mar. 30.
- Nelson, Harry, assignor to Lorentzen Hardware Mfg. Corp. 2,680,589, Cl. 248—264.
- Nelson, Harry, to Lorentzen Hardware Mfg. Corp. 2,689,545, Cl. 118—33.
- Nelson, Harry, to Lorentzen Hardware Mfg. Corp. 2,697,487, Cl. 160—173.
- Nelson, Henry J., Wilburton, Okla. Wallboard hoist. 2,672,319, Mar. 16.
- Nelson, J. B.: *See*—
Dunn, Ernest A. 2,687,778.
- Nelson, James A., G. W. Kamin, and L. E. Wolske, assignors to Cribben and Sexton Company. 2,676,582, Cl. 126—39.
- Nelson, James A., J. M. Algino, and G. F. Webber, to Cribben and Sexton Co. 2,682,922, Cl. 158—25.
- Nelson, John W., assignor to Sinclair Refining Company. 2,674,613, Cl. 260—451.
- Nelson, John W., to Sinclair Refining Co. 2,698,336, Cl. 260—452.
- Nelson, Joseph F.: *See*—
Banes, Fred W., Fitz Gerald, Nelson, and Gilliland.
Welch, Lester M., Nelson, and Wilson.
- Nelson, Joseph F., Rahway, R. F. Leary, Cranford, and L. M. Welch, Madison, N. J., assignors to Standard Oil Development Company. Copolymer manufacture. 2,666,046, Jan. 12.
- Nelson, Joseph S., to Monsanto Chemical Co. 2,690,410, Cl. 154—277.
- Nelson, Karl J., assignor to Standard Oil Development Company. 2,677,604, Cl. 48—206.
- Nelson, Karl J., to Standard Oil Development Co. 2,692,050, Cl. 209—214.
- Nelson, Kurt B. 2,690,176, Cl. 128—80.
- Nelson, Laurence A.: *See*—
Guentsche, Helmuth, Nelson, and Schjolin. 2,694,950.
- Nelson, Martin J., and C. E. Ives, assignors to Wunderlich Spring Machinery Company. 2,678,988, Cl. 219—11.
- Nelson, Martin J., and E. Turecki, assignors to Wunderlich Spring Machinery Company. 2,678,989, Cl. 219—11.
- Nelson, Milton T., Miami, Fla. Lawn trimmer and edger. 2,672,002, Mar. 16.
- Nelson, Morris D., to Radio Corp. of America. 2,690,520, Cl. 313—149.
- Nelson, Morris E., to Solar Aircraft Co. 2,693,371, Cl. 285—11.
- Nelson, Nels E.: *See*—
Van Peet, Nixon. 2,688,173.
- Nelson, Noral A., and U. Landenberger, to Harry Ferguson, Inc. 2,685,988, Cl. 222—370.
- Nelson, Noral A., and U. Landenberger, to Harry Ferguson, Inc. 2,694,279, Cl. 55—83.
- Nelson, Norman A., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Device for wiping pipe. 2,665,444, Jan. 12.
- Nelson, Ole A., Seattle, Wash. Surgical retractor. 2,670,732, Mar. 2.
- Nelson, Oscar G., to Western Electric Co., Inc. 2,688,593, Cl. 204—207.
- Nelson, Richard A.: *See*—
Hoffmann, Elmer L., and Nelson.
- Nelson, Roy E.: *See*—
Baker, John H., and Nelson.
- Nelson, Roy E., to The Texas Co. 2,693,450, Cl. 252—54.6.
- Nelson, Seddon C., Fredericksburg, Va., assignor to American Viscose Corporation, Philadelphia, Pa. Automatic variable torque-speed interchanger. 2,672,761, Mar. 23.
- Nelson, Talbert G., New York, N. Y. Fruit juicer. 2,667,118, Jan. 26.
- Nelson, Theodore J.: *See*—
Polson, Olien, and Nelson.
- Nelson, Thomas E., Drayton Plains, Mich. Pulley construction. 2,669,878, Feb. 23.
- Nelson, Warren A.: *See*—
Meulemans, Benedict E., and Nelson.
- Nelson, William. 2,690,749, Cl. 128—287.
- Nelson, William E., to The Distillers Co. Ltd. 2,692,277, Cl. 260—475.
- Nelson, William E., to The Distillers Co. Ltd. 2,692,289, Cl. 260—586.
- Nelson, Willis N.: *See*—
Jenson, Kenneth S., and Nelson. 2,695,554.
- Nelsson, Nels, assignor to United States Gypsum Company, Chicago, Ill. Partition clip. 2,668,342, Feb. 9.
- Nelsson, Nels, assignor to United States Gypsum Company. 2,676,483, Cl. 72—46.
- Nemesio, Nino J. 2,693,296, Cl. 220—103.
- Nemitz, Jean E.: *See*—
Larkin, Frances R., and Nemitz. 2,696,007.
- Neo-Ray Products, Inc.: *See*—
Zingone, Anthony E. 2,684,498.
Zingone, Anthony E. 2,689,026.
Zingone, Anthony E. 2,695,950.
- Nepera Chemical Co., Inc.: *See*—
Benner, Roland G., and Hochhauser. 2,685,586.
Fand, Theodore I., and Lutomski.
Feinstone, Wolfe H.
Goldberg, Aaron S. 2,687,415.
Hereld, Peter C.
Mast, George W., and Tenenbaum.
Scudi, John V., and Grail.
Scudi, John V., Moschetto, and Mayurnik. 2,680,742.
Scudi, John V., and Tenenbaum.
- Neponset Woolen Mills: *See*—
Pike, Andrew J. 2,686,953.
- Neppiras, Ernest A.: *See*—
Birkbeck, Guy, Tremlett, Noltingk, and Neppiras. 2,676,236.

- Neptune Meter Co.: *See*—
Hundley, Frank G. 2,693,196.
Thompson, Ralph L.
- Neracher, Carl A., Santa Ana, Calif. Electrically operated gear shift and clutch control mechanism for transmissions. 2,671,351, Mar. 9.
- Neracher, Otto: *See*—
Goreau, Theodore N., and Neracher. 2,678,295.
- Nergaard, Leon S., to Radio Corp. of America. 2,682,622, Cl. 315—40.
- Nerman, Tom, New York, N. Y. Tripod head. 2,666,610, Jan. 19.
- Nerness, Harold, Windom, Minn. Tractor attachment for reforming windrows. 2,667,731, Feb. 2.
- Nerwin, Hubert: *See*—
Smith, Clarence E., Nerwin, and Moore. 2,693,744.
- Nesbitt, John D.: *See*—
Hepburn, William M., and Nesbitt.
- Nesbitt, John D., to Surface Combustion Corp. 2,691,515, Cl. 263—6.
- Nesbitt, John D., to Surface Combustion Corp. 2,693,952, Cl. 263—40.
- Nesbitt, John J., Inc.: *See*—
McElgin, John W. 2,696,948.
- Nesco, Inc., assignee: *See*—
Stine, Harry R. 2,679,878.
- Ness, Arthur B., Landenberg, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Laminated structures and making same. 2,673,826, Mar. 30.
- Ness, Irving S., and R. V. Lints, to Chicopee Mfg. Corp. 2,697,678, Cl. 154—101.
- Nesson, Israel, assignor to M. Zaiger. 2,676,351, Cl. 15—250.
- Nesson, Israel, assignor to M. Zaiger. 2,679,065, Cl. 15—245.
- Nesson, Israel, assignor to M. Zaiger. 2,679,066, Cl. 15—250.
- Nestler, Herbert N.: *See*—
Willinger, Harding W., and Nestler.
- Nesty, Glenn A.: *See*—
Olmer, Francois J. G., and Nesty.
Weinstock, Harry H., Jr., and Nesty. 2,692,875.
- Netelenbos, Willem J., M. Orger, and J. G. Robbenhaar, Almelo, Netherlands. Spindle for spinning or twisting machines. 2,672,007, Mar. 16.
- Nettekoven, William F., W. P. Buchan, and M. McDermid, assignors to Minnesota Scale Mfg. Co. 2,676,739, Cl. 226—25.
- Nettle, Henry I. 2,681,613, Cl. 101—65.
- Nettler, Stanley, Great Neck, N. Y. Display form for socks and stockings. 2,667,292, Jan. 26.
- Netzbandt, William R.: *See*—
Gershon, Solomon D., Goldberg, and Netzbandt. 2,689,815.
- Neu, Edward A., Jr.: *See*—
Burdett, Harry W., Jr., Pearlman, and Neu. 2,692,024.
- Neu, Ernest L.: *See*—
Bollaert, Armand R., and Neu.
- Neubauer, Emil T.: *See*—
Labus, Otto A., Neubauer, and Miner.
- Neubauer, Raymond L.: *See*—
Horn, Fordyce H., and Neubauer. 2,686,212.
- Neuburger, Paulina. 2,694,812, Cl. 2—209.1.
- Neudeck, Joseph E.: *See*—
Hickok, John E., and Neudeck. 2,693,175.
- Neue Argus Gesellschaft m. b. H.: *See*—
Kaiser, Rudolf. 2,686,987.
- Neufeld, Jacob. 2,696,891, Cl. 181—05.
- Neugass, Edwin A. 2,674,558, Cl. 154—95.
- Neugass, Edwin A. 2,681,524, Cl. 40—130.
- Neugass, Edwin A. 2,682,251, Cl. 116—129.
- Neugass, Edwin A. 2,693,656, Cl. 40—130.
- Neugass, Edwin A. 2,695,354, Cl. 240—8.16.
- Neugass, Edwin A. 2,696,550, Cl. 240—2.1.
- Neugebauer, Franz J., and H. O. Berkner, to the United States of America as represented by the Secretary of the Air Force. 2,687,124, Cl. 123—142.5.
- Neugebauer, Wilhelm, to Azoplate Corp. 2,687,958, Cl. 95—7.
- Neugebauer, Wilhelm, Wiesbaden-Biebrich, and J. Barthenheier, Eddersheim am Main, Germany, assignors, by mesne assignments, to Azoplate Corporation, Summit, N. J. Producing positive photolithographic printing foils. 2,667,415, Jan. 26.
- Neugebauer, Wilhelm, and M. Tomanek, Wiesbaden-Biebrich, and H. Böttger, Wiesbaden, Germany, assignors, by mesne assignments, to Keuffel & Esser Co., Hoboken, N. J. Light-sensitive diazotype material. 2,672,418, Mar. 16.
- Neugebauer, Wilhelm, A. Rebenstock, and T. Scherer, to Azoplate Corp. 2,692,826, Cl. 95—5.4.
- Neugebauer, Wilhelm, and M. Tomanek, to Azoplate Corp. 2,696,435, Cl. 95—7.
- Neubaus, Alfred, Darmstadt, and G. Weissenberg, Marburg (Lahn), assignors to Ernst Leitz, G. m. b. H., Wetzlar (Lahn), Germany. Making monocrystal actinic screen. 2,673,816, Mar. 30.
- Neubaus, Herbert M., Santa Monica, Calif. Apparatus for clamping and aligning plates or the like. 2,672,839, Mar. 23.
- Neuhausen, Sebastian P. 2,677,337, Cl. 108—17.
- Neukirch, Johannes, to G. M. Pfaff A.-G. 2,688,295, Cl. 112—258.
- Neumair, Joseph A.: *See*—
Clausen, Sigurd, and Neumair.
- Neumann, Ernest P., and F. Lustwerk, to Ultrasonic Corp. 2,683,971, Cl. 62—117.65.
- Neumann, Ernest P., and F. Lustwerk, to Ultrasonic Corp. 2,688,851, Cl. 62—117.65.
- Neumann, Ernest P., and F. Lustwerk, to Ultrasonic Corp. 2,688,852, Cl. 62—117.65.
- Neumann, Harry H. R. 2,685,635, Cl. 219—19.
- Neumann, Georg, to Society "Bureau Technique Gautrat." 2,693,499, Cl. 136—177.
- Neumann, Matthew. 2,683,886, Cl. 15—115.
- Neumann, Otto W.: *See*—
Ramos, Lawrence F., and Neumann. 2,695,167.
- Neumann, Roma G. 2,679,045, Cl. 1—200.
- Neumayer, Anton. 2,697,831, Cl. 1—49.
- Neuner, Carl J. 2,684,181, Cl. 222—51.
- Neunhoeffer, Otto, and P. Schulz, to Patent-Treuhand-Gesellschaft für elektrische Glühlampen m. b. H. 2,697,183, Cl. 313—181.
- Neuwirth, Peyton S. 2,696,046, Cl. 32—18.
- Neuworth, Martin B.: *See*—
Gorin, Everett, and Neuworth.
- Neuworth, Martin B., Brentwood, Pa., assignor to Socony Vacuum Oil Company, Incorporated. Ester-type synthetic lubricants. 2,668,848, Feb. 9.
- Neva-Clog Products, Inc., assignee: *See*—
Vogel, Kurt M. 2,675,989.
- Nevala, Lloyd A.: *See*—
Morrow, Charles T., Barnaby, and Nevala. 2,683,596.
- Neveroil Products Company, assignee: *See*—
Smith, Fred R., and Connolly.
- Nevers, Ralph P., and E. W. Palmer, to The American Brass Co. 2,689,216, Cl. 204—52.
- Neville, Hugh, Jr., and O. G. R. Ferguson, assignors to Laminex Corporation. 2,676,729, Cl. 220—71.
- Neville, James J.: *See*—
Rhodes, Thomas J., and Neville. 2,692,406.
- Neville, John V., to The Neville-Robison Co. 2,693,794, Cl. 128—205.
- Neville, Orear K.: *See*—
Leslie, William B., and Neville.
- Neville-Robison Co., The: *See*—
Neville, John V. 2,693,794.
- Nevins, Andrew B.: *See*—
Burdick, John S., Nevins, and King.
- Nevins, Donald L., to Pittsburgh Corning Corp. 2,683,906, Cl. 20—56.5.
- New, Harry E., assignor to American Viscose Corporation. 2,679,072, Cl. 19—130.
- Newark Brush Co.: *See*—
Nielson, Niels E. 2,688,147.
- Newaygo Engineering Company, assignee: *See*—
Bell, Millard J. 2,679,335.
- Newberg, Albert. 2,697,297, Cl. 46—1.
- Newberg, Raymond G.: *See*—
Clayton, Robert E., Jr., and Newberg. 2,688,005.
- Newbold, William F., Chestnut Hill, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Measuring instrument. 2,672,151, Mar. 16.
- Newborn, John T., assignor to Vi-Spring Products Limited, London, England. Sofa bed with forward turning back. 2,664,574, Jan. 5.
- New Britain Machine Company, The, assignee: *See*—
Gridley, George O. 2,695,096.
- Retz, William B. 2,682,327.
- Retz, William B. 2,690,000.
- Montgomery, Donald H. 2,679,165.
- Montgomery, Donald H., Pethybridge, and Lange. 2,680,281.
- Stephan, Hallis N. 2,679,678.
- Stephan, Hallis N. 2,686,283.
- Newburg, Charles F. 2,692,693, Cl. 214—151.
- Newburger, Lessing B., assignee: *See*—
Melton, Carl M.
- Newby, Neal D., assignor to Bell Telephone Laboratories, Incorporated. 2,675,427, Cl. 179—18.
- Newby, Neal D., assignor to Bell Telephone Laboratories, Incorporated. 2,679,551, Cl. 179—18.
- Newby, Thomas H., and J. M. Allen, to United States Rubber Co. 2,692,281, Cl. 260—554.
- New Castle Products, Inc., assignee: *See*—
Keys, James R., Van Buskirk, and Oberdorfer.
- Newchurch, Edwin J.: *See*—
Starr, Charles E., Jr., and Newchurch. 2,684,731.
- Newcomb, Howard L., F. E. Werner, R. J. Myers, and H. Laetari, Los Angeles County, assignors to Roberts Manufacturing Co., Los Angeles, Calif. Apparatus for producing carpet retaining strips. 2,669,714, Feb. 23.
- Newcomb, Philip P., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Compressor drive and fuel supply for gas turbine power plants. 2,665,549, Jan. 12.
- Newcomb, Philip P., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Pressurized lubrication system for gas turbines. 2,672,010, Mar. 16.
- Newcomb, Philip P., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Lubrication system for gas turbine power plants. 2,672,278, Mar. 16.
- Newcomb, Philip P., to United Aircraft Corp. 2,686,401, Cl. 60—39.31.

- Newcomer, Jack S., Wilson, N. Y., assignor to Sharples Chemicals Inc. Trichloroacetyl chloride. 2,665,307, Jan. 5.
- Newell, Earl L.: *See*—
Cannon, William D., Newell, and Cramer. 2,683,188.
- Newell, Foster S. 2,687,617, Cl. 61—48.
- Newell, Frederick T., Bradford, Pa., assignor to Dresser Industries, Inc., Dallas, Tex. Insulating coupling. 2,669,465, Feb. 16.
- Newell, George C., to Boeing Airplane Co. 2,688,338, Cl. 137—494.
- Newell, George K., to Westinghouse Air Brake Co. 2,682,885, Cl. 137—102.
- Newell, Isaac L.: *See*—
Edson, Alden P., and Newell. 2,674,790.
- Newell, Isaac L., assignor to United Aircraft Corporation. 2,676,157, Cl. 260—2.5.
- Newell, Isaac L., and J. K. Atticks, to United Aircraft Corp. 2,683,697, Cl. 260—2.5.
- Newell Mfg. Co., The: *See*—
Schluter, Harry C. 2,682,385.
- Newell, Stanley E., to Boeing Airplane Co. 2,696,578, Cl. 318—19.
- Newell, William H., to The Sperry Corp. 2,668,724, Cl. 323—89.
- Newell, William H., to Ford Instrument Co., Inc. 2,684,007, Cl. 88—2.4.
- Newell, William H., to The Sperry Corp. 2,693,709, Cl. 74—198.
- New England Bedding Co., assignee: *See*—
Johnson, Gustave A. 2,679,892.
- New England Trawler Equipment Co., assignee: *See*—
Symonds, William W. 2,679,227.
- Newey, Herbert A.: *See*—
Condo, Fred E., and Newey. 2,674,585.
- Newey, Herbert A., to Shell Development Co. 2,682,514, Cl. 260—18.
- Newfield, Paul C., Sr., New Orleans, La. Interlocking shingle. 2,668,508, Feb. 9.
- Newgren, Arvid E. 2,690,911, Cl. 273—35.
- Newgren, Elmer A.: *See*—
Rainsford, Thomas F. 2,694,479.
- Newhard, Nelson J., Jr.: *See*—
Spruance, Frank P., Jr., and Newhard. 2,678,291.
- New Holland Machine Division of The Sperry Corp.: *See*—
Happe, Melvin J. 2,679,983.
Hill, George B. 2,679,719.
Hill, George B. 2,679,873.
Hill, George B., and Happe. 2,686,658.
Hill, George B., and West. 2,686,396.
Nolt, Edwin B. 2,686,467.
- Newhouse, Paul D., assignor to Westinghouse Electric Corporation. 2,679,573, Cl. 219—47.
- New Jersey Machine Corporation, assignee: *See*—
Von Hofe, George W. Re. 23,828.
Von Hofe, George W. 2,676,726.
Von Hofe, George W. 2,684,775.
Von Hofe, George W., and Nefzger. Re. 23,917.
- New Jersey Zinc Company, The, assignee: *See*—
Miller, Neville F.
Waring, Robert K., and Fetterolf. 2,693,410.
- Newkirk, James D. 2,674,052, Cl. 37—143.
- Newkirk, William B., assignor to Corn Products Refining Company. 2,680,082, Cl. 127—40.
- Newman, Douglas A., and A. T. Schlottzauer, to Columbia Ribbon & Carbon Mfg. Co., Inc. 2,696,783, Cl. 101—149.2.
- Newman, Edward A., and D. O. Clayden, to National Research Development Corp. 2,694,521, Cl. 235—61.
- Newman, Ferris E., New Haven, Ind., W. T. Pearl, Tulsa, Okla., and E. T. Rainier, Fort Wayne, Ind., assignors to United States Rubber Company, New York, N. Y. Roller skate wheel. 2,669,485, Feb. 16.
- Newman, Harold C. 2,683,815, Cl. 250—95.
- Newman, Helen F.: *See*—
Meath, Campbell A. 2,693,602.
- Newman, John P. 2,674,875, Cl. 73—83.
- Newman, Julian, to Houdry Process Corp. 2,697,640, Cl. 302—59.
- Newman, Leopold. 2,687,240, Cl. 223—68.
- Newman, Louis B. 2,680,967, Cl. 73—379.
- Newman, Melvin S., and S. Swaminathan, assignors to Ohio State University Research Foundation, Columbus, Ohio. Steroid intermediates. 2,673,872, Mar. 30.
- Newman, Paul A. 2,687,874, Cl. 254—134.
- Newman, Robert J., assignee: *See*—
Stolk, William G.
Pankonin, Willard F. 2,695,181.
- Newman, Theodore N.: *See*—
Starnner, Charles J., and Newman. 2,691,096.
- Newman, Victor M. 2,678,618, Cl. 112—174.
- Newman, Victor M. 2,682,241, Cl. 112—174.
- Newman, Waldo E., assignor of $\frac{1}{2}$ to C. E. Glassen. 2,678,973, Cl. 179—107.
- New Method Steel Stamps, Inc., assignee: *See*—
Norris, Richard H., and Woodard. 2,676,534.
- Newnan, Charles D.: *See*—
Stewart, William T., Newnan, and Furby.
- Newnan, Charles D., San Pablo, and N. W. Furby, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Transformer oil containing a tertiary alkyl phenol antioxidant and a dihydroxy anthraquinone as a synergist for the antioxidant. 2,672,448, Mar. 16.
- Newport Industries, Inc.: *See*—
Sisson, Edmond F., Cole, and Krumbein. 2,688,590.
- Newport, John L.: *See*—
Lison, Robert J., and Newport. 2,678,462.
- New Process Gear Corporation, assignee: *See*—
Biesemeyer, Arthur E., and Dolan. 2,679,220.
- New Products Corp.: *See*—
Banker, Oscar H. Re. 23,857.
- Newsom, Bryan. 2,691,985, Cl. 128—342.
- Newsom, Raymond W. and S. A. 2,692,426, Cl. 30—4.
- Newsom, Sherman A.: *See*—
Newsom, Raymond W. and S. A. 2,692,426.
- Newton, Alwin B., assignor to Acme Industries, Inc., Jackson, Mich. Ventilating shim for fan shaft bearings and the like. 2,665,059, Jan. 5.
- Newton, Catherine H.: *See*—
Brandon, Clarence W. 2,689,462.
Brandon, Clarence W. 2,689,461.
- Newton, Edmund, assignor to Furness Shipbuilding Company Limited. 2,678,598, Cl. 98—40.
- Newton, Edward T., assignee: *See*—
Bell, William B.
- Newton, Gaylord W.: *See*—
Wright, Gilbert F., and Newton. 2,687,713.
- Newton, George C., assignor to Electric & Musical Industries Limited. 2,675,462, Cl. 240—2.
- Newton, George C., to Electric & Musical Industries Ltd. 2,680,999, Cl. 95—45.
- Newton, George W., and C. R. Stephen, assignors, by mesne assignments, to American Home Products Corporation. 2,677,370, Cl. 128—195.
- Newton, John C.: *See*—
Chenery, Peter J., and Newton. 2,678,177.
- Newton, John E., now by judicial change of name John Fishmaster. 2,677,208, Cl. 43—43.11.
- Newton, Lawrence W., South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Thioesters and process. 2,668,847, Feb. 9.
- Newton, Ross B.: *See*—
Kuehn, Howard E., and Newton. 2,677,858.
- Newton, Russell B., assignor to Dan River Mills, Incorporated, Danville, Va. Apparatus for treating impregnated yarn. 2,673,546, Mar. 30.
- Newton, William H., assignor to The Jeffrey Manufacturing Company. 2,675,918, Cl. 209—232.
- New Wrinkle, Inc., assignee: *See*—
Pawlyk, Peter. 2,676,918.
Toulmin, Harry A., Jr.
Waldie, William A.
- New York Air Brake Company, The, assignee: *See*—
Alger, Martin J., Jr. 2,694,997.
Dodge, Elwin H. 2,690,133.
Elsworth, John V. V.
Huber, Matthew W. 2,679,206.
Huber, Matthew W. 2,687,743.
Pickert, Mark. 2,678,242.
Rosaen, Oscar E. 2,677,330.
Safford, Lewis A. 2,683,261.
- New York Ohio Chemical Corp.: *See*—
Pinkston, John T., Jr. 2,688,634.
- Ney, William O., Jr., assignor to General Aniline & Film Corporation. 2,680,764, Cl. 260—487.
- Neyrpic Portuguesa, Limitada, assignee: *See*—
Fortes, Angelo. 2,674,857.
- Ng, Thomas, Union, N. J., assignor to Standard Oil Development Company. Apparatus for countercurrent contact of fluid materials. 2,665,975, Jan. 12.
- Niagara Blower Company, assignee: *See*—
Kals, Walter.
Olstad, Martin H., and Graeter. 2,693,247.
- Nibbe, George H., to the United States of America as represented by the Secretary of the Navy. 2,695,962, Cl. 250—36.
- Nibbit Products Association Ltd., assignee: *See*—
Spieser, Louis.
- Nicewander, Daniel A.: *See*—
Hillyer, John C., and Nicewander. 2,683,151.
Hillyer, John C., and Nicewander. 2,689,040.
- Nichinson, David B.: *See*—
Sher, Rudolph, Nichinson, and Schultz. 2,677,797.
- Nichinson, David B., assignor to Kollsman Instrument Corporation. 2,679,167, Cl. 74—409.
- Nichol, Robert J.: *See*—
Hadley, David J., Heap, and Nichol.
Hadley, David J., and Nichol.
- Nicholas, Andrew J. 2,674,264, Cl. 137—604.
- Nicholas, Erford G., Pasadena, Calif. Focusing guide. 2,667,825, Feb. 2.
- Nicholas, Leslie P., assignee: *See*—
Nicholas, Peter J. 2,680,569.
- Nicholas, John W. 2,676,050, Cl. 292—348.
- Nicholas, Peter J., assignor of 50% to L. P. Nicholas. 2,680,569, Cl. 241—55.
- Nicholls, Henry J. 2,683,689, Cl. 204—313.
- Nicholls, Richard S., and D. E. Fonner, to Miles Laboratories, Inc. 2,689,814, Cl. 167—58.
- Nichols, Arnold D., to United Aircraft Corp. 2,683,006, Cl. 248—2.
- Nichols, Brett S., to Demanco Products Inc. 2,690,050, Cl. 60—23.
- Nichols, Charles A., C. L. Clevenger, W. A. Fletcher, and F. L. Zion, assignors to General Motors Corporation. 2,677,874, Cl. 29—155.54.

- Nichols, Charles R., McAllen, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Apparatus for mud weight determination. 2,669,118, Feb. 16.
- Nichols, Clark, and J. B. Carolus, to Leeds and Northrup Co. 2,692,342, Cl. 290—4.
- Nichols, Clayton W., Jr., and H. J. Schroeder, to Socony-Vacuum Oil Co., Inc. 2,695,877, Cl. 252—37.2.
- Nichols, Dan C., Houston, Tex., assignor of one-third to R. L. Moss and one-third to R. H. Russell, Johnson City, Tenn. Track bolt tightener. 2,667,100, Jan. 26.
- Nichols, Elton F.: See—
Sprague, Frank, and Nichols. 2,674,233.
- Nichols, Frederick J., Los Angeles, and R. T. Dowd, Hermosa Beach, assignors to The Garrett Corporation, Los Angeles, Calif. Synchronizing means for direct-current motors using two field windings. 2,673,317, Mar. 23.
- Nichols, Frederick S. 2,681,062, Cl. 128—284.
- Nichols, Frederick S. 2,681,063, Cl. 128—284.
- Nichols, Gordon M., and C. J. Albisetti, assignors to E. I. du Pont de Nemours & Company. 2,677,676, Cl. 260—78.4.
- Nichols, Harry J., Point Pleasant, N. J. Marine propeller steering system. 2,668,514, Feb. 9.
- Nichols, Harry J., Point Pleasant, N. J. Controllable reversible pitch propeller. 2,670,805, Mar. 2.
- Nichols, Harry J. 2,675,084, Cl. 170—160.35.
- Nichols, Harry J. 2,696,270, Cl. 170—160.29.
- Nichols, Henry B. 2,675,418, Cl. 136—28.
- Nichols, Horace E., and G. H. Davis, to said Nichols. 2,688,307, Cl. 118—264.
- Nichols, John B., and W. E. Wayman, to General Electric Co. 2,692,800, Cl. 299—140.
- Nichols, John M. 2,683,391, Cl. 88—30.
- Nichols, John W., San Diego, Calif. Pneumatic boxing helmet. 2,664,567, Jan. 5.
- Nichols, Joseph, to Interchemical Corp. Re. 23,893, Cl. 260—406.
- Nichols, Joseph, to Interchemical Corp. 2,683,126, Cl. 260—23.7.
- Nichols, Merrill C. 2,681,789, Cl. 254—29.
- Nichols, Nell: See—
Bradley, Schuyler L., and Nichols.
- Nichols, Ralph M., Greenville, S. C., assignor to Bob Jones University. Splicing device for magnetic tape. 2,668,576, Feb. 9.
- Nichols, Ralph M., and C. D. Cowan, Greenville, S. C., assignors to Bob Jones University. Film splicing device. 2,672,180, Mar. 16.
- Nichols, Stanhope E., and R. G. Jervis. 2,697,906, Cl. 57—34.5.
- Nichols, William M., assignor to American Locomotive Company. 2,674,086, Cl. 60—29.
- Nichols, William M., to American Locomotive Co. 2,681,049, Cl. 123—27.
- Nichols, William M., to American Locomotive Co. 2,686,514, Cl. 123—191.
- Nichols, William T., to Monsanto Chemical Co. 2,683,163, Cl. 260—465.9.
- Nicholson, Edward W. S., to Standard Oil Development Co. 2,697,653, Cl. 23—288.
- Nicholson, Emmett. 2,674,697, Cl. 250—49.
- Nicholson, Finley C., and C. P. Wilson, Jr., to The Davison Chemical Corp. 2,685,569, Cl. 252—452.
- Nicholson, Frederick A. 2,682,254, Cl. 118—244.
- Nicholson, Garth F.: See—
Chrisman, John L., and Nicholson. 2,695,189.
- Nicholson, George B., Jr., Fulton, N. Y., assignor to The Black-Clawson Company, Hamilton, Ohio. Toothed cutting impeller for pulping solid materials in liquid suspension. 2,665,853, Jan. 12.
- Nicholson, Kenneth C., assignor to The Carborundum Company, Niagara Falls, N. Y. Refractory bodies and compositions and making the same. 2,670,301, Feb. 23.
- Nicholson, Morris E.: See—
Shortsleeve, Francis J., and Nicholson.
- Nicholson, Roderick, Huntington, N. Y. Mortar form. 2,664,741, Jan. 5.
- Nicholson, Thomas W. 2,688,349, Cl. 144—208.
- Nickerson, Walter J. 2,689,204, Cl. 195—100.
- Nicholson, William I., Tulsa, Okla. Bookrack page index device. 2,670,553, Mar. 2.
- Nick, Harry. 2,678,826, Cl. 279—48.
- Nickel, Arthur I.: See—
Pomrenke, Louis F. 2,680,878.
- Nickells, Stanley W., to Minneapolis-Honeywell Regulator Co. 2,694,757, Cl. 200—61.06.
- Nickels, Joseph E., to Koppers Co., Inc. 2,686,815, Cl. 260—609.
- Nickelsen, Dag, K. A. Nilsen, and J. Wledgel, to A/S Nordisk Aluminiumindustri. 2,695,252, Cl. 117—103.
- Nickerson, Bryan W., Jr. 2,691,550, Cl. 301—37.
- Nickerson, Ralph F., to Monsanto Chemical Co. 2,684,346, Cl. 260—29.4.
- Nickerson, Ralph F., to Monsanto Chemical Co. 2,684,347, Cl. 260—29.4.
- Nickey, Sam M.: See—
Wallace, Lewis C. 2,681,871.
- Nickla, Louis E.: See—
Hagen, Clarence R., and Nickla. 2,697,005.
- Nickla, Louis E., Memphis, Tenn., assignor to International Harvester Company. Cotton picker doffer means. 2,664,688, Jan. 5.
- Nicklas, Donald L., to General Electric Co. 2,682,280, Cl. 137—512.15.
- Nickle, Arthur G., assignor to Nickle Engineering, Saginaw, Mich. Hammer mill screen changing mechanism. 2,669,396, Feb. 16.
- Nickle Engineering, assignee: See—
Nickle, Arthur G.
- Nickel, Arthur G. 2,675,182.
- Nickle, Johnson. 2,683,020, Cl. 254—173.
- Nicodemus, Paul O., assignor to General Electric Company. 2,674,648, Cl. 174—121.
- Nicolai, Lloyd A., to Standard Oil Development Co. 2,697,688, Cl. 202—12.
- Nicolaisen, Bernard H., assignor to Mathieson Chemical Corporation. 2,676,911, Cl. 202—39.5.
- Nicolaisen, Bernard H., assignor to Mathieson Chemical Corporation. 2,678,298, Cl. 202—39.5.
- Nicolas, Jean J. 2,691,868, Cl. 60—53.
- Nicolas, Joseph P., Jr. 2,688,454, Cl. 242—90.
- Nicolaus, Frank G.: See—
Hooker, Donald E., and Nicolaus.
- Nicolaus, Frank G., assignor to R. T. Moloney, Chicago, Ill. Permutation and combination control circuit. 2,665,914, Jan. 12.
- Nicolay, Karl, to Durkoppwerke Aktiengesellschaft. 2,697,995, Cl. 112—256.
- Nicolet, Walther H.: See—
Voumard, Bertrand P., and Nicolet.
- Nicoll, Frederick H., and B. Kazan, to Radio Corp. of America. 2,690,517, Cl. 313—70.
- Nicoll, Frederick H., and D. W. Epstein, to Radio Corp. of America. 2,692,218, Cl. 154—2.25.
- Niederer, Herbert O.: See—
Niederer, Otto C., Otto, and H. O. 2,692,133.
- Niederer, Otto: See—
Niederer, Otto C., Otto, and H. O. 2,692,133.
- Niederer, Otto C., Otto, and H. O. 2,692,133, Cl. 265—27.
- Niederhauser, Warren D., to Rohm & Haas Co. 2,689,873, Cl. 260—654.
- Niederl, J. B., & Associates: See—
Niederl, Joseph B., McGreal, and Hart. 2,695,291.
- Niederl, Joseph B. 2,688,033, Cl. 260—458.
- Niederl, Joseph B., M. E. McGreal, and W. F. Hart, to J. B. Niederl & Associates, Inc. 2,695,291, Cl. 260—247.1.
- Nielsen, A. C., Company, assignee: See—
Bateman, George H., Freeman, and Holbrook. 2,676,084.
- Freeman, Robert L. 2,676,085.
- Nielsen, Albert C. 2,677,864, Cl. 24—241.
- Nielsen, Asger K., assignor to Telefon Fabrik Automatic A/S, Copenhagen, Denmark. Coin collecting device. 2,667,255, Jan. 26.
- Nielsen, Axel T.: See—
Stieg, William E., and Nielsen. 2,693,435.
- Nielsen, Borge, assignee: See—
Teisen, Mogens R. G.
- Nielsen, Charles W., assignor to Allis-Chalmers Manufacturing Company. 2,677,795, Cl. 318—65.
- Nielsen, Chester I., assignor to Wesbar Stamping Corporation, West Bend, Wis. Car top carrier with side loading device. 2,668,646, Feb. 9.
- Nielsen, Erik R. 2,681,896, Cl. 260—41.
- Nielsen, Erling J.: See—
Frederiksen, Erling K., and Nielsen. 2,694,031.
- Frederiksen, Erling K., and Nielsen. 2,694,061.
- Frederiksen, Erling K., and Nielsen. 2,694,062.
- Frederiksen, Erling K., and Nielsen. 2,694,063.
- Nielsen, Frederik. 2,687,164, Cl. 153—39.
- Nielsen, Harold R.: See—
Mahr, Julius A. 2,689,158.
- Nielsen, Henning, assignee: See—
Teisen, Mogens R. G.
- Nielsen, Moritz H., assignor to Illinois Tool Works. 2,674,780, Cl. 29—95.1.
- Nielsen, Moritz H., assignor to Illinois Tool Works. 2,674,924, Cl. 90—10.
- Nielsen, Morris L., and R. W. Arnold, assignors to Monsanto Chemical Company. 2,680,077, Cl. 106—15.
- Nielsen, Peter, to Jubilee Mfg. Co. 2,688,129, Cl. 340—388.
- Nielsen, Svend P. L.: See—
Anskjaer, Emil R., Nielsen, and Svendsen.
- Nielson, Niels E., to Newark Brush Co. 2,688,147, Cl. 15—181.
- Nieman, Henry W.: See—
Dougherty, Robert S. A., Chamberlain, and Nieman.
- Nieman, Henry W., to Bethlehem Steel Co. 2,694,313, Cl. 73—351.
- Nieman, Henry W., and G. O. Maish, to Bethlehem Steel Co. 2,692,003, Cl. 153—32.
- Nierman, Leonard G., Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Relay system. 2,668,934, Feb. 9.
- Niemeyer, Edward W., and H. A. Carlson, assignors to Carter Carburetor Corporation. 2,678,227, Cl. 287—93.
- Niesemann, Fritz, assignor to Rockwell Manufacturing Company, Pittsburgh, Pa. Fluid regulator valve. 2,664,674, Jan. 5.
- Niesemann, Fritz, to Rockwell Mfg. Co. 2,681,257, Cl. 308—36.2.
- Nightingale, William J., assignor to Sterling Manufacturing Company. 2,675,235, Cl. 272—66.
- Nigro, Joseph G. 2,674,862, Cl. 62—108.5.

- Nigro, Louis V. : *See*—
Muros, Joseph, and Nigro. 2,694,856.
- Nilranen, John V. 2,686,374, Cl. 35—17.
- Nijboer, Johannes, to Hartford National Bank and Trust Co., as trustee. 2,686,349, Cl. 29—25.15.
- Nijenhuis, Willem : *See*—
Tellegen, Bernardus D. H., and Nijenhuis. 2,697,759.
- Nikawitz, Edward J. : *See*—
Gump, William S., and Nikawitz. 2,675,408.
Gump, William S., and Nikawitz. 2,688,638.
Gump, William S., and Nikawitz. 2,688,639.
- Nikkel, Benjamin L. 2,691,340, Cl. 100—187.
- Niks, Nicholas J., Munising, Mich. Apparatus for manufacture of paper. 2,665,615, Jan. 12.
- Niks, Nicholas J., Munising, Mich. Making soft papers adaptable to impregnation. 2,666,369, Jan. 19.
- Niles-Bement-Pond Co. : *See*—
Chandler, Milton E. 2,697,909.
Fox, Raymond S. 2,693,037.
Hunt, Scott F.
Hunt, Scott F., and Gilbert.
Lee, Leighton, II. 2,675,674.
Lee, Leighton, II. 2,678,698.
Lee, Leighton, II. 2,687,009.
Lee, Leighton, II. 2,688,229.
Prentiss, Augustin M. 2,691,268.
Sager, Leonard E.
Soule, Harold B., and Smithson.
Woodward, James S. 2,690,647.
- Niles, George E., to Monsanto Chemical Co. 2,698,264, Cl. 117—139.5.
- Niles, Irving F., Shaker Heights, and R. K. Norton, Twinsburg, assignors to Harris-Seybold Company, Cleveland, Ohio. Dual delivery for printing presses. 2,673,735, Mar. 30.
- Niles, John R., Detroit, Mich. Voltage regulator. 2,668,244, Feb. 2.
- Nilgen, Karl A. : *See*—
Aeckersberg, Gustav, and Nilgen.
- Nilles, Herbert G., Jr., to the United States of America as represented by the Secretary of the Navy. 2,684,448, Cl. 307—132.
- Nilsen, George H. : *See*—
Cote, Omer E., and Nilsen. 2,697,968.
- Nilsen, Knut A. : *See*—
Nickelsen, Dag, Nilsen, and Wleügel. 2,695,252.
- Nilson, John R., to The Hays Corp. 2,692,357, Cl. 318—28.
- Nilsson, Erland B. : *See*—
Vörts, Svend Aage, and Nilsson. 2,688,715.
- Nilsson, Gustav R. 2,680,555, Cl. 228—66.
- Nilsson, Hans R. : *See*—
Boestad, Gustav K. W., and Nilsson. 2,674,089.
Trulsson, Sven I., and Nilsson. 2,680,598.
- Nilsson, Johan G., to Arencio Aktiebolag. 2,698,076, Cl. 198—131.
- Nims, Albert A., Jr., assignor to Westinghouse Electric Corporation. 2,677,053, Cl. 250—27.
- Nims, Paul T., and A. Chadkewicz, Detroit, Mich., said Chadkewicz now by change of name A. Chadwick, assignors to Chrysler Corporation, Highland Park, Mich. Electromechanical change-speed transmission and brake control for vehicles. 2,666,492, Jan. 19.
- Nims, Philip A., to Crompton & Knowles Loom Works. 2,693,828, Cl. 139—57.
- Ninemire, Bette L. : *See*—
Mundt, Mera R., Finkenbinder, Ninemire, and Heighway. 2,696,873.
- Ninni, Italo. 2,694,577, Cl. 274—4.
- Nippert Electric Products Company, The, assignee : *See*—
Nippert, Paul W.
- Nippert, Paul W., assignor to The Nippert Electric Products Company, Columbus, Ohio. Electrical collector ring assembly. 2,671,865, Mar. 9.
- Nippon Kayaku Co., Ltd. : *See*—
Yamanaka, Kunio, Yamamoto, Kawamura, and Ito. 2,681,339.
- Nisbet, Calvin and C. S., Jr. 2,682,728, Cl. 47—1.
- Nisbet, Carl S., Jr. : *See*—
Nisbet, Calvin, and C. S. 2,682,728.
- Nisbet, Robert E. 2,694,892, Cl. 56—30.
- Nisle, Robert G., and F. H. Poettmann, assignors to Phillips Petroleum Company. 2,679,212, Cl. 103—232.
- Nissel, Frank R., to Union Carbide and Carbon Corp. 2,689,379, Cl. 18—56.
- Nissen, Warren I., assignor to Ronson Art Metal Works, Inc. 2,676,475, Cl. 67—7.1.
- Nissen, Warren I., to Ronson Corp. 2,682,165, Cl. 67—4.1.
- Nistico, Frank, and B. S. Sprague, to Celanese Corp. of America. 2,694,311, Cl. 73—160.
- Nistri, Umberto. 2,693,129, Cl. 88—24.
- Nitschke, Norman C. : *See*—
Dunipace, Donald W., and Nitschke.
- Nitz, Albert A. : *See*—
Hicks, Paul E., Hellenga, and Nitz. 2,681,090.
- Nitzberg, Ben, Miami Beach, Fla. Combined parking guide and visual indicator for vehicle headlights. 2,672,841, Mar. 23.
- Nitzsche, Siegfried, Burghausen, assignor, by mesne assignments, to Wacker-Chemie G. m. b. H., Munich, Germany. Preparation of organosilanes by reaction of silicon with organic halides. 2,666,775, Jan. 19.
- Nitzsche, Siegfried, Burghausen, Upper Bavaria, assignor, by mesne assignments, to Wacker-Chemie G. m. b. H., Munich, Germany. Production of organic silicon compounds. 2,666,776, Jan. 19.
- Nivison, Wade S. : *See*—
Schubert, Alvin E., and Nivison. 2,682,193.
- Nixon, Alan C., assignor to Shell Development Company. 2,675,410, Cl. 260—583.
- Nixon, John E. A., assignor to Marconi's Wireless Telegraph Company. 2,680,149, Cl. 178—7.3.
- Nixon, John E. A., to Marconi's Wireless Telegraph Co. Ltd. 2,685,620, Cl. 179—171.
- Noack, Gust C., Valley City, N. Dak. Rivet remover for chains. 2,671,310, Mar. 9.
- Noall, John, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Brake block cutter. 2,665,527, Jan. 12.
- Nobillium Processing, Inc., assignee : *See*—
Prosen, Emil M. 2,674,571.
- Nobis, George V., to Bonafide Mills, Inc. 2,693,658, Cl. 41—1.
- Noble, Albert R., to Sifo Co. 2,690,912, Cl. 273—157.
- Noble, Burton A., Oakland, Calif., assignor to Owens-Illinois Glass Company. Apparatus for fire finishing glass articles. 2,666,277, Jan. 19.
- Noble, Herschel H., to E. Kahn's Sons Co. 2,681,270, Cl. 23—280.
- Noble, James H., R. Pottberg, and U. C. Tainton, deceased (by R. Pottberg, administrator), assignors to Freeport Sulphur Company. 2,678,289, Cl. 134—3.
- Noble, James H., R. Pottberg, and U. C. Tainton, deceased (by R. Pottberg, administrator), assignors to Freeport Sulphur Company. 2,678,290, Cl. 134—3.
- Noble Manufacturing Company, assignee : *See*—
Schulte, John A. 2,674,836.
- Noble, Robert G. 2,676,720, Cl. 214—515.
- Noble, Sidney G., and C. E. Woodrow, to The Du Bois Co., Inc. 2,687,139, Cl. 137—5.
- Noble, Spencer W., and L. H. Bannister, to National Research Development Corp. 2,691,728, Cl. 250—27.
- Noble, Wayne I., Denver, Colo. Ore concentrator. 2,672,237, Mar. 16.
- Noble, William H., to Pennsylvania Pump & Compressor Co. 2,683,638, Cl. 309—3.
- Nocona Leather Goods Co. : *See*—
Tompkins, Walter T. 2,681,448.
- Noddin, George A. : *See*—
Davis, Clyde O., Lewis, and Noddin. 2,685,251.
- Noddin, George A., and P. A. Ramsdell, to E. I. du Pont de Nemours & Co. 2,685,835, Cl. 102—28.
- Noddings, William C. : *See*—
Meltreder, Frank, and Noddings. 2,674,715.
- Noe, Clark R. 2,674,337, Cl. 182—2.
- Noe, Frank, to The Fafnir Bearing Co. 2,697,015, Cl. 308—180.
- Noe, Harold C., to Kidde Mfg. Co., Inc. 2,685,787, Cl. 66—121.
- Noe, Harold C., to Kidde Mfg. Co., Inc. 2,694,909, Cl. 66—116.
- Noe, William J., to Collins Radio Co. 2,684,538, Cl. 33—185.
- Noecker, Marshall V. 2,681,244, Cl. 292—85.
- Noel, Dwight P., Jr. : *See*—
Linnenbank, Donald, Money, and Noel. 2,687,106.
- Noel, Edward B., Cleveland Heights, and P. A. Dell, Highland Heights, Ohio, assignors to General Electric Company. Ribbon lead construction. 2,667,595, Jan. 26.
- Noel, Henry M., assignor to Standard Oil Development Company. 2,676,908, Cl. 196—55.
- Noelting, William H., assignor to Faultless Caster Corporation. 2,674,012, Cl. 19—142.
- Noether, Herman D. : *See*—
Ross, Stanley E., and Noether. 2,698,317.
- Noftinger, John B. 2,696,383, Cl. 273—55.
- Noggle, Dwayne J. : *See*—
Lock, James S., and Noggle.
- Noguera, Joseph, to Casablanco High Draft Co. Ltd. 2,683,290, Cl. 19—131.
- Noguera, Joseph, to Casablanco High Draft Co. Ltd. 2,686,938, Cl. 19—131.
- Noguera, Joseph, to Casablanco High Draft Co. Ltd. 2,696,026, Cl. 19—131.
- Nokes, Ernest S. : *See*—
Stratton, Frank E., Nokes, and Chase. 2,687,675.
- Nolan Company, The, assignee : *See*—
Merritt, Glenn W. 2,679,213.
- Nolan, Frank G. : *See*—
Silverton, Richard G., and Nolan. 2,689,127.
- Nolan, Nicholas J. 2,694,244, Cl. 24—230.
- Nolan, Patrick R. : *See*—
Moore, Scott, Meyers, and Nolan.
- Nolan, Stephen J. 2,679,094, Cl. 30—48.
- Noland, James R. : *See*—
Rahm, John D., and Noland.
- Nolde, George V., assignor to Marchant Calculators, Inc. 2,680,808, Cl. 250—27.
- Nolde, George V., to Marchant Calculators, Inc. 2,690,302, Cl. 235—92.
- Nolde, George V., and H. K. St. Clair, to Marchant Calculators, Inc. 2,690,303, Cl. 235—92.
- Noll, Edward A., to The Nolvex File Co. 2,687,562, Cl. 29—78.

- Noll, Josef H. 2,687,540, Cl. 7—17.
 Noll, Walter, and P. Simons, to Farbenfabriken Bayer Aktiengesellschaft. 2,687,399, Cl. 260—46.5.
 Nolt, Edwin B., to The New Holland Machine Division of The Sperry Corp. 2,686,467, Cl. 100—179.
 Nolte, Albert C.: See—
 Proctor, Barton A. 2,693,363.
 Proctor, Barton A., and B. A. Proctor, Jr. 2,674,895.
 Nolte, Henry J., Schenectady, N. Y., assignor to General Electric Company. Metalizing a ceramic member. 2,667,427, Jan. 26.
 Nolte, Henry J., Schenectady, N. Y., assignor to General Electric Company. Metalized ceramic. 2,667,432, Jan. 26.
 Noltingk, Bernard E.: See—
 Birkbeck, Guy, Tremlett, Noltingk, and Neppiras. 2,676,236.
 Nolvex File Co., The: See—
 Noll, Edward A. 2,687,562.
 Noma Lites, Inc., assignee: See—
 Szel, Louis. 2,677,548.
 Nomiya, Frank K. 2,675,572, Cl. 15—164.
 Noon, T. Cyril, to Thompson Products, Inc. 2,696,405, Cl. 299—58.
 Nopco Chemical Co.: See—
 Canterino, Peter J. 2,694,052.
 Kelley, Maurice J., and Levy. 2,681,354.
 Klein, Howard C., and Kapp. 2,688,027.
 Levy, Joseph. 2,684,371.
 Levy, Joseph, and Bernotsky. 2,685,583.
 Noponen, George E., White Bear, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Red iron oxide of high color purity and making same. 2,665,193, Jan. 5.
 Noranda Mines Limited, assignee: See—
 Clark, Charles W., and Morrison. Re. 23,825.
 Norbom, Ragnar A. 2,683,360, Cl. 62—117.65.
 Norcor Manufacturing Company, Inc., assignee: See—
 Supita, Adolph F. 2,676,645.
 Nor-Cos Corp.: See—
 Costello, Vincent A. 2,694,333.
 Nordahl, Andrew. 2,690,585, Cl. 16—97.
 Nordahl, John G., to Bell Telephone Laboratories, Inc. 2,691,723, Cl. 250—6.
 Nordberg Mfg. Co.: See—
 Bader, Gerald L., and Wohanka. 2,678,030.
 Froehlich, Kurt F. 2,689,451.
 Gruender, Oscar C. 2,679,984.
 Gruender, Oscar C. 2,679,985.
 Kellogg, Joseph. 2,691,080.
 Miller, Ralph.
 Protzeller, Harry W. 2,697,290.
 Talboys, Henry H. 2,684,040.
 Werner, Ewald. 2,684,208.
 Nordby, Roger M., Evanston, Ill., assignor to Zenith Radio Corporation. Tuning system for wave-signal receivers. 2,668,235, Feb. 2.
 Nordean, Albert, assignor to General Mills, Inc. 2,679,344, Cl. 226—25.
 Nordell, Carl H.: See—
 Tapleshay, John A., and Nordell. 2,694,042.
 Nordell, Carl H., Palm Springs, assignor of fifteen per cent to L. N. Millsbaugh, Long Beach, and fifteen per cent to A. N. Kaspar, Stafford Inn, Scotia, Calif. Transfer and comminuting device for screens. 2,672,985, Mar. 23.
 Norden Laboratories Corp., The: See—
 Bredemeier, Herbert.
 Coulbourn, William C., and Sandberg. 2,694,927.
 Hellen, James S. 2,694,942.
 Schaefer, Carl F. 2,677,286.
 Ten Bosch, Maurits, and Schaefer.
 Nordenson, Willard H., to Deere Mfg. Co. 2,695,503, Cl. 64—1.
 Nordenstam, Norris, Riverside, Calif. Lawn sprinkler. 2,670,993, Mar. 2.
 Nordfors, Kurt M., to Aktiebolaget Bofors. 2,684,570, Cl. 60—35.6.
 Nordfors, Kurt M., to Aktiebolaget Bofors. 2,684,629, Cl. 102—49.
 Nordgren, Robert: See—
 Roach, John R., and Nordgren. 2,676,172.
 Nordin, Nils E. 2,696,387, Cl. 280—96.2.
 Nordin, Obert L., assignor to Thornhill-Craver Company, Inc., Houston, Tex. Pressure relief device. 2,673,660, Mar. 30.
 Nordin, Obert L., to Thornhill-Craver Co., Inc. 2,684,689, Cl. 137—460.
 Nordischer Maschinenbau Rudolf Baader: See—
 Baader, Rudolf. 2,693,872.
 Nordman, Henry E.: See—
 Terry, Eselle, and Nordman. 2,675,285.
 Nordmark, Walter E.: See—
 Hoven, Alfred C., and Nordmark.
 Hoven, Alfred C., Nordmark, Poel, and Humphries. 2,681,100.
 Nordmark, Walter E., assignor to American Seating Company. 2,675,063, Cl. 155—130.
 Nordmark, Walter E., to American Seating Co. 2,690,950, Cl. 312—310.
 Nordmark, Walter E., to American Seating Co. 2,694,442, Cl. 155—142.
 Nordquist, George: See—
 Heilprin, Laurence B., Krupen, and Nordquist. 2,696,103.
 Nordquist, Ronald E. J.: See—
 Preis, Carl G., and Nordquist. 2,682,344.
 Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Fiber container with duplex closure member. 2,673,021, Mar. 23.
 Nordstrom, Gustaf E., assignor to American Fibre Corporation, Gardner, Mass. Machine for making cord from twisted web material. 2,665,541, Jan. 12.
 Nordström, Leon. 2,696,311, Cl. 214—8.5.
 Nordwestdeutscher Rundfunk, assignee: See—
 Grosskopf, Herbert. 2,678,967.
 Noregaard, Maurice J. 2,689,279, Cl. 200—87.
 Norehad, Onnig M., Chicago, Ill. Packing cords, especially adapted to function as a sealing gasket for drums, pails, and barrels, in which lard and other shortenings are confined for shipment. 2,666,005, Jan. 12.
 Norelius, Emil F., M. Toth, and D. Rinkema, Springfield, Ill., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic control system. 2,664,708, Jan. 5.
 Noren, Tore H.: See—
 Federighi, George J., and Noren. 2,689,639.
 Norensky, Daniel. 2,676,700, Cl. 206—47.
 Norgaard, Donald E., to General Electric Co. 2,685,660, Cl. 315—12.
 Norgren, C. A., Co.: See—
 Norgren, Carl A. 2,682,393.
 Norgren, Carl A., to C. A. Norgren Co. 2,682,393, Cl. 261—78.
 "Noris" Zünd A. G.: See—
 Harsch, Paul, and Rinkel. 2,688,101.
 Norlén, Per I., Stockholm, Sweden. Pneumatic dental machine. 2,664,632, Jan. 5.
 Norlindh, Sven E. M. 2,676,502, Cl. 80—39.
 Norman, Edward A., Jr., C. A. Reichelderfer, H. L. Herzig, and H. G. Raymer, to Norman Products Co. 2,697,428, Cl. 126—110.
 Norman, Eugene C., to Pettersen Mfg. Co., Inc. 2,689,404, Cl. 33—109.
 Norman, Eugene C., to Pettersen Mfg. Co., Inc. 2,689,405, Cl. 33—110.
 Norman, George H. C.: See—
 Gordon, James R., Norman, Queneau, Sproule, and Young.
 Norman, Harry H., Superior, Wis., assignor to Minot Builders Supply Co., Inc. Jack for elevating forms and floors during the pouring of concrete. 2,673,066, Mar. 23.
 Norman, Horace M. 2,687,172, Cl. 160—375.
 Norman, Horace M. 2,687,455, Cl. 200—61.43.
 Norman, Joseph T. 2,675,867, Cl. 158—91.
 Norman Products Co.: See—
 Norman, Edward A., Jr., Reichelderfer, Herzig, and Raymer. 2,697,428.
 Norman, Sidney L., Fort Lauderdale, Fla. Vision testing selector slide. 2,670,654, Mar. 2.
 Norman, Thomas: See—
 Ihle, Orden E., and Norman. 2,682,161.
 Norman, Wayne A., and C. K. Sitterly, to Carr, Adams & Collier Co. 2,688,523, Cl. 311—18.
 Norman, William S.: See—
 Foster, David B., and Norman.
 Norman, William S., Chester, and C. H. V. Sawyer, Hayes, assignors to C. D. Patents Limited, London, England. Making a heat exchanger. 2,670,311, Feb. 23.
 Normand, Gerard: See—
 Ballachev, Robert G., and Normand. 2,673,980.
 Normand, Wilfred T., to Celanese Corp. of America. 2,696,421, Cl. 8—151.
 Normandeau, Jerome R., and G. Adamec; said Adamec assignor to said Normandeau. 2,696,624, Cl. 15—39.
 Normandeau, Louis. 2,677,451, Cl. 198—17.
 Norquist, Ronald E. J., and J. Felber, to American Can Co. 2,687,202, Cl. 198—22.
 Norris, David E., Wynnewood, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Solids lift disengager. 2,672,374, Mar. 16.
 Norris, David E., to Houdry Process Corp. 2,683,109, Cl. 196—52.
 Norris Dispensers, Inc.: See—
 Norris, Lannie F., Timmersman, and Sage. 2,681,747.
 Norris, Henry D.: See—
 Landis, Phillip S., Norris, and White. 2,693,448.
 White, Ralph V., and Norris. 2,697,073.
 Norris, Henry D., and R. V. White, assignors to Socony-Vacuum Oil Company, Incorporated. 2,679,481, Cl. 252—50.
 Norris, Henry D., and R. V. White, to Socony-Vacuum Oil Co., Inc. 2,697,074, Cl. 252—50.
 Norris, John R. 2,678,999, Cl. 250—14.
 Norris, Lannie F., D. J. W. Timmersman, and T. L. Sage, to Norris Dispensers, Inc. 2,681,747, Cl. 222—185.
 Norris, Lannie F., and D. J. W. Timmersman, to Norris Mfg. Co. 2,683,556, Cl. 222—184.
 Norris Mfg. Co.: See—
 Norris, Lannie F., and Timmersman. 2,683,556.
 Norris, Raymond R., and R. R. Fifer. 2,692,711, Cl. 223—95.
 Norris, Raymond W. 2,694,543, Cl. 248—226.

- Norris, Richard H., and H. E. Woodard, assignors to New Method Steel Stamps, Inc. 2,676,534, Cl. 101—28.
- Norris, Russell E. 2,681,671, Cl. 144—242.
- Norris, William A., Alhambra, Calif. Fifth wheel safety hitch. 2,673,747, Mar. 30.
- Norris, William C., and R. E. Miller. 2,683,869, Cl. 340—171.
- Norris, William H.: *See—*
Thomes, Charles E., and Norris.
- Norris, William R., Clark Township, Union County, N. J., assignor to Standard Oil Development Company. Purification of alcohols. 2,668,863, Feb. 9.
- Norsk Speilfabrikk- & Glassliperi A/S, assignee: *See—*
Jacobsen, Erling S. 2,675,984.
- North Electric Mfg. Co., The: *See—*
Blashfield, William H. 2,675,515.
Blashfield, William H., and Breese. 2,679,637.
Breese, Samuel R., and Harris. 2,688,438.
Clement, Arthur W. 2,680,161.
- North, Gerald C., R. A. Klein, and P. P. Noznick, assignors to Beatrice Foods Company, Chicago, Ill. Chocolate mix. 2,672,419, Mar. 16.
- North, Harold D., Jr.: *See—*
Ivins, Herbert L., and North. 2,697,635.
Rogers, Edmund, and North. 2,678,846.
Waters, Harold A., Tanner, and North. 2,690,355.
- North, Harper Q., S. H. Barnes, and J. F. Roach, to Hughes Aircraft Co. 2,693,555, Cl. 317—236.
- North, Harper Q., and J. N. Carman, Jr., to Hughes Aircraft Co. 2,694,168, Cl. 317—234.
- North, Howard C.: *See—*
Yurasko, Frank H., and North.
- North, Howard C., and M. S. Northup, to Standard Oil Development Co. 2,684,837, Cl. 261—114.
- North, Irving W., assignor to Giddings & Lewis Machine Tool Company. 2,676,501, Cl. 77—58.
- North & Judd Mfg. Co.: *See—*
Freysinger, John B. 2,695,187.
- North, Richard M., assignor to Farley Manufacturing Company. 2,678,276, Cl. 99—134.
- North, Thomas C., assignor to Universal Manufacturing Corp., Zelienople, Pa. Portable shoring. 2,671,697, Mar. 9.
- Northam, Waters C.: *See—*
Smith, Horace L., Jr., and Northam.
- North American Aviation, Inc.: *See—*
Anderson, Carl W., and Boarts. 2,678,015.
Carter, William A., and Wythe. 2,679,770.
Clark, James M. 2,688,455.
Curci, Raymond L., and Smith. 2,692,582.
Dobbins, John P. 2,681,409.
Horkey, Edward J.
Martin, Eric L., and Fosness.
Martin, Eric L., and Leighton. 2,692,739.
Mullins, William D., Jr., and Smith. 2,677,963.
Patch, Arthur C., and Wallenhorst.
Payne, Fred A., Jr. 2,692,097.
Peck, Volney A.
Pribil, Richard F., and Falbaum. 2,679,367.
Quirolo, Charles F. 2,694,343.
Raymond, Roger S. 2,681,683.
Riedel, Walther, and Wessels. 2,674,088.
Salamonovich, George M. 2,686,282.
Sanz, Manuel C., and Castelfranco. 2,676,773.
Savage, Edgar E. 2,692,607.
Schmued, Edgar, and Olmore. 2,692,098.
Sprague, Robert B., and Anderson. 2,680,350.
Vehige, Joseph G.
Willard, David S. 2,696,582.
Woerdemann, Hugo H. 2,682,633.
Woods, Leroy R. 2,677,027.
- North American Cement Corp.: *See—*
West, Richard R. 2,684,913.
- North American Geophysical Co.: *See—*
Cloud, Raymond T. 2,681,568.
Cloud, Raymond T. 2,696,676.
- North American Philips Co., Inc.: *See—*
Hamacher, Edward A. 2,695,102.
Lowitzsch, Kurt. 2,692,173.
- North American Rayon Corp.: *See—*
Bley, Rudolph S. 2,677,511.
Carter, Ralph H. 2,681,486.
Little, Lonnie A., and Williams.
Mitchell, Barry. 2,683,571.
- North American Research Corporation, assignee: *See—*
De Millar, Floyd O.
- North American Solvay, Inc.: *See—*
Basilewsky, Alexis. 2,690,128.
- Northcote, John A., assignor to John Deere Plow Company (Limited), Welland, Ontario, Canada. Pivotal bevel gearing. 2,672,762, Mar. 23.
- Northcott, Roy P.: *See—*
Porter, Frederick W. B., Northcott, and Rowland.
Porter, Frederick W. B., and Porter. 2,687,985.
- Northcutt, Walter E., to Manco Mfg. Co. 2,688,231, Cl. 60—52.
- Northeast Tool & Die Works, Inc.: *See—*
Anderson, Harold J. 2,685,005.
- Northern Electric Co., Ltd.: *See—*
Anderson, Clarence A., and Barrie. 2,683,254.
- Northern Engraving & Mfg. Co.: *See—*
Brlitzke, Adrian P. 2,685,227.
- Northern Industrial Products, assignee: *See—*
Maczynski, Jerzy M. 2,676,568.
- Northern Minerals Inc.: *See—*
Walner, Eugene. 2,674,541.
Walner, Eugene. 2,686,731.
- Northern Pump Company, assignee: *See—*
Gondek, John T. 2,679,107.
- North Hollywood Concrete Tile Co.: *See—*
Clanton, Albert R. 2,682,093.
- North Penn Co., Inc.: *See—*
Riesgo, Ralph A. 2,698,162.
- Northquist, Lawrence C.: *See—*
Pfeffer, Woodrow W., and Northquist.
- Northrop Aircraft, Inc.: *See—*
Ashkenas, Irving L. 2,684,215.
Brazil, Thomas C., and Fisk, and Privett. 2,688, 185.
Brisack, Allen G. 2,688,497.
Brisack, Allen G. 2,697,375.
Clark, Walter M.
Clifton, John R. 2,692,662.
Crandall, Ronald E. 2,682,381.
Ellison, John M., Moore, and Pease. 2,693,922.
Feeney, Thomas A. 2,694,536.
Feeney, Thomas A., and Browne. 2,678,179.
Feeney, Thomas A., Glenn, Degenfelder, Crandall, and Ripley.
Graham, Connelly L. 2,678,785.
Graves, Loinel R. 2,684,105.
Grill, Raymond E.
Hall, John M., Andrews, Madsen, and McConnell. 2,685,794.
Hansen, Otto A. 2,676,127.
Hansen, Otto A., and Lampman. 2,680,582.
Hodgson, Richard W., and Parrish. 2,676,674.
Jamison, Kenneth B. 2,674,485.
Johnson, Orvin S.
Lampman, James A., and Remillard. 2,685,813.
Larsen, George E. 2,696,241.
Martin, Leo C. 2,685,882.
McDonald, John B.
McKellar, John D. 2,680,581.
Michael, Harold E. 2,680,346.
Morris, Robert C. 2,691,898.
Morris, Willis B.
Motis, Gilbert M. 2,692,390.
Northrop, John K., Parker, and Feeney. 2,678,176.
Oates, Charles E., and Brookshire. 2,684,216.
Parker, Richard L. 2,682,771.
Parker, Warde L. 2,675,679.
Rhoades, Rex V., Keene and Stevens. 2,688,726.
Sackman, Loy W., and Brady.
Starck, Halvar G.
Starck, Halvar G. 2,679,333.
Williams, Charles R.
Zimmer, Harold J. 2,686,024.
- Northrop, John H.: *See—*
Northrop, John K. and J. H., and Nagy. 2,687,304.
- Northrop, John K., W. L. Parker, and T. A. Feeney, assignors to Northrop Aircraft, Inc. 2,678,176, Cl. 244—75.
- Northrop, John K. and J. H., and M. Nagy; said J. H. Northrop and said M. Nagy assors. to said J. K. Northrop. 2,687,304, Cl. 273—86.
- North Shore Cutting Die Co.: *See—*
Leskiewicz, Stanley, and Hartung.
Leskiewicz, Stanley, and Hartung. 2,690,204.
- Northup, Maynard S.: *See—*
North, Howard C., and Northup. 2,684,837.
- Northwest Nut Growers: *See—*
Mulvany, Harry A., Kofoid, and Schoolcraft. 2,685,312.
- Northwest Radio Consultant Service, assignee: *See—*
Miller, Edwin C. 2,679,626.
- Northwestern Corp., The: *See—*
Jones, Alva R. 2,696,324.
- Norton, Charles L., Jr.: *See—*
Harter, Isaac, and Norton. 2,674,539.
- Norton, Charles L., Jr., and A. B. Steever, to The Babcock & Wilcox Co. 2,688,046, Cl. 13—2.
- Norton, Charles T., Jr. 2,685,699, Cl. 12—128.4.
- Norton Co.: *See—*
Alvord, Charles C. 2,697,316.
Comstock, George E., 3rd. 2,681,944.
Comstock, George E. 3d, and Crompton. 2,695,478.
Fred, Walter. 2,693,061.
Green, Clarence J. 2,694,881.
Hill, Oiva E.
Hill, Oiva E. 2,694,888.
Indge, Herbert S. 2,695,479.
Kistler, Samuel S.
Kistler, Samuel S. 2,679,545.
Kistler, Samuel S. 2,680,771.
Kistler, Samuel S. 2,681,260.
Kistler, Samuel S. 2,696,425.
Mader, Stewart S. 2,693,059.
Mader, Stewart S., and Silven. 2,693,060.
Montgomery, Harold R.
Montgomery, Harold R., and Szymaszek. 2,677,627.
Moule, Rex E. 2,686,109.
Perry, James H. 2,693,670.
Silven, Herbert A., and Mader. 2,674,831.
Silven, Herbert A., and Mader. 2,693,062.

- Norton Co.: *See*—Continued.
 Sjogren, John K. 2,680,895.
 Stone, H. Nathan.
 Van der Pyl, Edward. 2,674,008.
 Wheildon, William M., Jr. 2,695,628.
 Wheildon, William M., Jr. 2,696,413.
 Norton, Desmond H., and M. A. Hardin. 2,693,662, Cl. 43—57.5.
 Norton, Frederick H.: *See*—
 Tillotson, Wesley T., and Norton. 2,678,466.
 Norton, Harold A. 2,687,160, Cl. 152—222.
 Norton, James P., to United Shoe Machinery Corp. 2,686,930, Cl. 18—2.
 Norton, Lowell E., Princeton Junction, N. J., assignor to Radio Corporation of America. Stabilized generator. 2,669,659, Feb. 16.
 Norton, Lowell E., Princeton, N. J., assignor to Radio Corporation of America. Wide-band modulation of frequency-stabilized oscillators. 2,669,693, Feb. 16.
 Norton, Lowell E., Princeton, N. J., assignor to Radio Corporation of America. Microwave frequency control. 2,672,557, Mar. 16.
 Norton, Lowell E., to Radio Corp. of America. 2,683,217, Cl. 250—36.
 Norton, Lowell E., to Radio Corp. of America. 2,683,218, Cl. 250—36.
 Norton, Lowell E., to Radio Corp. of America. 2,686,897, Cl. 324—87.
 Norton, Lowell E., to Radio Corp. of America. 2,688,701, Cl. 250—36.
 Norton, Lowell E., to Radio Corp. of America. 2,690,538, Cl. 332—19.
 Norton, Lowell E., to Radio Corp. of America. 2,695,361, Cl. 250—36.
 Norton, Mahlon H., and W. J. Spaven, to Petcar Research Corp. 2,697,824, Cl. 340—214.
 Norton, Ralph S., Brooklyn, assignor to The Sperry Corporation, Long Island City, N. Y. Switching circuit. 2,671,169, Mar. 2.
 Norton, Raymond J., assignee: *See*—
 Christensen, Leo M.
 Norton, Robert K.: *See*—
 Niles, Irving F., and Norton.
 Norton, Samuel H., to Thompson Products, Inc. 2,694,659, Cl. 148—10.
 Norton, Samuel H., to Thompson Products, Inc. 2,697,865, Cl. 29—33.
 Norton, Sir James Farmer, & Company Limited, assignee: *See*—
 Norton, William J.
 Norton, William J., assignor to Sir James Farmer Norton & Company Limited, Salford, England. Plural motors driving reversible draw rollers. 2,666,875, Jan. 19.
 Norvill, Hardy A.: *See*—
 Shepherdson, William L. 2,683,483.
 Norwich Pharmacal Co.: *See*—
 Gever, Gabriel. 2,695,300.
 Ward, William C. 2,693,438.
 Weckesser, Charles L. 2,691,259.
 Norwitz, George. 2,680,711, Cl. 204—52.
 Norwood, Donald W. 2,684,610, Cl. 88—22.5.
 No-Sag Spring Co.: *See*—
 Gould, Byron C. 2,695,655.
 Grattan, George H.
 Handren, Arthur V., Jr. 2,696,871.
 Handren, Arthur V., Jr., and Vogel. 2,685,330
 Hopkes, Henry, Jr. 2,685,328
 Nosco Plastics, assignee: *See*—
 Roehrl, Bruno C.
 Nosco Plastics, Inc.: *See*—
 Roehrl, Bruno C. 2,690,946.
 Roehrl, Bruno C. 2,690,947.
 Nossen, Ernest S. 2,681,268, Cl. 23—145.
 Nourse, Philip R., and R. Kimes, to The Garrett Corp. 2,695,609, Cl. 128—142.
 Novak, Izador J., assignor to Raybestos-Manhattan, Inc. 2,675,745, Cl. 92—38.
 Novak, Izador J., to Raybestos-Manhattan, Inc. 2,681,870, Cl. 117—65.
 Novak, Izador J., to Raybestos-Manhattan, Inc. 2,685,825, Cl. 92—20.
 Novak, Izador J., to Raybestos-Manhattan, Inc. 2,697,740, Cl. 174—110.
 Novak, Mary. 2,688,239, Cl. 65—61.
 Novas, Camilo V., Havana, Cuba. Rotary vacuum and compression pump. 2,672,282, Mar. 16.
 Novello, Frederick C., to Merck & Co., Inc. 2,687,436, Cl. 260—590.
 Novick, Abraham, assignor to F. L. Smithe Machine Co., Inc. 2,677,422, Cl. 164—28.
 Novick, Abraham, to F. L. Smithe Machine Co. Inc. 2,696,354, Cl. 242—68.
 Novick, William. 2,674,771, Cl. 24—113.
 Novo Therapeutisk Laboratorium A/S: *See*—
 Mossin, Kai B. 2,698,130.
 Novotny, Edison H., and L. M. Hedges, to Johns-Manville Corp. 2,682,085, Cl. 19—76.
 Novotny, Edward C. 2,695,556, Cl. 99—365.
 Nowak, Leon J., Jr.: *See*—
 Williams, Ralph E., and Nowak. 2,691,416.
 Nowak, Leon J., Jr., Park Ridge, Ill. Twin beam weigher. 2,669,412, Feb. 16.
 Nowak, Milton, to Nuodex Products Co., Inc. 2,692,204, Cl. 106—15.
 Nowak, Theodore J., assignor to Union Oil Company of California. 2,675,081, Cl. 166—17.
 Nowak, Theodore J., to Union Oil Co. of California. 2,692,755, Cl. 255—1.8.
 Nowakowski, Edward, assignor to Helene Curtis Industries, Inc., Chicago, Ill. Bottle filling machine. 2,665,045, Jan. 6.
 Noxon, Paul A., assignor to Bendix Aviation Corporation. 2,674,423, Cl. 244—77.
 Noxon, Paul A., assignor to Bendix Aviation Corporation. 2,679,366, Cl. 244—77.
 Noxon, Paul A., and A. Bennett, assignors to Bendix Aviation Corporation. 2,680,193, Cl. 250—27.
 Nox-Rust Chemical Corp.: *See*—
 Fortino, Frank. 2,682,429.
 Noyes, Edwin A., 25% to S. K. Brown and 25% to F. G. Campbell. 2,687,508, Cl. 324—53.
 Noyes and Fies: *See*—
 Fies, Emerson E. 2,696,335.
 Noyes, Hiland B.: *See*—
 Fies, Emerson E. 2,696,335.
 Noyes, Stanley E., and E. H. Lochridge, assignors to Dental Perfection Company. 2,678,280, Cl. 106—38.35.
 Nozaki, Kenzie, Richmond, assignor to Shell Development Company, San Francisco, Calif. Polymerizing vinyl-type compounds by irradiation. 2,666,025, Jan. 12.
 Nozaki, Kenzie, El Cerrito, assignor to Shell Development Company, Emeryville, Calif. Preparing segmented copolymers. 2,666,042, Jan. 12.
 Nozel, John J.: *See*—
 Kazial, Louis M. 2,681,052.
 Noznick, Peter P.: *See*—
 North, Gerald C., Klein, and Noznick.
 Nubling, Otto, Berlin-Frohnau, assignor to T. Klatte, Bremen-Huchting, Germany. Device for producing internally toothed ring gears and the like. 2,665,612, Jan. 12.
 Nubling, Otto, assignor to Firma Theodor Klatte. 2,679,300, Cl. 180—66.
 Nubling, Otto. 2,694,288, Cl. 60—19.
 Nuclear Instrument and Chemical Corp.: *See*—
 Davidson, William C. 2,686,008.
 Nudell, Arthur A., to The Nu-Dell Plastics Corp. 2,689,059, Cl. 220—41.
 Nu-Dell Plastics Corp., The: *See*—
 Nudell, Arthur A. 2,689,059.
 Nuebling, Otto. 2,688,927, Cl. 103—41.
 Nuesch, Johannes, M. Bertschy, and S. Galeazzi, assignors to Société Anonyme pour l'Industrie de l'Aluminium. 2,678,879, Cl. 75—0.5.
 Nuesch, Johannes, M. Bertschy, and S. Galeazzi, assignors to Société Anonyme pour l'Industrie de l'Aluminium. 2,678,880, Cl. 75—0.5.
 Nussle, Albert C., and R. F. Crawford, to Rohm & Haas Co. 2,692,182, Cl. 8—115.5.
 Nu Label Machine Corporation of New Jersey, assignee: *See*—
 Hubelmeyer, Edward J. 2,680,612.
 Nu-Lift Bra, Inc., assignee: *See*—
 Spangard, Laurence C.
 Null, Myron R.: *See*—
 Greider, Clarence E., and Null. 2,692,205.
 Nu-Matic Nailer, Inc., assignee: *See*—
 Bacon, Clinton J., and Kent. 2,679,044.
 Nuodex Products Co., Inc.: *See*—
 Nowak, Milton. 2,692,204.
 Nurkiewicz, Ignatius, assignor to Stop-Fire, Inc. 2,675,941, Cl. 222—5.
 Nusbaum, Alan D. 2,676,074, Cl. 308—212.
 Nusbaum, Teobaldo E. 2,683,057, Cl. 299—58.
 Nuss, Reinhold O. 2,683,338, Cl. 51—212.
 Nussbaum, Marvin L.: *See*—
 Sanders, Herbert L., Knaggs, and Nussbaum. 2,696,453.
 Nu-Swift, Limited, assignee: *See*—
 Anderton, Sidney B., and Cawood.
 Nu Tone, Inc.: *See*—
 Corbett, Joseph R. 2,689,906.
 Spear, Walter A. 2,697,163.
 Nutone, Inc., assignee: *See*—
 Rowe, Harry C., and Bladh.
 Nutrition Products, Inc.: *See*—
 Dunmire, Russell P. 2,685,517.
 Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Brake. 2,671,534, Mar. 9.
 Nutt, Wilfred: *See*—
 Klausman, James H., and Nutt. 2,695,188.
 Nutter, Hugh G., to Automatic Parking Devices, Inc. 2,687,588, Cl. 39—76.
 Nutting, Arthur, to American Air Filter Co. 2,688,377, Cl. 183—14.
 Nutting, H. George D.: *See*—
 Wittkuhns, Bruno A., Nutting, and Hill. 2,674,929.
 Nutting, Robert D., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Metal oxide production. 2,670,272, Feb. 23.
 Nye, Maurice E., deceased, late of Barberton, Ohio, by W. L. Nye, executor, Barberton, Ohio. Molding rubber wheels. 2,671,933, Mar. 16.
 Nye, Norman H.: *See*—
 McIlvried, Edwin J., and Nye. 2,679,925.
 McIlvried, Edwin J., and Nye. 2,692,042.
 Nye, Roy J.: *See*—
 Rawlings, Ray J., and Nye. 2,696,134.

- Nye, Willard L., executor: *See*—
Nye, Maurice E.
Nye, William T.: *See*—
Claus, Paul E., Nye, and Rendall. 2,690,289.
Nygard, John C., assignor to High Voltage Engineering Corporation. 2,677,774, Cl. 310—5.
Nygren, Ernest J., to Ben-Hur Mfg. Co. 2,692,021, Cl. 164—60.
Nykwest, Clarence D., and F. O. Stein, assignors to Master Rule Manufacturing Co., Inc. 2,680,576, Cl. 242—84.8.
Nyland, Edward R. 2,686,681, Cl. 279—1.
Nylén, Roy F., Chicago, Ill. Merchandise display container. 2,668,616, Feb. 9.
Nylong Corp.: *See*—
Hoffman, Herbert E. 2,682,073.
Nyman, Stephen H., to S. Scrivener, Jr. 2,681,591, Cl. 88—16.2.
Nyman, Viking L. 2,690,627, Cl. 47—57.5.
Nys, Jean M.: *See*—
Van Dormael, André E., Nys, and De Cat. 2,680,686.
Nystrom, Alfred V.: *See*—
Birch, Thomas H., and Nystrom. 2,675,893.
Nyyssonen, Einard, to the United States of America as represented by the Secretary of the United States Air Force. 2,688,681, Cl. 201—60.
O. E. M. Corp.: *See*—
Reading, Robert J. 2,687,726.
Reading, Robert J. 2,687,741.
O & M Machine Company, Inc., assignee: *See*—
Simpson, Edward H., and Deckman. 2,678,450.
O. & S. Bearing Co.: *See*—
Skillman, Newton, Jr., Connolly, Smith, and Kogstrom. 2,683,637.
Oace, Ralph J., R. B. Snell, and E. E. Le Page, to Minnesota Mining & Manufacturing Co. Re. 23,843, Cl. 206—59.
Oak Mfg. Co.: *See*—
Howell, Hugh A. 2,698,366.
Osborn, Raymond L. 2,693,581.
Oak Manufacturing Company, Inc., assignee: *See*—
Probasco, Harold T. 2,680,540.
Oakes, E. T., Corp.: *See*—
Crawford, Duffer B. 2,679,866.
Jensen, Thormod. 2,687,877.
Jurgensen, Delbert F., Jr., and Crawford. 2,694,246.
Oakes, Earle T. 2,687,699.
Oakes, Earle T. 2,695,572.
Oakes, Earle T. 2,696,793.
Oakes, Earle T., to The E. T. Oakes Corp. 2,687,699, Cl. 107—12.
Oakes, Earle T., to The E. T. Oakes Corp. 2,695,572, Cl. 107—29.
Oakes, Earle T., to The E. T. Oakes Corp. 2,696,793, Cl. 107—54.
Oakes Manufacturing Company, The, assignee: *See*—
Hobbs, Howard H.
Oakley, Sterling A., assignor to General Electric Company. 2,677,172, Cl. 29—155.5.
Oakley, Willis R.: *See*—
Albin, Orval A. 2,689,050.
Oakvik, Wilma C. 2,691,167, Cl. 2—50.
Oates, Charles E., and L. B. Brookshire, to Northrop Aircraft, Inc. 2,684,216, Cl. 244—83.
Oates, Norford L., to Smith Cannery Machines Co. 2,680,876, Cl. 17—2.
Oathout, John D., to Standard Oil Development Co. 2,689,222, Cl. 252—33.3.
Oatley, Arthur F., to Cannon Industries Ltd. 2,685,637, Cl. 219—37.
Oatley, Arthur F., to Cannon Industries Ltd. 2,694,392, Cl. 126—41.
Obauer, Rudolf: *See*—
Tarmann, Bruno, and Obauer. 2,690,600.
Obeck, Ferdinand J., to R. T. French Co. 2,696,935, Cl. 222—498.
Obenshain, David N., assignor to West Virginia Pulp and Paper Company. 2,680,298, Cl. 33—126.
Obenshain, David N., assignor to West Virginia Pulp and Paper Company. 2,680,683, Cl. 92—7.
Obenshain, David N., assignor to West Virginia Pulp and Paper Company. 2,680,684, Cl. 92—7.
Ober, Howard C. 2,679,794, Cl. 97—216.
Oberdorfer, Henry D.: *See*—
Keys, James R., Van Buskirk, and Oberdorfer.
Oberem, William C., to Colt's Mfg. Co. 2,696,769, Cl. 93—58.
Oberg, Carl I. 2,682,723, Cl. 41—1.
Oberhardt, Alfred A. 2,692,020, Cl. 164—20.
Oberholtz, Anthony, assignee: *See*—
Roper, Perry R.
Oberhuber, William F.: *See*—
Abele, Joseph B., and Oberhuber. 2,684,255.
Oberlander, Leopold, assignee: *See*—
Kummil, Jakob.
Oberle, Louis A.: *See*—
Koos, Paul V., and Oberle. 2,683,255.
Oberley, Alton F., and A. C. Schrimshaw, to International Harvester Co. 2,688,183, Cl. 29—214.
Oberley, Paul E. 2,697,878, Cl. 32—59.
Oberlin, Lyman M., to Phillips Petroleum Co. 2,691,223, Cl. 33—126.7.
Obermaier, Alfred A.: *See*—
Obermaier, John A. and A. A. 2,690,671.
Obermaier, John A. and A. A. 2,690,671, Cl. 73—228.
Oberman, Roelof M. M., Voorburg, and A. Snijders, The Hague, Netherlands. Regenerative repeater. Re. 23,801, Mar. 16.
Oberman, Roelof M. M., A. Snijders, and R. B. Buchner, assignors to Hartford National Bank and Trust Company, as trustee. 2,676,210, Cl. 179—18.
Oberman, Roelof M. M., and A. Snijders. 2,689,300, Cl. 250—27.
Obermeit, Karl H., Mantua, assignor to The Standard Oil Company, Cleveland, Ohio. Cleaning internal-combustion engines. 2,671,036, Mar. 2.
Oberwegner, Alfred R. 2,689,497, Cl. 81—163.
Oberwerger, William, Brooklyn, N. Y., assignor to Floral Fence, Inc., Newark, N. J. Ornamental knockdown fence unit. 2,670,182, Feb. 23.
Obitz, Samuel A., assignor to Pittsburgh Waterproof Company, Pittsburgh, Pa. Pad for ironer rolls. 2,667,685, Feb. 2.
Obitz, Samuel A., assignor to Pittsburgh Waterproof Company, Pittsburgh, Pa. Ironing machine pad. 2,669,003, Feb. 16.
Oblad, Alex G., T. H. Milliken, Jr., and H. Heinemann, assignors to Houdry Process Corporation. 2,676,907, Cl. 196—53.
Oblad, Alex G., and H. Heinemann, to Houdry Process Corp. 2,692,846, Cl. 196—50.
Oblinger, Leroy I., assignee: *See*—
Smith, David C. 2,677,263.
Obodzinski, Anton. 2,684,143, Cl. 194—63.
Obolensky, Alexis G., to The Solder-Weld Corp. 2,689,901, Cl. 219—27.
O'Boyle, Charles M.: *See*—
McFadden, George F. 2,683,528.
O'Boyle, Charles M. 2,675,894, Cl. 188—200.
O'Brien, Brian: *See*—
Eversole, William G., O'Brien, and Gillette.
O'Brien, Charles J.: *See*—
Schutt, Arthur J., Emmons, and O'Brien. 2,691,991.
O'Brien, Charles J., to General Motors Corp. 2,688,986, Cl. 138—38.
O'Brien, Harriette L., to M. O. Koops. 2,685,290, Cl. 128—287.
O'Brien, James H., assignor to Packard Motor Car Company. 2,674,905, Cl. 74—730.
O'Brien, James W.: *See*—
Port, William S., O'Brien, and Swern.
O'Brien, John C., assignor to General Railway Signal Company, Rochester, N. Y. Radio communications system. 2,671,166, Mar. 2.
O'Brien, John P. 2,694,951, Cl. 76—107.
O'Brien & Joseph W.: *See*—
Gardner, Robert I. 2,692,629.
O'Brien, Michael. 2,676,802, Cl. 272—84.
O'Brien, Patrick J., and G. A. Connell, to Borax Consolidated, Ltd. 2,690,387, Cl. 71—2.2.
O'Brien, William J., Oxshott, England, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Stop-on-signal radio apparatus. 2,666,853, Jan. 19.
O'Brien, William J., D. E. Bridges, D. A. Hendley, M. H. Easy, and J. Vickers, to The Decca Record Co., Ltd. 2,690,559, Cl. 343—105.
O'Brien, William L., to Servel, Inc. 2,684,207, Cl. 241—92.
Obst, Charles J.: *See*—
Magnus, Finn H., and Obst. 2,693,843.
Obst, Charles J., to Magnus Harmonica Corp. 2,687,058, Cl. 84—377.
Obst, Charles V.: *See*—
Miloche, Herman A., and Obst.
Obstfeld, Abraham: *See*—
Drypolcher, William. 2,687,061.
Lester, Saul. 2,691,778.
Obstfeld, Lou: *See*—
Drypolcher, William. 2,687,061.
Lester, Saul. 2,691,778.
Obszarny, Theodore J., to Guardian Electric Mfg. Co. 2,686,233, Cl. 200—6.
Obszarny, Theodore J., to Guardian Electric Mfg. Co. 2,686,234, Cl. 200—6.
O-Cedar Corp.: *See*—
O'Connor, Philip K.
Palma, Joseph, Jr., and Knapp. 2,679,064.
Palma, Joseph, Jr., and Knapp. 2,685,098.
Ocenasek, William F., to Kearney & Trecker Corp. 2,695,637, Cl. 143—17.
Och, Henry G.: *See*—
Boghossian, William H., Och, and Weber.
Bomberger, David C., and Och. 2,686,099.
Lakatos, Emory, and Och. 2,686,636.
Och, Henry G., Short Hills, and D. B. Parkinson, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Plotting board. 2,669,500, Feb. 16.
Ochel, Willy G., O. K. Beyermann, and F. H. Gehrmann, assignors to Orenstein & Koppel Aktiengesellschaft. 2,676,752, Cl. 230—27.
Ochoa, Alfonso A. 2,676,160, Cl. 260—30.6.
Ochs, Anna L. 2,685,758, Cl. 46—87.
Ochtman, Leonard, to Bendix Aviation Corp. 2,682,789, Cl. 74—768.
Ocker, Charles, New Smyrna Beach, Fla. Blowoff valve for locomotive boilers. 2,668,685, Feb. 9.

- Ocnaschek, Frank J., Dallas, Tex., assignor to Collins Radio Company, Cedar Rapids, Iowa. Variable attenuator. 2,666,183, Jan. 12.
- O'Connell Controls, assignee: *See*—
Eggert, Herbert A.
- O'Connell, James R., to Hardinge Brothers, Inc. 2,681,808, Cl. 279—41.
- O'Connor, Arthur F., to Union Asbestos & Rubber Co. 2,685,213, Cl. 74—505.
- O'Connor, Bernard E.: *See*—
Hufferd, George H., and O'Connor. 2,678,607.
- O'Connor, Bernard E., to Houdaille-Hershey Corp. 2,687,047, Cl. 74—574.
- O'Connor, Hazel C., Jersey City, N. J., assignor to J. L. Mitchell, New York, N. Y. Portable folding airstrip marker. 2,667,000, Jan. 26.
- O'Connor, John C., assignor to The O'Connor Patent Company, Ann Arbor, Mich. Apparatus for transmitting intense vibrations for performing work. 2,669,447, Feb. 16.
- O'Connor Patent Company, The, assignee: *See*—
O'Connor, John C.
- O'Connor, Philip K., assignor to O-Cedar Corp'n, Chicago, Ill. Presser plate latch for self-wringing mops. 2,670,487, Mar. 2.
- O'Day, James W. 2,695,195, Cl. 301—108.
- O'Day, Marcus D., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. 2,677,818, Cl. 343—65.
- Odegaard, Eugene A., to United Aircraft Corp. 2,689,107, Cl. 253—77.
- Odegarden, Carl O. 2,694,493, Cl. 209—261.
- Odell, Alexander D., to International Standard Electric Corp. 2,688,695, Cl. 250—27.
- Odell, John J. P.: *See*—
Johnson, Walfred C., and Odell. 2,677,460.
- Odell, Malcolm J.: *See*—
West, George T., Winters, Odell, and Stokes. 2,687,110.
- Odell, Newton H.: *See*—
Henderson, Kenneth L., and Odell.
- Odell, Newton H., Bethlehem, Pa., assignor to Stromberg-Carlson Company. Semiconductor device. 2,673,312, Mar. 23.
- Odell, William W., New York, N. Y., assignor to Standard Oil Development Company. Promoting catalytic reactions in the vapor phase. 2,665,288, Jan. 5.
- Odell, William W., to Standard Oil Development Co. 2,681,273, Cl. 48—196.
- Odell, William W. 2,686,085, Cl. 302—66.
- Odell, William W. 2,686,113, Cl. 48—206.
- Odell, William W., New York, N. Y., and G. L. Matheson, Union, N. J., assignors to Standard Oil Development Company. Process and apparatus for separating mixed materials. 2,666,526, Jan. 19.
- Oden, Delk M. 2,695,830, Cl. 312—241.
- Oden, William E., Bogalusa, La. Sanipius garbage barrel support. 2,665,098, Jan. 5.
- Oder, Elizabeth T. 2,682,284, Cl. 140—82.
- Odermann, Charles R.: *See*—
Ackerman, James E., and Odermann. 2,685,854.
- Odermann, Charles R., to The Singer Mfg. Co. 2,696,180, Cl. 112—214.
- Odin Corporation, assignee: *See*—
Svenson, Ernest J.
- Svenson, Ernest J. 2,676,608.
- Svenson, Ernest J., and Stone. 2,674,850.
- Odin, Eugene A. 2,679,178, Cl. 81—41.
- Odin, Eugene A. 2,681,784, Cl. 248—186.
- Odin, Eugene A. 2,684,822, Cl. 248—179.
- Oding, Carl A., to Planamatic Corp. 2,690,052, Cl. 60—54.
- Odland, Alfred O., Waupun, Wis., assignor to Invention Development Corporation. Overshoe with gusset and tongue. 2,666,996, Jan. 26.
- Odum, William H., and W. F. Hosford, assignors to Duro Metal Products Co. 2,678,071, Cl. 143—36.
- Odum, William H., and W. F. Hosford, to Duro Metal Products Co. 2,686,582, Cl. 192—43.1.
- Ödman, Tor A., to J. C. Marble, L. M. Merrill, and P. H. Batten as trustees. 2,683,350, Cl. 60—54.
- Ödman, Tor A., to J. C. Marble, L. M. Merrill, and P. H. Batten. 2,696,743, Cl. 74—399.
- Ödman, Tor A., to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. 2,697,330, Cl. 60—54.
- Odmark, Albert L.: *See*—
Whipple, Jack, Van Horn, and Odmark. 2,676,016.
- Odum, Claude M. 2,675,147, Cl. 222—193.
- Odum, Nicholas A., Washington, D. C. Awning. 2,666,236, Jan. 19.
- O'Donnell, Gladys. 2,696,263, Cl. 166—138.
- O'Donnell, James M., Alleghany, Calif. Bridle bit. 2,669,817, Feb. 23.
- O'Donnell, John F.: *See*—
Richey, Clarence B., and O'Donnell. 2,681,541.
- O'Donnell, Philip L., Norwood, Ohio. Tape dispensing machine. 2,671,159, Mar. 2.
- Oehler, William P., assignor to Deere & Company, Moline, Ill. Agricultural implement. 2,669,174, Feb. 16.
- Oehler, William P., to Deere & Co. 2,686,648, Cl. 248—309.
- Oehler, William P., to Deere & Co. 2,686,686, Cl. 287—91.
- Oehler, William P., and A. J. Immesoete, assignors to Deere & Company, Moline, Ill. Flexible tread press wheel. 2,668,490, Feb. 9.
- Oehler, William P., and C. H. Youngberg, to Deere & Co. 2,682,737, Cl. 55—81.
- Oehler, William P., and C. H. Youngberg, to Deere & Co. 2,682,738, Cl. 55—81.7.
- Oehler, William P., and A. J. Immesoete, to Deere & Co. 2,687,682, Cl. 97—56.
- Oehrli, John W. 2,678,566, Cl. 74—230.17.
- Oerman, Orey W.: *See*—
Silver, Walter H., and Oerman.
- Oerman, Orey W., assignor to Deere & Company. 2,676,525, Cl. 97—29.
- Oertel, Daniel T.: *See*—
Gilliam, Charles T. 2,688,376.
- Oestreich, Ernst: *See*—
Schlecht, Leo, Bergmann, and Oestreich. 2,686,714.
- Oestreich, Sol, assignor to Harnischfeger Corporation. 2,679,024, Cl. 321—19.
- Oestreich, Warren J., assignor to Tele King Corporation. 2,676,273, Cl. 307—150.
- Oestrich, Hermann: *See*—
Decher, Siegfried, and Stein. 2,688,841.
- Kruppe, Herbert. 2,689,457.
- Oestrich, Hermann, S. Decher, and W. Stein. Declize, France, Decher and Stein assignors to Oestrich. Fuel feed control for gas turbine engines. 2,668,585, Feb. 9.
- Oestrich, Hermann, and L. Schneider; said Schneider assignor to said Oestrich. 2,688,842, Cl. 60—35.6.
- Offenhauer, Charles M., assignor to Union Carbide and Carbon Corporation. 2,679,454, Cl. 75—124.
- Office National d'Etudes et de Recherches Aeronautiques: *See*—
Benoit, Edmond.
- Bouzzat, Jean, Ducot, and Perilhou. 2,677,820.
- Doussain, Robert, Bousson, and Perrier. 2,690,810.
- Ducot, Claude, and Perilhou. 2,692,986.
- Favre, Alexandre J. A. 2,693,908.
- Grandadam, Pierre M. 2,692,178.
- Grosvalet, Jean, and Simon-Suisse. 2,679,975.
- Khndzorlan-Iablokoff, Arthur, Delord, Falinski, and Lautie. 2,674,543.
- Lienard, Pierre A. 2,684,067.
- Luft, Karl. 2,679,010.
- Luft, Karl. 2,696,731.
- Perilhou, Pierre. 2,677,822.
- Perilhou, Pierre A.
- Roy, Maurice.
- Roy, Maurice. 2,694,897.
- Viaud, Louis, and Reingold. 2,692,480.
- Office of Scientific Research and Development, Office for Emergency Management, United States of America as represented by the Director of the: *See*—
Schover, Donald S. 2,682,364.
- Office of Scientific Research and Development, United States of America as represented by the Secretary of the, assignee: *See*—
Wallace, Robert L., Jr., and Ghigli.
- Offner, Franklin F. 2,688,729, Cl. 324—118.
- Offner, Franklin F. 2,697,908, Cl. 60—39.28.
- Ofutt, William C., to Gulf Research & Development Co. 2,684,389, Cl. 260—624.
- O'Gatty, James A. 2,696,211, Cl. 128—205.
- Ogborn, James R., and R. Sundstrom, said Ogborn to Automatic Bending Co. 2,685,460, Cl. 285—90.
- Ogden, Floyd H. 2,676,020, Cl. 273—149.
- Ogden, Floyd H. 2,688,489, Cl. 273—149.
- Ogden, Harold S.: *See*—
Widell, Berndt A., and Ogden. 2,679,624.
- Ogden, Horace R.: *See*—
Finlay, Walter L., Jaffee, and Ogden.
- Jaffee, Robert I., Ogden, and Mavkuth.
- Ogden, John F., Wooster, Ohio. Muffler and tail pipe tool. 2,670,535, Mar. 2.
- Ogdon, Ernest B. 2,681,013, Cl. 103—224.
- Ogg, Alvin W.: *See*—
Wallace, James M., and Ogg. 2,697,149.
- Ogg, Andrew L.: *See*—
Mitchell, J. C., and A. L. and L. E. Ogg. 2,682,325.
- Ogg, Leo E.: *See*—
Mitchell, J. C., and A. L. and L. E. Ogg. 2,682,325.
- Ogg, Richard A., Jr., and J. D. Ray. 2,684,283, Cl. 23—2.
- Ogilvie, Clinton B., assignor to American Cyanamid Company. 2,678,955, Cl. 260—674.
- Ogilvie, Robert B.: *See*—
Hanze, Arthur R., and Ogilvie.
- Ogilvie, Robert B., and A. R. Hanze, assignors to The Upjohn Company, Kalamazoo, Mich. 4-pregnene-3,6,11,20-tetraone and process. 2,671,091, Mar. 2.
- Ogilvie, Robert B., and A. R. Hanze, assignors to The Upjohn Company, Kalamazoo, Mich. 6-hydroxy-11-ketoprogesterone and esters thereof. 2,672,468, Mar. 16.
- Ogle, James C., and J. F. Jordan, to Libbey-Owens-Ford Glass Co. 2,688,214, Cl. 51—101.
- Ogle, James C., Jr., Tarentum, Pa., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for coating by thermal vaporization. 2,665,659, Jan. 12.
- Ogle, Robert W., Pasadena, Calif. Syringe. 2,666,433, Jan. 19.
- Ogle, Robert W., Pasadena, Calif. Disposable syringe. 2,666,434, Jan. 19.
- Ogle, Robert W., 1/2 to Cutter Laboratories, Inc. 2,693,803, Cl. 128—218.

- Ogle, William J., to Gifford-Hill-Western, Inc. 2,695,625, Cl. 137—315.
- Oglebay, Norton, and Company, assignee: *See*—Haley, Kenneth M., and Trask.
- Ognanovich, John, Fort Snelling, Minn. Surgical apparatus for measuring and regulating vacuum pressures. 2,665,691, Jan. 12.
- Ogorek, Stanley T.: *See*—Mesi, Phillip J., and Ogorek.
- Ogorzaly, Henry J., assignor to Standard Oil Development Company. 2,678,111, Cl. 183—114.2.
- Ogorzaly, Henry J., and C. W. Tyson, to Standard Oil Development Co. 2,689,787, Cl. 48—197.
- O'Halloran, Rosemary, assignor to Standard Oil Development Company. 2,677,661, Cl. 252—49.6.
- O'Halloran, Rosemary, to Standard Oil Development Co. 2,696,469, Cl. 252—22.
- O'Halloran, Rosemary, to Standard Oil Development Co. 2,696,471, Cl. 252—22.
- O'Hara, Thomas M. 2,692,517, Cl. 74—752.
- O'Harrow, Charles T., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Tractor drawbar support. 2,664,804, Jan. 5.
- O'Harrow, Charles T., assignor to Allis-Chalmers Manufacturing Company. 2,678,702, Cl. 184—6.
- O'Hayer, Robert E., assignor to Vesta Underwear Company. 2,677,130, Cl. 2—75.
- Ohio Boxboard Co., The: *See*—Hickin, Robert J. 2,684,616.
- McElwee, Joseph A. 2,686,627.
- Ohio Brass Co., The: *See*—Johnson, Carl G. A., Jr. 2,687,218.
- Larsson, Ernst A. 2,677,472.
- Larsson, Ernst A. 2,691,701.
- Lewis, Warren J.
- Lewis, Warren J. 2,691,722.
- Sheadel, John M., and Taylor.
- Ohio Crankshaft Co., The: *See*—Body, Alfred C.
- Denneen, Francis S. 2,678,370.
- Kaczor, Edward J., and Schwan. 2,692,956.
- Sabol, John T. 2,689,296.
- Strickland, Harold A., Jr., and Riddell. 2,681,971.
- Tudbury, Chester A. 2,689,297.
- Vaughan, John T.
- Vaughan, John T., and Williamson.
- Williamson, James W. 2,678,368.
- Williamson, James W. 2,692,934.
- Ohio Injector Company, The, assignee: *See*—Doster, Howard G. 2,674,903.
- Ohio Plate Glass Co.: *See*—McGraw, Leslie D., and Faust. 2,698,258.
- Sinks, Frank L. 2,683,098.
- Ohio Knitting Mills, Inc., assignee: *See*—Rovas, Tobias.
- Ohio Match Company, The, assignee: *See*—Schafer, Frank. 2,674,282.
- Ohio State University Research Foundation, The: *See*—Blau, Henry H. 2,691,599.
- Czarnecki, Kamil B. 2,693,018.
- Czarnecki, Kamil B., and Bole. 2,693,017.
- Gaver, Kenneth M., Lasure, and Tieszen.
- Gaver, Kenneth M., Tieszen, and Lasure.
- Newman, Melvin S., and Swaminathan.
- Wolfrom, Melville L., and Olin. 2,691,012.
- Ohio Thermometer Company, Inc., The, assignee: *See*—Wappner, Ralph C.
- Ohl, Russell S., to Bell Telephone Laboratories, Inc. 2,685,728, Cl. 29—25.3.
- Ohlis, Julius J., assignee: *See*—Lenke, George H.
- Ohlson, John L., and C. W. Hoerr, to Swift & Co. 2,697,729, Cl. 260—586.
- Ohlson, Paul E., and E. A. Hodge, assignors to The Pusey & Jones Corporation. 2,677,898, Cl. 34—124.
- Ohlson, Paul E., and E. A. Hodge, assignors to The Pusey & Jones Corporation. 2,677,899, Cl. 34—124.
- Ohlsson, Waldemar C., to Aktiebolaget Amerika-Matts. 2,685,248, Cl. 99—303.
- Ohlström, Paul G. H. 2,689,653, Cl. 210—201.
- Ohlström, Paul G. H. 2,689,654, Cl. 210—201.
- Ohly, Charles W., to Thompson Products, Inc. 2,694,391, Cl. 123—188.
- Ohman, John L., assignor to Marlboro Mfg. Co., Inc. 2,675,066, Cl. 155—196.
- Ohlmann, Edward O., Bay City, and W. S. Thurber, assignors to The Dow Chemical Company, Midland, Mich. Stabilized polyglycol compositions. 2,665,312, Jan. 5.
- Öhlund, Selfrid G., Enskede, Sweden. Electric lamp with current bridge. 2,666,166, Jan. 12.
- Ohmart, Philip E., to the United States of America as represented by the United States Atomic Energy Commission. 2,696,564, Cl. 250—83.6.
- Ohmega Laboratories, assignee: *See*—Foster, Harry R., and Crump. 2,677,799.
- Ohmstede, Gene E., to Ohmstede Machine Works. 2,686,491, Cl. 114—230.
- Ohmstede Machine Works: *See*—Ohmstede, Gene E. 2,686,491.
- Ohrn, Rudolph E., assignor to Container Corporation of America. 2,677,543, Cl. 271—44.
- Oil Center Tool Company, assignee: *See*—Jones, Marvin R. 2,674,436.
- Oil Equipment Laboratories, Incorporated, assignee: *See*—Ayres, John E.
- Oil Recovery Corp.: *See*—Lynes, John. 2,693,342.
- Oil Well Water Locating Co.: *See*—Engelder, Paul O. 2,697,942.
- Oilgear Co., The: *See*—Ferris, Walter.
- Ferris, Walter. 2,674,196.
- Tyler, Ransom. 2,683,966.
- Oiljak Manufacturing Co., Inc., The, assignee: *See*—Persak, George, Jr., and Kuzmin.
- Oilwell Drain Hole Drilling Co., assignee: *See*—McCune, John S., and Hanks.
- Oishei, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper blade. 2,664,583, Jan. 5.
- Oishei, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Window cleaner. 2,666,941, Jan. 26.
- Oishei, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper. 2,667,656, Feb. 2.
- Oishei, John R., assignor to Trico Products Corporation. 2,678,460, Cl. 15—253.
- Oishei, John R., to Trico Products Corp. 2,697,241, Cl. 15—245.
- Oishei, John R., and A. Rappl, to Trico Products Corp. 2,688,514, Cl. 299—58.
- Oishei, John R., and M. Bitzer, to Trico Products Corp. 2,691,186, Cl. 15—253.
- Oishei, John R., and A. Rappl, to Trico Products Corp. 2,692,079, Cl. 230—18.
- Okawa, Riichiro: *See*—Okawa, Risaku, and R. Okawa. 2,693,739.
- Okawa, Risaku, and R. Okawa. 2,693,739, Cl. 92—39.
- O'Keefe, Bernard J., assignor to Edgerton, Germeshausen and Grier, Inc. 2,679,037, Cl. 340—248.
- O'Keefe, Daniel P. 2,696,811, Cl. 126—214.
- O'Keefe, David F., to Chemicolloid Laboratories, Inc. 2,685,437, Cl. 259—68.
- O'Keefe & Merritt Company, assignee: *See*—Brainard, Maurice W.
- Brainard, Maurice W. 2,680,822.
- Bury, Ralph. 2,674,990.
- Durant, Wilbur G.
- Okell, Jean L. 2,675,593, Cl. 24—137.
- Okerlund, Elmer F., and J. Gjengsto. 2,683,279, Cl. 16—129.
- Okleshen, Anthony J.: *See*—Shonka, Francis R., Okleshen, and Selman. 2,687,480.
- Okolicsanyi, Ferenc, to Chromatic Television Laboratories, Inc. 2,682,571, Cl. 178—5.4.
- Okolowicz, Marian A., to Pilling Chain Co. 2,681,490, Cl. 24—205.14.
- O'Konski, Theodore S., assignor to Wheeling Steel Corporation. 2,677,323, Cl. 100—3.
- O'Konski, Theodore S., to Wheeling Steel Corp. 2,682,794, Cl. 81—15.
- Okrent, Jasper J., Flushing, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Signal magnitude control system. 2,668,237, Feb. 2.
- Okress, Ernest C.: *See*—Wroughton, Donald M., and Okress. 2,686,864.
- Okulitch, George J.: *See*—Zozulin, Igor V., and Okulitch.
- Zozulin, Igor V., Okulitch, Volkoff, Okulitch, and Ellett. 2,680,203.
- Okulitch, George J., I. V. Zozulin, V. J. Okulitch, and G. M. Volkoff, assignors to Hermag Pumps Ltd., Vancouver, British Columbia, Canada. Magnetically driven centrifugal pump. 2,669,668, Feb. 16.
- Okulitch, Vladimir J.: *See*—Okulitch, George J., Zozulin, Okulitch, and Volkoff.
- Zozulin, Igor V., Okulitch, Volkoff, Okulitch, and Ellett. 2,680,203.
- Okun, Edward. 2,687,138, Cl. 135—46.
- Oil Center Tool Co.: *See*—Edwards, Jack E. 2,685,892.
- Oishei, John R., and M. Bitzer, to Trico Products Corp. 2,685,776, Cl. 60—60.
- Oishi, Yoshimitsu. 2,686,011, Cl. 241—79.
- Olah, George, assignor to Precision Developments Company Limited, London, England. Fluid-pressure operated device. 2,669,247, Feb. 16.
- Olah, George, London, and H. A. Smith, Charlton, London, assignors to Elliott Brothers (London) Limited, London, England. Recording instrument. 2,665,964, Jan. 12.
- Olcott, James D.: *See*—Hoffman, Allan C., Geddes, and Olcott. 2,695,679.
- Olcott, Charles A.: *See*—Kochli, Ernest G., and Olcott. 2,682,488.
- Olcott, Charles A. 2,682,172, Cl. 73—349.
- Olcott, Harold S.: *See*—Hendel, Carl E., and Olcott. 2,681,285.
- Old, Albert F., to Southern Lightweight Aggregate Corp. 2,696,274, Cl. 183—21.
- Oldberg, Sidney, to Eaton Mfg. Co. 2,692,615, Cl. 137—625.46.
- Oldberg, Sidney, Birmingham, and M. C. Turkish, Detroit, Mich., assignors to Eaton Manufacturing Company, Cleveland, Ohio. Self-locking adjustment screw. 2,670,022, Feb. 23.
- Oldbury Electro-Chemical Company, assignee: *See*—Baker, Arthur A., and Brown.

- Olden, Andrew. 2,684,549, Cl. 43—9.
 Olden, Roger G.: *See—*
 Young, Charles J., and Olden. 2,693,992.
 Olden, Roger G., Princeton, N. J., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Device for applying liquid to sheets or webs. 2,665,660, Jan. 12.
 Olden, Roger G., assignor to Radio Corporation of America. 2,680,056, Cl. 346—139.
 Oldenboom, Derk J.: *See—*
 Bakelaar, John H., Oldenboom, and Bleuer. 2,684,746.
 Oldenkamp, Henry A., Valhalla, N. Y., assignor to American Machine and Foundry Company. Jet tobacco curer. 2,673,726, Mar. 30.
 Oldenkamp, Henry A., to The Warner & Swasey Co. 2,684,159, Cl. 212—55.
 Oldenkamp, Henry A., to American Machine and Foundry Co. 2,694,444, Cl. 158—28.
 Oldham, Henry P., E. M. Sullivan, and G. G. Berg, to The Gillette Co. 2,690,041, Cl. 30—84.
 Oldham & Son Limited, assignee: *See—*
 Akroyd, Harold.
 Martin, John R.
 Oldham, Wilfred J.: *See—*
 Wirth, Max M., and Oldham.
 Olds, Walter F.: *See—*
 Morgan, Clarence R., and Olds. 2,674,579.
 O'Leary, Charles J., to Western Electric Co., Inc. 2,688,415, Cl. 214—11.
 O'Leary, Charles M. 2,692,514, Cl. 74—710.5.
 O'Leary, Charles M. 2,692,516, Cl. 74—740.
 Olenikov, Sahny. 2,689,795, Cl. 99—68.
 Oles, David: *See—*
 Dunn, Henry M., and Oles. 2,689,577.
 Olesak, Stephen F.: *See—*
 Naughton, Bartley J., Jr. 2,695,051.
 Naughton, Bartley J., Jr. 2,695,191.
 Olesen, Raymond C., Altadena, Calif., assignor, by mesne assignments, to Transformer Engineers. Transformer coupling network. 2,669,697, Feb. 16.
 Olesky, Anthony P., assignor to Motorola, Inc., Chicago, Ill. Hinge for plastic housings. 2,670,872, Mar. 2.
 Oleson, Marvin H. 2,693,910, Cl. 235—70.
 Olin Industries, Inc.: *See—*
 Calhoun, James C., Davidson, and Hansen. 2,692,053.
 Foisy, George A.
 Foster, Harry C.
 Garrett, John E., and Karelitz. 2,674,151.
 Garrett, John E., Karelitz, and Jones. 2,674,127.
 Grenell, Leland H. 2,690,002.
 Penneman, Robert A. 2,690,378.
 Seavey, Frederick R. 2,684,287.
 Seavey, Frederick R. 2,691,800.
 Staba, Edward A. 2,679,451.
 Temple, Lemuel M.
 Williams, David M. 2,679,123.
 Williams, Henry M. 2,683,920.
 Wilson, Golder P. 2,678,174.
 Wilson, Golder P. 2,684,001.
 Woodring, William B., and Eaton.
 Zvanut, Carl M.
 Olin, John F., to Sharples Chemicals Inc. 2,697,102, Cl. 260—346.6.
 Olin Mathieson Chemical Corp.: *See—*
 Dixon, Glenn R. 2,697,376.
 Mulqueeny, Thomas J. 2,695,562.
 Mulqueeny, Thomas J. 2,695,563.
 Pagano, Joseph P., and Greenspan. 2,695,864.
 Ter Horst, William P. 2,696,502.
 Weiler, Joseph F. 2,697,123.
 Zvanut, Carl M. 2,697,734.
 Oliver Iron and Steel Corp.: *See—*
 Berry, Frank. 2,694,978.
 Quartullo, Orpheus F., and Baade. 2,694,982.
 Olin, Stephen M.: *See—*
 Wolfrom, Melville L., and Olin. 2,691,012.
 Oliva, David. 2,691,378, Cl. 132—7.
 Oliver, Bernard M., to Bell Telephone Laboratories, Inc. 2,681,385, Cl. 179—15.55.
 Oliver, Bernard M., to Bell Telephone Laboratories, Inc. 2,681,988, Cl. 250—27.
 Oliver, Conrad J., and J. Kupski, assignors to The Chicago Hardware Foundry Company. 2,677,041, Cl. 219—39.
 Oliver Corporation, The, assignee: *See—*
 Phelps, Alva W.
 Oliver Iron and Steel Corp.: *See—*
 Berry, Frank. 2,676,462.
 Berry, Frank. 2,697,912.
 Oliver, Lloyd C.: *See—*
 Coven, Benjamin I., Wintergreen, and Oliver. 2,683,507.
 Oliver, Roy T. 2,691,444, Cl. 209—416.
 Oliver, Walter H.: *See—*
 Hanrahan, Walter J., and Oliver. 2,682,732.
 Oliveto, Eugene P., and E. B. Hershberg, assignors to Schering Corporation. 2,677,695, Cl. 260—397.4.
 Oliveto, Eugene P., and C. E. Gerold, to Schering Corp. 2,684,375, Cl. 260—397.1.
 Oliveto, Eugene P., E. B. Hershberg, and C. E. Gerold, to Schering Corp. 2,684,376, Cl. 260—397.45.
 Olivier, Jules A.: *See—*
 Schneider, Anthony M., and Olivier.
 Olivier, Louise M. G., Ottawa, Ontario, Canada. Changeable fetature doll head. 2,669,802, Feb. 23.
 Oliwa, Walter S., assignor to Monroe Calculating Machine Company, Orange, N. J. Motor speed control unit. 2,673,320, Mar. 23.
 Oliwa, Walter S., to Monroe Calculating Machine Co. 2,691,127, Cl. 318—462.
 Olley, Maurice: *See—*
 Bishop, Roland R., and Olley. 2,690,334.
 Ollivier, Jean: *See—*
 Guenu, Fernand A., and Ollivier. 2,678,572.
 Olman, Peter M. 2,674,852, Cl. 60—54.5.
 Olmer, Francois J. G., and G. A. Nesty, Morristown, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Synthetic bristle and its production. 2,666,976, Jan. 26.
 Olmore, Duane C.: *See—*
 Schmued, Edgar, and Olmore. 2,692,098.
 Olmsted, George B.: *See—*
 Gould, Gerald G., Krupotich, Olmsted, and Tucker. 2,693,109.
 Olney, Richard B.: *See—*
 Guthrie, Hugh D., Strand, and Olney. 2,682,394.
 Olofsson, Gustav A., and L. N. Chubb, assignors to Olofsson Tool & Die Company. 2,679,999, Cl. 249—23.
 Olofsson, Nils T., Lamhult, Sweden. Table with adjustable cantilever shelf. 2,666,679, Jan. 19.
 Olofsson Tool & Die Company, assignee: *See—*
 Olofsson, Gustav A., and Chubb. 2,679,999.
 Olpin, Henry C., and T. Jackson, to British Celanese Ltd. 2,686,707, Cl. 8—63.
 Olschwang, Morris J. 2,696,138, Cl. 85—3.
 Olsen, Anders C. 2,697,262, Cl. 24—261.
 Olsen, Daniel N. 2,683,276, Cl. 15—387.
 Olsen, Ernest R. 2,685,485, Cl. 309—43.
 Olsen, Everett O.: *See—*
 Goodman, Louis, and Olsen.
 Olsen, Gene, Corporation, The, assignee: *See—*
 Davis, Robert O.
 Olsen, Harry. 2,682,463, Cl. 95—5.1.
 Olsen, John B. 2,676,426, Cl. 39—22.
 Olsen, Joseph O.: *See—*
 Weber, Herbert H., and Olsen. 2,690,732.
 Olsen, Karl M., assignor to Bell Telephone Laboratories, Incorporated. 2,679,080, Cl. 22—212.
 Olsen, Ove M., assignor to Sellers Engineering Company. 2,680,429, Cl. 122—32.
 Olsen, Willy: *See—*
 Blaus, Janis, and Olsen. 2,677,538.
 Olson Filtration Engineers, Inc.: *See—*
 Olson, George E., and Ebert. 2,693,882.
 Olson, Albert M.: *See—*
 Baker, George W., and Olson. 2,680,866.
 Olson, Albert M., to Chain Belt Co. 2,692,200, Cl. 99—103.
 Olson, Albert M., to Chain Belt Co. 2,697,665, Cl. 99—214.
 Olson, Alton M., Seattle, Wash. Collapsible jack. 2,671,636, Mar. 9.
 Olson, Arthur R.: *See—*
 McMillan, Edward B., and Olson. 2,678,293.
 Olson, C. A., Manufacturing Company, The, assignee: *See—*
 Grandstaff, Clarence L. 2,674,177.
 Olson, Carl M., Newark, and J. N. Tully, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal oxide production. 2,670,275, Feb. 23.
 Olson, Douglas J., Minneapolis, Minn. Plate provided with depending gripping means. 2,669,379, Feb. 16.
 Olson, Edgar W., China Lake, Calif. Apparatus for feeding ropes and cables through conduits. 2,673,710, Mar. 30.
 Olson, Edward A. 2,691,474, Cl. 226—19.
 Olson, Elmer, to General Motors Corp. 2,681,215, Cl. 261—39.
 Olson, Elmer, to General Motors Corp. 2,689,115, Cl. 261—41.
 Olson, Elmer, to General Motors Corp. 2,694,560, Cl. 261—41.
 Olson, Elmer, to General Motors Corp. 2,698,168, Cl. 261—39.
 Olson, Elmer T., 1/2 to W. J. Rawitzer. 2,693,727, Cl. 81—17.2.
 Olson, Emil H., to Anaconda Wire and Cable Co. 2,687,385, Cl. 260—15.
 Olson, Emil H., to Anaconda Wire and Cable Co. 2,687,386, Cl. 260—15.
 Olson, Emil H., to Anaconda Wire and Cable Co. 2,687,387, Cl. 260—16.
 Olson, Ernest H., assignor to The Pyle-National Company, Chicago, Ill. Loading light. 2,670,428, Feb. 23.
 Olson, Ernest T. 2,691,317, Cl. 81—88.
 Olson, Frank W., and E. F. Baerenrodt. 2,693,901, Cl. 226—14.
 Olson, Genevieve A. 2,683,955, Cl. 46—157.
 Olson, George E., and D. L. Ebert, to Olson Filtration Engineers, Inc. 2,693,882, Cl. 210—184.
 Olson, Glenn V.: *See—*
 Strom, Ernest, and Olson. 2,687,587.
 Olson, Goldie R., and E. H. Swazey, assignors to Plastic Engineering & Sales Co. 2,676,823, Cl. 288—33.
 Olson, Gordon L. 2,675,242, Cl. 279—16.
 Olson, Gordon L. 2,676,494, Cl. 74—370.
 Olson, Gordon L. 2,681,552, Cl. 64—8.

- Olson, Harold T.: *See*—
Eaton, William W., and Olson. 2,676,514.
- Olson, Harold T., Baldwin, assignor to Remington Rand Inc., New York, N. Y. Flow film camera. 2,669,398, Feb. 16.
- Olson, Harry F., to Radio Corp. of America. 2,668,373, Cl. 181—31.
- Olson, Harry F., J. Preston, and J. C. Bleazey, assignors to Radio Corporation of America. 2,680,787, Cl. 179—115.5.
- Olson, Harry F., and D. F. Pennie, to Radio Corp. of America. 2,686,296, Cl. 333—18.
- Olson, Harry S., and R. C. Danison, assignors to Diamond Alkali Company. 2,680,691, Cl. 106—15.
- Olson, Henry L., R. A. Miller, and W. F. Hale, to Camfield Mfg. Co. 2,685,633, Cl. 219—19.
- Olson, Henry L., and R. A. Miller, to Camfield Mfg. Co. 2,689,666, Cl. 220—4.
- Olson, Henry L., R. A. Miller, and W. F. Hale, to Camfield Mfg. Co. 2,692,549, Cl. 99—329.
- Olson, Henry L., and R. A. Miller, to Camfield Mfg. Co. 2,695,935, Cl. 200—67.
- Olson, Herbert H., assignor to Art Metal Construction Company, Jamestown, N. Y. Apparatus for applying covering material to the tops of desks, tables, and the like. 2,671,493, Mar. 9.
- Olson, Holly M., Muskegon, Mich. Motor-driven reciprocating saw unit. 2,668,567, Feb. 9.
- Olson, Holly M., to Sealed Power Corp. 2,690,365, Cl. 309—45.
- Olson, John A., to L. L. Eakin. 2,689,053, Cl. 214—77.
- Olson, John H.: *See*—
Jominy, Walter E., and Olson.
- Olson, John J., to Brown & Bigelow. 2,683,946, Cl. 40—64.
- Olson, John L., to Dahlstrom Mfg. Co. 2,690,087, Cl. 76—4.
- Olson Mfg. Co.: *See*—
Gordon, John D. 2,688,832.
- Olson, Maynard H., to Minnesota Mining & Mfg. Co. 2,693,458, Cl. 260—2.
- Olson, Merton E. 2,691,313, Cl. 78—87.
- 2,690,039, Cl. 55—106.
- Olson, Oscar J. 2,697,535, Cl. 220—3.2.
- Olson, Reuben A., Oakland, Calif. Shoe rack. 2,673,650, Mar. 30.
- Olson, Robert W.: *See*—
Haggerty, Patrick E., and Olson.
- Olsson, Erik M.: *See*—
Falkman, Hans H., and Olsson. 2,681,669.
- Olsson, Helge G., to Svenska Sockerfabriks Aktiebolaget.
- Olsson, Karl G., and R. E. Göransson, to Internationella Sipoex Aktiebolaget. 2,694,846, Cl. 25—105.
- Olsson, Uno, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. On-load tap changer for transformers. 2,672,586, Mar. 16.
- Olstad, Martin H., and R. G. Graeter, to Niagara Blower Co. 2,693,247, Cl. 183—120.
- Olympia Werke West G. m. b. H.: *See*—
Reichert, Otto, and Winter. 2,692,037.
- Westinger, Karl, Altenburger, and Hirt.
- Westinger, Karl, Altenburger, and Hirt. 2,686,584.
- Winter, Otto. 2,692,038.
- O'Malley, Joseph M.: *See*—
Morgan, Myles, and O'Malley.
- O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Rolling mill. 2,669,892, Feb. 23.
- Omholdt, Harold L., Pasco, Wash. Plastic snap-on window ventilator. 2,673,513, Mar. 30.
- Ommott, Julius, assignor to Owatonna Manufacturing Co. Inc. 2,677,225, Cl. 56—23.
- Omon, Gene L., and K. E. Hohnl, assignors to J. I. Case Company, Racine, Wis. Coupling. 2,665,928, Jan. 12.
- Omoto, Akira. 2,693,641, Cl. 30—294.
- Onan, D. W., and Sons, Inc., assignee: *See*—
Dahl, Karl E., and Hoiby. 2,674,643.
- Onasch, Paul L.: *See*—
Doyle, James F., and Onasch. 2,679,887.
- Ondo, Mrs. Jessie V., assignee: *See*—
Dandridge, Paul.
- O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Producing cellular materials and compositions therefor. 2,668,152, Feb. 2.
- Oneida Ltd.: *See*—
Matthews, Carroll F., and Sawyer. 2,684,328.
- O'Neil, Charles S., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Laundry drier. 2,670,549, Mar. 2.
- O'Neil, Charles S., assignor to Hamilton Manufacturing Company. 2,675,628, Cl. 34—75.
- O'Neil-Irwin Manufacturing Company, assignee: *See*—
Linder, Victor F. 2,678,080.
- O'Neil, John G., to Weinon Corp. 2,697,385, Cl. 93—77.
- O'Neil, John P., and J. M. Brooke, assignors to Phillips Petroleum Company. 2,678,954, Cl. 260—674.
- O'Neill, Frank E., Los Angeles, and M. O. Johnston, Glendale, Calif., assignors, by mesne assignments, to Johnston Testers, Inc., Houston, Tex. Back scuttling valve. 2,665,761, Jan. 12.
- O'Neill, George D., assignor to Sylvania Electric Products Inc. 2,679,591, Cl. 250—36.
- O'Neill, George D., and L. C. Eisaman, assignors to Sylvania Electric Products Inc. 2,680,826, Cl. 315—5.
- O'Neill, Harry T., Jr., assignor to Continental Elastic Corporation. 2,676,763, Cl. 242—35.5.
- O'Neill, James V., assignor to Sylvania Electric Products Inc. 2,680,840, Cl. 339—126.
- O'Neill, Jessica B. 2,688,202, Cl. 41—10.
- O'Neill Tank Co., Inc.: *See*—
Williams, Elmer R. 2,698,055.
- O'Neill, Vincent E., to Metals & Controls Corp. 2,696,538, Cl. 200—113.
- Ong, Charles M., and W. G. Shinko, assignors to Jack & Heintz, Inc. 2,679,240, Cl. 123—103.
- Ongert, Michael. 2,686,369, Cl. 33—174.
- Ongley, George E., assignor to The Spirella Company, Incorporated, Niagara Falls, N. Y. Foundation garment. 2,666,202, Jan. 19.
- Onia, John: *See*—
De Voll, Ralph L., and Onia.
- Onksen, George W.: *See*—
Falge, Robert N., Onksen, and Dow. 2,679,179.
- Onksen, George W., to General Motors Corp. 2,682,807, Cl. 88—78.
- Onksen, George W., to General Motors Corp. 2,685,231, Cl. 88—81.
- Onksen, George W., to General Motors Corp. 2,691,905, Cl. 76—4.
- Onksen, George W., Jr.: *See*—
Mead, Howard C., and Onksen.
- Onksen, George W., Jr., and C. W. Miller, assignors to General Motors Corporation. 2,679,616, Cl. 315—83.
- Onondaga Pottery Co.: *See*—
Arelt, Eugene G. 2,690,620.
- Arelt, Eugene G. 2,696,918.
- Haswell, Walter T., and Parmelee. 2,679,386.
- Johnson, Walter A., and Sebell. 2,686,587.
- Onosko, Edward, to Tri-Clover Machine Co. 2,687,872, Cl. 251—287.
- Onsrud Machine Works, Inc., assignee: *See*—
Onsrud, Rudolph F. 2,678,487.
- Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc. 2,678,487, Cl. 29—105.
- Onstad, Nordahl I., and N. J. Foot, assignors to Regents of the University of Minnesota. 2,678,130, Cl. 209—8.
- Ontario Paper Co., Ltd., The: *See*—
Marshall, Harry B., and Sankey. 2,686,120.
- Ontario Research Foundation: *See*—
Cavanagh, Patrick E. 2,686,118.
- Onyx Oil & Chemical Co.: *See*—
Musser, David M. 2,681,342.
- Tesoro, Giuliana C., and Wakeman. 2,680,769.
- Wakeman, Reginald L., and Tesoro. 2,676,986.
- Oosterhout, Johan C. D., and G. D. Pingrey, assignors to The Texas Company. 2,674,566, Cl. 196—30.
- Oosterman, Jan, to American Enka Corp. 2,688,594, Cl. 204—219.
- Opavsky, Walter B. 2,689,980, Cl. 18—48.
- Opawa, August. 2,690,659, Cl. 66—4.
- Opel, Lawrence G.: *See*—
Harding, William R., Kimball, and Opel.
- Opelika Manufacturing Corporation, assignee: *See*—
Weiss, David E.
- Opfermann, Adolf C. J.: *See*—
Thiele, Wolfgang E. 2,695,318.
- Opfermann, Adolf C. J. 2,691,666, Cl. 260—439.
- Opfermann, Adolf C. J. 2,691,667, Cl. 260—439.
- Opfermann, Adolf C. J. 2,692,895, Cl. 260—561.
- Opitz, Herward, and J. Hollmann. 2,679,089, Cl. 29—35.
- Oplinger, Kirk A., Verona, and R. O. McIntosh, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switching apparatus. 2,669,631, Feb. 16.
- Opocensky, Willard J., assignor to Librascope, Incorporated, Glendale, Calif. Two key cylinder lock. 2,667,785, Feb. 2.
- Opocensky, Willard J., and C. Brandon, to Librascope, Inc. 2,682,373, Cl. 235—139.
- Opocensky, Willard J., and L. W. Imm, to Librascope, Inc. 2,684,280, Cl. 346—123.
- Opp, Fred W.: *See*—
Opp, Walter, and F. W. 2,693,781.
- Opp, Walter, and F. W. 2,693,781, Cl. 116—118.
- Oppegard, Alfred L., to E. I. du Pont de Nemours and Co. 2,687,437, Cl. 260—607.
- Oppenheim, Richard D., assignor to Spraylat Corporation. 2,680,724, Cl. 260—23.
- Oppenheimer, Jess. 2,687,546, Cl. 16—26.
- Oppenlander, Richard C.: *See*—
Foster, Wallin G., and Oppenlander.
- Opphile, Carroll W. 2,680,842, Cl. 340—213.
- Oppl, Jan. 2,694,719, Cl. 260—343.7.
- Opsahl, Alert M., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,669,630, Feb. 16.
- Optische Anstalt C. P. Goerz Gesellschaft m. b. H., assignee: *See*—
Sochor, Franz, and Tischberger. 2,679,196.
- Optische Werke C. Reichert: *See*—
Antoine, Tassilo, Grünberger, Kodak, Wasner, and Kenzian. 2,697,431.
- Opuszenski, Theodore, Stamford, Conn. Artificial hand. 2,669,727, Feb. 23.
- Oquist, George G., to Plastic Golf Products, Inc. 2,686,056, Cl. 273—173.
- Orazi, Paolo. 2,681,775, Cl. 244—39.

- Orban, Stephen G., Bloomfield, assignor to Bendix Aviation Corporation, Teterboro, N. J. Means for resiliently mounting vanes or frangible pump elements. 2,665,056, Jan. 5.
- Orbeck, Einar M., assignor to United Aircraft Corporation. 2,675,708, Cl. 74—7.
- Orbit Valve Co.: *See—*
Blevans, Don W. 2,690,894.
- Orchin, Milton: *See—*
Orchowski, Richard. 2,690,757, Cl. 137—226.
- Oreutt, Arthur H., to The Gear Grinding Co. Ltd. 2,690,082, Cl. 74—95.
- Ordas, Arthur F., to General Electric Co. 2,691,113, Cl. 310—214.
- Ordas, Eugene P., to Arvey Corp. 2,697,103, Cl. 260—346.6.
- Ordinance Gauge Company, assignee: *See—*
Sirmay, Julius.
- O'Reilly, Emmet J.: *See—*
Chase, Sidney J., and O'Reilly. 2,697,609.
- Orelind, John R.: *See—*
Johnson, Arnold E. W., and Orelind.
- Orelup, Harold: *See—*
Harper, Wesley A., Minton, and Orelup.
- Orendorff, John W., and E. M. Clark, to International Harvester Co. 2,690,640, Cl. 56—372.
- Orens, Sidney R. 2,684,068, Cl. 128—220.
- Orenstein & Koppel Akitengesellschaft, assignee: *See—*
Ochel, Willy G., Beyermann, and Gehrman. 2,676,752.
- Orenyo, Charles: *See—*
Schulze, Chris C., and Orenyo.
- Organon, Inc.: *See—*
Beyerman, Hugo C., and Veer. 2,692,898.
Lens, Jan, and Polderman. 2,687,981.
- Organon Laboratories Ltd.: *See—*
Hewett, Colin L. 2,688,623.
- Orlando, Biagio. 2,680,666, Cl. 312—248.
- Orlando, Carl. 2,685,619, Cl. 179—171.
- Orlewitz, Felix A.: *See—*
Cohen, Selma L., and Orlewitz.
- Orloff, Harold D., and J. G. Jolly, assignors to Ethyl Corporation. 2,674,623, Cl. 260—521.
- Orloff, Harold D., and J. P. Napolitano, assignors to Ethyl Corporation. 2,675,409, Cl. 260—579.
- Orloff, Harold D., and C. J. Worrel, to Ethyl Corp. 2,691,051, Cl. 260—648.
- Orman, Johnnie A., Gardena, Calif. Bookmark with marker ribbon. 2,664,847, Jan. 5.
- Ormsby, James W.: *See—*
Hansen, Kenneth H., and Ormsby. 2,697,388.
- Ormsby, James W., New York, N. Y. Apparatus for packaging articles. 2,669,076, Feb. 16.
- Ornitz, Martin N., and R. H. English, to Blaw-Knox Co. 2,695,248, Cl. 117—65.
- Oronzio De Nora Impianti Elettrochimici: *See—*
Natta, Giulio. 2,689,250.
- Oroquieta, Jesús V. 2,690,665, Cl. 70—364.
- Oros, John J.: *See—*
Streicker, Seymour F., Oros, and Skidmore. 2,681,710.
Streicker, Seymour F., Oros, and Skidmore. 2,698,064.
Streicker, Seymour F., Oros, and Skidmore. 2,698,065.
Wender, Irving, and Orchin. 2,682,562.
- Oroshnik, William, assignor to Ortho Pharmaceutical Corporation. 2,674,621, Cl. 260—488.
- Orr, Andrew W., Jr., to G. M. and E. Holley. 2,682,836, Cl. 103—126.
- Orr, Clair S.: *See—*
Orr, Madge M. 2,697,228.
- Orr, Clark: *See—*
Young, Ralph J. 2,693,598.
- Orr, Donald J., ½ to K. W. George. 2,692,508, Cl. 74—45.
- Orr, Howard S.: *See—*
Lorig, Edwin T., and Orr.
- Orr, Howard S., Pittsburgh, Pa., assignor to United States Steel Corporation. Apparatus for cutting strip. 2,670,796, Mar. 2.
- Orr, Howard S., assignor to United States Steel Corporation. 2,678,568, Cl. 74—241.
- Orr, Howard S., to United States Steel Corp. 2,682,333, Cl. 198—127.
- Orr, John A., Chicago, Ill. Disk type mower. 2,671,299, Mar. 9.
- Orr, John H., to Carbodies Ltd. 2,689,758, Cl. 292—194.
- Orr, John L., assignor to Barber-Colman Company, Rockford, Ill. Air flow control damper. 2,672,088, Mar. 16.
- Orr, Leighton E., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Testing electroconductive surfaces. 2,673,325, Mar. 23.
- Orr, Lyman W., and L. G. Woerner, Jr., to Burroughs Corp. 2,685,653, Cl. 307—88.
- Orr, Lyman W., and E. A. Sands, to Burroughs Corp. 2,698,399, Cl. 315—21.
- Orr, Madge M., ½ to L. Bingman and ½ to C. S. Orr. 2,697,228, Cl. 2—267.
- Orr, Marcus O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Heat-sealed composite article and shirred product and making same. 2,669,535, Feb. 16.
- Orren, Louis M. and T. M., Waco, Tex. Mechanic simulating toy with sound effect. 2,669,061, Feb. 16.
- Orren, Thomas M.: *See—*
Orren, Louis M. and T. M.
- Orr's Zinc White Ltd.: *See—*
Mills, Herbert, and Ford. 2,687,972.
Mills, Herbert, and Ford. 2,687,973.
Mills, Herbert, and Ford. 2,687,974.
- Orsatti, Louis A., and R. Borrelli, ½ to L. B. Lunetta. 2,695,784, Cl. 273—25.
- Orshansky, Elias, Jr., to International Business Machines Corp. 2,689,532, Cl. 103—174.
- Ortale, Anthony S., assignee: *See—*
Calabro, Natale.
- Orth, George O., Jr., Seattle, Wash., assignor to Mathieson Chemical Corporation. Protein adhesives from animal glue, a hydrazide and formaldehyde. 2,668,154, Feb. 2.
- Orth, George O., Jr. 2,693,417, Cl. 99—3.
- Orth, George W. 2,676,553, Cl. 108—26.
- Orth, Hans, to Dynamit-Actien-Gesellschaft vormals Alfred Nobel & Co. 2,687,407, Cl. 260—88.3.
- Ortho Pharmaceutical Corp.: *See—*
Karmas, George. 2,689,260.
Oroshnik, William. 2,674,621.
Senger, Frank A., and Sellars. 2,697,057.
Singher, Heron O., and Harmison. 2,696,484.
- Orthopedic Devices, Incorporated, assignee: *See—*
Thomson, James E. M. 2,678,684.
- Orthuber, Richard K., to the United States of America as represented by the Secretary of the Air Force. 2,681,380, Cl. 178—5.4.
- Orthuber, Richard K., to the United States of America as represented by the Secretary of the Air Force. 2,682,010, Cl. 315—3.
- Orthuber, Richard K., Fort Wayne, Ind., J. E. Clemens, Xenia, and B. B. Johnstone, Dayton, Ohio, assignors to the United States of America as represented by the Secretary of the Air Force. Constructing electrostatic shutter mosaics. 2,670,523, Mar. 2.
- Ortloff, John E., Tulsa, Okla., assignor to Standard Oil Development Company. Full hole diamond bit. 2,667,334, Jan. 26.
- Ortman, Gordon C. 2,693,127, Cl. 88—16.2.
- Orwoll, Edward F., Medina, N. Y., assignor to Sharples Chemicals Inc. Production of thiophosgene. 2,668,853, Feb. 9.
- Orzábal, Raúl M., assignor to Virason Sociedad de Responsabilidad Limitada, Buenos Aires, Argentina. Coupling device. 2,664,982, Jan. 5.
- Osaka, Rikijiro. 2,691,183, Cl. 15—118.
- Osakeyhtio Vuoksenniska Aktiebolag: *See—*
Holmberg, Tor F. 2,681,855.
- Osbaldeston, Joseph: *See—*
Watson, William H., and Osbaldeston.
- Osborn, Elburt F.: *See—*
Lamb, Vernon A., and Osborn. 2,687,591.
- Osborn, Elinor W.: *See—*
Osborn, Melvin C. and E. W. 2,674,800.
- Osborn, Howard E., Michigan City, Ind. Floor rack construction for refrigerator cars. 2,669,192, Feb. 16.
- Osborn, Howard E., Michigan City, Ind. Floor construction for railway cars. 2,669,193, Feb. 16.
- Osborn, John: *See—*
Miller, Clare G., J. D. and J. Osborn. 2,684,834.
- Osborn, John D.: *See—*
Miller, Clare G., J. D. and J. Osborn. 2,684,834.
- Osborn, John J. 2,693,802, Cl. 128—214.
- Osborn, Landon C., assignor to Lane-Wells Company. 2,679,899, Cl. 164—0.5.
- Osborn, Lee L., Muscatine, Iowa. Repair chamber for submerged pipe lines. 2,667,751, Feb. 2.
- Osborn, Leonard C., Salt Lake City, Utah. Chuck. 2,670,963, Mar. 2.
- Osborn Mfg. Co., The: *See—*
Miller, Leon F. 2,682,091.
Nelson, Brooks E., and Peterson. 2,682,065.
Peterson, Ruben O.
Peterson, Ruben O. 2,680,868.
Peterson, Ruben O. 2,680,869.
Peterson, Ruben O. 2,680,938.
Peterson, Ruben O. 2,682,734.
Peterson, Ruben O. 2,690,631.
Peterson, Ruben O., and Miles.
- Osborn, Melvin C. and E. W. 2,674,800, Cl. 32—62.
- Osborn, Raymond L., to Oak Mfg. Co. 2,693,581, Cl. 333—82.
- Osborne, Carrol V., to the United States of America as represented by the United States Atomic Energy Commission. 2,693,700, Cl. 73—182.
- Osborne, Fred H., Snyder, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Automatic phonograph for two-speed records. 2,673,089, Mar. 23.
- Osborne, Harold S. 2,677,510, Cl. 242—96.
- Osborne, John B.: *See—*
Howard, Everett W., Osborne, and Wickham.
- Osborne, Sidney G.: *See—*
Spence, Harry R., Johnson, and Osborne. 2,676,900.
- Osbourne, Alan, Washington, D. C. Apparatus for indicating and regulating viscosity. 2,668,442, Feb. 9.
- Osbun, George C., deceased; N. R. Osbun, administratrix. 2,694,450, Cl. 166—77.
- Osbun, Norma R.: *See—*
Osbun, George C. 2,694,450.
- Osburn, Howard W., to Power Brake Parts Mfg. and Sales Co. 2,681,076, Cl. 137—620.
- Osburn, Joe C., and J. E. Brown, Chattanooga, Tenn. Motor vehicle garment hanger rack. 2,668,647, Feb. 9.
- Oscanyan, William H. 2,685,696, Cl. 9—11.

- Osgood, Charles F., assignor to Joy Manufacturing Company. 2,675,997, Cl. 255—51.
- Osgood, Charles F., assignor to Joy Manufacturing Company. 2,678,204, Cl. 262—30.
- Osgood, John H., to Jones & Lamson Machine Co. 2,690,373, Cl. 346—31.
- Osgood, Rollin D., to United States Steel Corp. 2,685,359, Cl. 198—33.
- O'Shea, James. 2,675,251, Cl. 284—18.
- O'Shei, William E. 2,683,353, Cl. 60—97.
- O'Shei, William E. 2,687,707, Cl. 121—142.
- O'Shei, William E. 2,689,998, Cl. 24—274.
- O'Shei, William E. 2,691,790, Cl. 15—255.
- Oshry, Howard I., to Erie Resistor Corp. 2,695,239, Cl. 106—39.
- Oshry, Howard I., to Erie Resistor Corp. 2,695,240, Cl. 106—39.
- Osip, Walter A.: *See—*
Amundsen, Paul L., and Osip.
- Oskerka, Nick, Jr., and C. W. Klostermann, to American Phenolic Corp. 2,688,737, Cl. 339—136.
- Oslund, Charles H. 2,678,218, Cl. 279—2.
- Osman, Ralph T., to L. E. Jones. 2,697,898, Cl. 51—170.
- Osmun, Dean W., Houston, Tex. Line lubricator. 2,665,773, Jan. 12.
- Osmun, Dean W. 2,689,763, Cl. 294—93.
- Osmun, Dean W. 2,693,858, Cl. 166—77.
- Osmun, Fred N. 2,684,118, Cl. 166—70.
- Osmun, Roy H., assignor to The Dow Chemical Company, Midland, Mich. Regenerating anion exchange resins. 2,669,713, Feb. 16.
- Osner, Clarence W.: *See—*
Shaver, William R., and Osner. 2,684,645.
- Osofsky, Irving B.: *See—*
Baum, Richard V., Morrill, and Osofsky.
- Osojnak, Boris M., assignor to Heyl & Patterson, Inc. 2,675,131, Cl. 212—21.
- Osplack, Joseph J., to Vinco Corp. 2,680,993, Cl. 90—57.
- Osplack, Joseph J., to Vinco Corp. 2,685,234, Cl. 90—1.6.
- Ossanna, Fred A., Jr., Austin, Tex. Temperature-controlled vending cabinet. 2,671,001, Mar. 2.
- Ossenbach, Karl, to H. and F. W. Deckel. 2,689,505, Cl. 90—13.1.
- Ossenbrüggen, Walter, and E. Konrad, to Farbenfabriken-Bayer. 2,696,479, Cl. 260—38.
- Osseo Supply & Service Company, assignee: *See—*
Meng, Miles F. 2,675,247.
- Ossian Engineering Co., Inc., assignee: *See—*
Foss Burdette W., and Hunter.
- Osten, Fred C., Sr., Detroit, Mich. Window construction. 2,667,668, Feb. 2.
- Ostendorf, Bernard, Jr.: *See—*
Hysko, John L., Ostendorf, Rea, and Watson. 2,683,189.
- Oster Mfg. Co., The: *See—*
Chasar, Anthony R. 2,693,966.
- Osterberg, Harold: *See—*
Polanyi, Michael L., and Osterberg. 2,683,394.
- Osterberg, Harold, Springdale, Conn., assignor to American Optical Company, Southbridge, Mass. Variable light-modifying device. 2,667,811, Feb. 2.
- Osterhus, Ervin J.: *See—*
Richards, Archer W., and Osterhus.
Richards, Archer W., and Osterhus. 2,693,832.
- Osterman, Joseph T., Wilbraham, assignor to American Bosch Corporation, Springfield, Mass. Windshield wiper. 2,672,760, Mar. 23.
- Österman, Karl, Stockholm, and G. Arnberg, Lidlino, assignors to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Apparatus for welding radiators. 2,667,137, Jan. 26.
- Osterman, Philip C., Elizabeth, and F. W. Hornbruch, Roselle Park, assignors to American Gas Furnace Company, Elizabeth, N. J. Shuffle muffle heat treating furnace. 2,671,655, Mar. 9.
- Ostermayer, William P., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Cork composition surface covering. 2,671,733, Mar. 9.
- Osterreichische Stickstoffwerke Aktiengesellschaft, assignee: *See—*
Matzke, Josef.
- Ostline, John E., assignor to Automatic Electric Laboratories, Inc. 2,674,656, Cl. 179—9.
- Ostline, John E., assignor to Automatic Electric Laboratories, Inc. 2,678,353, Cl. 179—18.
- Ostling, Roy V.: *See—*
Davies, Charles H., and Ostling.
- Östlund, Karl B., assignor to Stora Kopparbergs Bergslags Aktiebolaget. 2,675,133, Cl. 214—10.5.
- Ostman, Nels P. 2,693,876, Cl. 209—140.
- Ostrak, Joseph, to Joy Mfg. Co. 2,690,546, Cl. 339—252.
- Ostrander, William M.: *See—*
Keiper, Phillip C., and Ostrander.
- Ostroff, Harold H., to McDonnell Aircraft Corp. 2,688,845, Cl. 60—39.28.
- Ostrogna, Allen G., assignor to General Electric Company. 2,674,407, Cl. 230—259.
- Ostrow, Barnett D. 2,694,677, Cl. 204—52.
- Ostrowski, Michael. 2,684,669, Cl. 126—271.2.
- Ostwald, Richard, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Pressure booster regulator. 2,665,839, Jan. 12.
- O'Sullivan, Eugene. 2,680,894, Cl. 25—131.
- Osvold, Ralph M.: *See—*
Hurst, Norman F. 2,687,810.
Hurst, Norman F. 2,687,811.
- Oswald, Frederick G.: *See—*
Oswald, Joseph H. and F. G.
Oswald, Joseph H. and F. G. 2,668,166.
- Oswald, Joseph H. and F. G., South Euclid, Ohio. Panel closure. Re. 23,775, Jan. 26.
- Oswald, Joseph H. and F. G. 2,688,166, Cl. 20—69.
- Oswald, Karl, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Beam-limiting diaphragm for X-ray tubes. 2,667,588, Jan. 26.
- Oswald, Robert A. 2,677,305, Cl. 88—16.
- Oswalt, George L. 2,695,523, Cl. 74—61.
- Oswego Falls Corp.: *See—*
Barnes, Alfred A., and Spurr.
Wilcox, Isaac L. 2,697,313.
Wilcox, Isaac L., Barnes, Patch, and Spurr. 2,692,463.
- Oswin, Charles R.: *See—*
Berry, William, Oswin, and Boyd. 2,684,919.
- Otger, Meindert: *See—*
Netelenbos, Willem J., Otger, and Robbenhaar.
- Othmer, Donald F., Coudersport, Pa., and W. R. Smith, Crown Point, N. Y. Preparing molded products of lignocellulose and lignin. 2,669,522, Feb. 16.
- Othmer, Donald F., L. G. Ricciardi, and W. R. Smith. 2,687,556, Cl. 18—55.
- Othmer, Donald F., E. R. Mellenger, and W. R. Smith. 2,692,206, Cl. 106—163.
- Otis Elevator Co.: *See—*
Glaser, William F., and Lusti. 2,682,318.
Margles, Samuel G., and Fabula. 2,686,585.
Marks, Alexander, and Larson. 2,690,547.
Paulson, Arthur W. 2,686,907.
- Otis Engineering Corp.: *See—*
Bostock, James H., Hasty, and Otis. 2,676,782.
Marshall, Samuel J. E., and Fredd. 2,698,056.
Miller, Ira A.
- Otis, Herbert C.: *See—*
Bostock, James H., Hasty, and Otis. 2,676,782.
- Otis, Herbert C. 2,679,261, Cl. 137—458.
- Otis, Herbert C. 2,693,819, Cl. 137—458.
- Otis Pressure Control, Inc.: *See—*
Fredd, John V. 2,695,458.
Hoffer, Temple P.
- Otis, Russell M., and A. M. Vigilante, assignors to Lane-Wells Company. 2,678,028, Cl. 324—111.
- Otis, Stanley J. 2,693,169, Cl. 119—18.
- Otjen, Albert M., Madison, Nebr. Longitudinally adjustable draft device. 2,667,366, Jan. 26.
- Ott, Arnold C., and G. Slomp, Jr., to The Upjohn Co. 2,694,078, Cl. 260—397.45.
- Ott, Carl F. and J. T. 2,688,988, Cl. 140—119.
- Ott, Hermann. 2,674,042, Cl. 33—25.
- Ott, Howard E. 2,674,022, Cl. 24—139.
- Ott, Jud T.: *See—*
Ott, Carl F. and J. T. 2,688,988.
- Ott, Richard F., Canton, Ohio. Trailer vehicle construction. 2,672,350, Mar. 16.
- Otte, Henry, Detroit, assignor to Bowen Products Corporation, Ecorse, Mich. Oil cup assembly machine. 2,669,009, Feb. 16.
- Otten, Philip S., New Rochelle, assignor to The Griscom Russell Company, New York, N. Y. Insulated bayonet tube vaporizer. 2,665,556, Jan. 12.
- Ottewell, Alfred K.: *See—*
Upton, Edward J., and Ottewell. 2,693,008.
- Ottmann, Gerhard: *See—*
Grundmann, Christoph J., and Ottmann.
- Otto, Carl, Manhasset, N. Y. Coke oven heating walls. 2,665,242, Jan. 5.
- Otto, Carl, Manhasset, N. Y. Regenerator flow distribution control. 2,672,437, Mar. 16.
- Otto, Carl. 2,675,215, Cl. 261—36.
- Otto, Carl. 2,688,533, Cl. 23—273.
- Otto, Carl. 2,695,870, Cl. 202—153.
- Otto, Eugene J., assignor to Allis-Chalmers Manufacturing Company. 2,678,567, Cl. 74—230 17.
- Otto, Eugene J., to Allis-Chalmers Mfg. Co. 2,690,677, Cl. 74—230.17.
- Otto, Ferdinand P., assignor to Socony-Vacuum Oil Company, Incorporated. 2,680,759, Cl. 260—454.
- Otto, Gerhold L., to Davis & Thompson Co. 2,697,952, Cl. 77—23.
- Otto, Herbert. 2,678,711, Cl. 193—17.
- Otto, Julian A.: *See—*
Gilbert, Everett E., Otto, and Veldhuis. 2,697,119.
- Otto, Stanley W., and E. W. McCaul, to Jervis B. Webb Co. 2,696,742, Cl. 74—254.
- Ottomano, Mario W., Union City, N. J., assignor to American Safety Razor Corporation, Brooklyn, N. Y. Cutting pile wire. 2,664,919, Jan. 5.
- Ottosson, Olof L., to Telefonaktiebolaget L M Ericsson. 2,683,080, Cl. 23—273.
- Otzmann, Henry, Jr., to Westinghouse Electric Corp. 2,697,204, Cl. 324—151.
- Oughton, Charles D., to The United States Playing Card Co., and National Publishing Co. 2,684,918, Cl. 117—3.3.
- Ouimet, Claire, assignee: *See—*
Gagné, Hervé. 2,679,881.

- Oulianoff, George, to Rolls-Royce Ltd. 2,696,709, Cl. 60—35.6.
- Our Savior's Evangelical Lutheran Church: *See*—
Sundholm, Edwin P. 2,686,625.
- Oury Engineering Company, assignee: *See*—
Oury, John F.
Oury, John F. 2,676,003.
Oury, John F. 2,678,197.
- Oury, John F., Melrose Park, assignor to Oury Engineering Company, Wheaton, Ill. Distributing chute for transit concrete mixers. 2,672,327, Mar. 16.
- Oury, John F., assignor to Oury Engineering Company. 2,676,003, Cl. 259—177.
- Oury, John F., assignor to Oury Engineering Company. 2,678,197, Cl. 259—161.
- Outboard, Marine & Mfg. Co.: *See*—
Conover, Warren C.
Watkins, Lucius D. 2,682,259.
Watkins, Lucius D. 2,691,703.
Watkins, Lucius D. 2,692,589.
Watkins, Lucius D., and Irgens. 2,675,789.
- Outcalt, Frederick G., New Rochelle, and E. L. Frost, Snyder, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Submerged-melt electric series-arc welding. 2,669,640, Feb. 16.
- Outterson, George G., Mexico, N. Y. Safety control for a combustion system. 2,673,603, Mar. 30.
- Ouweltjes, Jan L.: *See*—
Travnicek, Milan M. F. L., Ouweltjes, and Kroger. 2,688,600.
- Ouweltjes, Jan L., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric lamp. 2,668,252, Feb. 2.
- Ouweltjes, Jan L., to Hartford National Bank and Trust Co., as trustee. 2,692,349, Cl. 313—109.
- Oven Construction Co. Ltd.: *See*—
Bott, Hugh R., and Spiers. 2,687,999.
- Overath, Wilhelm A., R. Kallenbach, and H. Fleischhauer, Frankfurt am Main, Germany, assignors to Parker Rust Proof Company, Detroit, Mich. Drawing lubricant compositions. 2,672,976, Mar. 23.
- Overbeck, Reynolds C., assignor, by mesne assignments, to Eberbach & Son Company. 2,677,656, Cl. 204—221.
- Overberger, Charles G., to L. A. Dreyfus Co. 2,687,422, Cl. 260—410.5.
- Overbey, Ernest E.: *See*—
Holzrichter, Robert F., and Overbey.
- Overby, John G.: *See*—
Overby, Theodore A. and J. G. 2,692,579.
- Overby, Sune L.: *See*—
Ericsson, Eric A., Jorgensen, and Overby.
- Overby, Theodore A. and J. G. 2,692,579, Cl. 119—73.
- Overcash, Dwight M., and R. B. Parks, to General Motors Corp. 2,696,467, 204—52.
- Overhead Door Corp.: *See*—
Beall, Russell M. 2,684,846.
Moler, Charles C.
Moler, Charles C. 2,687,320.
Schacht, Clifford A., Jr., and Crosswell. 2,686,926.
- Overholser, John S.: *See*—
Sawyer, Marshall W., Wilson, Kenway, and Overholser. 2,697,543.
- Overhulse, Marion W., Pacific Grove, Calif. Joint between precast concrete slabs. 2,673,459, Mar. 30.
- Overly Mfg. Co.: *See*—
Goodwin, John H. 2,697,932.
- Overman, Earl R. 2,682,307, Cl. 164—76.
- Overmier, Herbert F.: *See*—
McLean, Mark L., and Overmier. 2,696,535.
- Overstall, George: *See*—
Tusting, John C., and Overstall.
- Ovshinsky, Stanford, to The Stanford Roberts Mfg. Co. 2,697,610, Cl. 279—4.
- Ovshinsky, Stanford R. 2,674,331, Cl. 180—79.1.
- Ovshinsky, Stanford R. 2,674,332, Cl. 180—79.1.
- Owatonna Manufacturing Co. Inc., assignee: *See*—
Ommott, Julius. 2,677,225.
- Owatonna Tool Co.: *See*—
Kaplan, Reuben A. 2,683,387.
- Owen, Frank M., Houston, Tex. Flexible joint and sealing element therefor. 2,670,976, Mar. 2.
- Owen, Frank M. 2,677,329, Cl. 103—117.
- Owen, Frederick C., Fayetteville, N. C. Welding transformer. 2,671,196, Mar. 2.
- Owen, Harold A., to International Latex Corp. 2,687,158, Cl. 150—1.
- Owen, John C. 2,686,286, Cl. 321—50.
- Owen, John W. 2,691,357, Cl. 116—86.
- Owen, Johnie O., administrator: *See*—
Owen, Turner A.
- Owén, Jonas L. and P. I., Edsbyn, and O. H. Lindh, Knada, Övanaker, Sweden. Kitchen table with space for storage of sleeve boards beneath main table leaves. 2,673,411, Mar. 30.
- Owen, Nathan B.: *See*—
Carlson, George E., Bader, and Owen. 2,686,652.
- Owén, Pelle I.: *See*—
Owén, Jonas L. and P. I., and Lindh.
- Owen, Robert J.: *See*—
Luebking, Walter C., and Owen. 2,693,510.
- Owen, Robert P., assignor to Bendix Aviation Corporation. 2,677,785, Cl. 315—24.
- Owen, Thomas G.: *See*—
Evans, Richard E., Darby, and Owen.
Evans, Richard E., Darby, and Owen. 2,686,824.
- Owen, Turner A., deceased, Long Beach, Calif., J. O. Owen, administrator, assignor, by mesne assignments, to Perforating Guns Atlas Corporation, Houston, Tex. Oil well cementing tool. 2,670,798, Mar. 2.
- Owen, Whitney F. 2,687,570, Cl. 30—91.
- Owens, Binford H.: *See*—
Hale, Donald H., and Owens.
- Owens, Cletis E., Detroit, Mich. Anchoring means for carpet tacking strips. 2,670,494, Mar. 2.
- Owens-Corning Fiberglas Corp.: *See*—
Bay, Ernest. 2,693,844.
Biefeld, Lawrence P., and Morrison.
Biefeld, Lawrence P. 2,683,097.
Biefeld, Lawrence P., and Stalego.
Caroselli, Remus F., and Gagnon. 2,686,737.
Deardurff, Lawrence R. 2,684,309.
De Piolenc, Gerard, and Russell. 2,692,296.
Farris, Robert W. 2,676,155.
Fletcher, Ed. 2,687,599.
Folger, Charles J., and Roberts. 2,676,898.
Jensen, Meredith S. 2,677,007.
Krause, Walter. 2,683,980.
Kuenn, William W., and Jones. 2,681,702.
Radtko, Adelbert C., and Fletcher. 2,693,429.
Schultz, Robert W. 2,684,107.
Sens, Fred T. 2,687,781.
Slayter, Games.
Slayter, Games. 2,693,668.
Slayter, Games, and Armstrong. 2,692,219.
Slayter, Games, and Armstrong. 2,694,025.
Slayter, Games, and Drummond. 2,691,852.
Stalego, Charles J. 2,681,696.
Stalego, Charles J. 2,687,551.
Waggoner, Jack H.
Yeager, Leo R. 2,675,420.
- Owens, Freeman H. 2,681,950, Cl. 179—100.2.
- Owens, Freeman H. 2,687,259, Cl. 242—55.
- Owens, Harry S.: *See*—
Shepherd, Allan D., McCready, and Owens.
- Owens-Illinois Glass Co.: *See*—
Barnby, Herbert A., and Ryan. 2,694,516.
Belada, John. 2,689,595.
Buerger, Martin J., and Washkin. 2,687,364.
Cline, Leon E., and Smith. 2,687,289.
Crecelius, Harry G. 2,692,503.
Fedorchak, William J., Politsch, Wideman, and Duncan. 2,682,802.
Fry, William L., and Strzala. 2,689,409.
Hohl, John, and Trendel.
Husum, Charles W., and Wheaton. 2,689,840.
Kalousek, George L.
Lobdell, Edward M., and Wright.
Noble, Burton A.
Parks, Willis J.
Pim, Richard A. 2,684,141.
Strzala, Kazimer A. 2,687,068.
Swanson, Robert G. 2,684,560.
Van Steyn, Gerard K. 2,698,121.
Weber, Walter C. 2,688,823.
Young, Norton S. 2,680,332.
- Owens, James B., East McKeesport, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switch operating mechanism. 2,669,622, Feb. 16.
- Owens, James B., to Westinghouse Electric Corp. 2,697,144, Cl. 200—48.
- Owens, James B., East McKeesport, and E. F. Beach, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switch operating mechanism. 2,669,614, Feb. 16.
- Owens, James B., and E. F. Beach, to Westinghouse Electric Corp. 2,697,153, Cl. 200—146.
- Owens, Jesse C., Los Angeles, Calif. Toilet flush tank trip lever construction. 2,668,961, Feb. 16.
- Owens, Oliver Kinsley. 2,683,009, Cl. 248—97.
- Owner, Frank M., and F. C. I. Marchant, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Air distribution system for flame tubes of gas turbine engines. 2,670,600, Mar. 2.
- Ownley, Charles W.: *See*—
Daugherty, Jesse, Ownley, and Jones. 2,696,763.
- Owren, Harvey M., to the United States of America as represented by the United States Atomic Energy Commission. 2,692,297, Cl. 174—18.
- Owsen, Paul J.: *See*—
Owsen, Peter and P. J. 2,682,712.
- Owsen, Paul J. and P. 2,676,812, Cl. 280—11.28.
- Owsen, Peter: *See*—
Owsen, Paul J. and P. 2,676,812.
- Owsen, Peter and P. J. 2,682,712, Cl. 36—2.5.
- Oxford Corporation, assignee: *See*—
Fridolph, John S. 2,679,986.
Mallabar, Herbert J.
- Oxford, John T. 2,684,663, Cl. 122—275.
- Oxirane Ltd.: *See*—
Lowe, Arnold J., and Butler. 2,697,104.
- Oxnard, Benjamin A., and C. H. Criswell, Denver, and A. J. Thomas, Johnstown, Colo., assignors to The Great Western Sugar Company. Producing brown sugar. 2,668,128, Feb. 2.
- Oxy-Catalyst, Inc., assignee: *See*—
Houdry, Eugene J. 2,674,521.

- Ozmina, Walter E., to International Harvester Co. 2,682,880, Cl. 134—56.
- P. B. R. Manufacturing Co., assignee: *See*—
Pucci, Joseph.
- P & K Incorporated, assignee: *See*—
Pachner, Leo C.
- P M Industries, Incorporated, assignee: *See*—
Barradas, George. 2,677,373.
Barradas, George, and Motten.
Battersby, Robert B.
Meretey, Zoltan.
- Paasche, Jens A. 2,676,844, Cl. 299—86.
- Paatero, Yrjö V. 2,684,416, Cl. 250—50.
- Pabst, Arthur C., R. J. Holzinger, and E. J. Gavin, to Socony-Vacuum Oil Co., Inc. 2,695,277, Cl. 260—28.5.
- Pabst Brewing Co.: *See*—
Frieden, Alexander, Hoogerheide, and Stern. 2,694,011.
Stoller, Benjamin B. 2,698,275.
- Pacciarini, Antonio: *See*—
Giletta, Dario, Pacciarini, and Zuliani. 2,681,684.
- Pace, Barbara V. 2,675,459, Cl. 219—39.
- Pace, Benjamin S.: *See*—
Grekel, Howard, Pace, and Ireland.
- Pace, Walter R., and P. Baysinger. 2,676,778, Cl. 248—300.
- Pacey, John J.: *See*—
Grisé, Alfred L., and Pacey. 2,678,624.
Tapp, Harry F., Mash, and Pacey. 2,693,114.
- Pacey, John J., to Gilbert & Barker Mfg. Co. 2,691,955, Cl. 116—117.
- Pacheco, Ricardo, assignee: *See*—
Quintero R., Luis P. 2,679,743.
- Pachner, Leo C., assignor to P & K Incorporated, Momence, Ill. Device for dipping and holding minnows. 2,670,557, Mar. 2.
- Pacific Can Co.: *See*—
Colvin, William I.
Jeremiah, Earl E.
Renard, Roland E. 2,681,968.
- Pacific Car and Foundry Co.: *See*—
Henrikson, Thor O. 2,688,939.
- Pacific Dairy Machinery Co.: *See*—
Martin, William W. 2,685,863.
- Pacific Electric Mfg. Corp.: *See*—
Umphrey, Donald M. 2,675,446.
Umphrey, Donald M. 2,697,352.
- Pacific Lumber Co., The: *See*—
Lewis, Harry F., and Buchanan. 2,674,575.
Lewis, Harry F., and Buchanan. 2,698,233.
- Pacific Mills: *See*—
Cabot, Samuel, and Cohen. 2,692,184.
Dalton, John N., and Kaupin.
Dalton, John N., and Kaupin. 2,689,806.
Ford, Jesse A., and Howard. 2,695,414.
Weick, Arthur C. 2,698,263.
- Pacific Pipe Co.: *See*—
Jacobs, Mayhelt. 2,687,905.
- Pacific Pumps, Inc.: *See*—
Ecker, Murry F. 2,682,281.
- Pack, Frank C., R. N. Moore, and W. G. Bickford, to the United States of America as represented by the Secretary of Agriculture. 2,685,597, Cl. 260—486.
- Package Machinery Co.: *See*—
Crescenzo, Francis C. 2,675,658.
Gross, Frank C., and Chytil.
Palmer, Frank D. 2,693,298.
Prince, Clarence F. 2,680,336.
Rawson, Emanuel.
Rawson, Emanuel. 2,693,703.
- Packaging Materials Corp.: *See*—
Brown, Paul. 2,680,996.
Perry, Eugene L.
- Packard, Alden, Sunbury, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switching circuit. 2,666,867, Jan. 19.
- Packard-Bell Company, assignee: *See*—
Cole, Byron M. 2,676,201.
- Packard, David, Los Altos, assignor to Hewlett-Packard Company, Palo Alto, Calif. Ultrahigh-frequency measuring apparatus. 2,673,963, Mar. 30.
- Packard Motor Car Co.: *See*—
Lucia, Carroll J. 2,693,260.
McFarland, Forest R.
McFarland, Forest R. 2,689,029.
McFarland, Forest R. 2,691,940.
McFarland, Forest R. 2,693,810.
McFarland, Forest R. 2,694,948.
McFarland, Forest R. 2,694,949.
Misch, Herbert L. 2,690,132.
Misch, Herbert L. 2,691,812.
Misch, Herbert L. 2,696,660.
Nagely, John L. 2,683,965.
O'Brien, James H. 2,674,905.
Ware, Marsden. 2,674,220.
Weinberg, Morton I. 2,675,208.
- Packer, Johnson L., Sevenoaks, and G. T. W. Grieve, Woolwich, London, assignors to British Insulated Callender's Cables Limited, London, England. Means for controlling the tension in running strip. 2,667,311, Jan. 26.
- Packie, John W., Maplewood, N. J., assignor to Standard Oil Development Company. Electrical coalescence process. 2,666,739, Jan. 19.
- Packie, John W., to Standard Oil Development Co. 2,690,991, Cl. 196—49.
- Packie, John W., to Standard Oil Development Co. 2,692,222, Cl. 196—14.2.
- Packless Metal Hose, Inc.: *See*—
Andrew, Neil, and Sproul. 2,695,183.
- Pacoud, André: *See*—
Fenoglio, Maurice, and Pacoud. 2,680,139.
- Paddock, Levi S., assignor to Swift & Company, Chicago, Ill. Treating animal tissue. 2,673,804, Mar. 30.
- Paddock, Prisk. 2,676,472, Cl. 65—31.
- Paden, Frederick T., to the United States of America as represented by the Secretary of the Army. 2,693,107, Cl. 73—89.
- Padevco, Inc.: *See*—
Wilmutte, Raymond M.
Wilmutte, Raymond M. 2,684,439.
- Padgett, Philip M., to Titeflex, Inc. 2,693,779, Cl. 113—35.
- Pad-Y-Wax Company, Inc., The, assignee: *See*—
Stroop, John H.
- Paganini, Carl, Stuttgart, Germany. Combination lock. 2,664,738, Jan. 5.
- Pagano, Joseph F., and G. Greenspan, to Olin Mathieson Chemical Corp. 2,695,864, Cl. 195—80.
- Page, Alfred C., assignor to Wright's Biscuits Limited. 2,680,528, Cl. 214—8.5.
- Page, Ancel S., Portland, Oreg. Removable load-carrying frame for trucks. 2,671,670, Mar. 9.
- Page Belting Company, assignee: *See*—
Gravitt, Victor.
- Page, Carl S. 2,690,200, Cl. 150—37.
- Page, Chester H., Providence, R. I., assignor to the United States of America as represented by the Secretary of the Navy. Alternator. 2,671,882, Mar. 9.
- Page, Chester M. 2,694,233, Cl. 20—4.
- Page Engineering Co.: *See*—
Page, John W. 2,697,527.
- Page, James: *See*—
Rose, Alfred G., and Page. 2,681,803.
- Page, John E., West Cornwall, Conn., assignor to Gibson Patent Containers, Ltd., Sidney, Australia. Collapsible container. 2,671,592, Mar. 9.
- Page, John E., Cornwall, Conn., assignor to Gibson Patent Containers, Ltd., Sidney, Australia. Paperboard container. 2,671,593, Mar. 9.
- Page, John H., to Shaw-Walker Co. 2,692,811, Cl. 312—308.
- Page, John, Jr., Glidden, Saskatchewan, Canada. Reversibly driven swather attachment. 2,666,518, Jan. 19.
- Page, John S., assignor to Page Oil Tools Inc., Long Beach, Calif. Sucker rod coupling. 2,671,682, Mar. 9.
- Page, John S., assignor to Page Oil Tools Inc. 2,674,199, Cl. 103—219.
- Page, John S., assignor, by mesne assignments, to Fluidal Valves, Inc. 2,676,611, Cl. 137—461.
- Page, John S., to Page Oil Tools Inc. 2,689,710, Cl. 255—23.
- Page, John S. 2,693,201, Cl. 137—625.12.
- Page, John S., to Page Oil Tools Inc. 2,695,623, Cl. 137—70.
- Page, John S., to Page Oil Tools Inc. 2,698,058, Cl. 166—212.
- Page, John W., to Page Engineering Co. 2,697,527, Cl. 212—59.
- Page, Leon B.: *See*—
Lewis, William R., Bird, and Page. 2,688,004.
- Page, Louis J. 2,685,819, Cl. 88—49.
- Page, Ludolphus G. 2,687,858, Cl. 244—88.
- Page Oil Tools Inc.: *See*—
Page, John S. 2,674,199.
Page, John S. 2,689,710.
Page, John S. 2,695,623.
Page, John S. 2,698,058.
- Page, Ralph E.: *See*—
Beattie, Horace S., Page, and Kerbin. 2,687,086.
- Page, Robert G., New Britain, Conn., assignor, by mesne assignments, to General Electric Company. Circuit breaker trip control device. 2,667,548, Jan. 26.
- Page, Robert M.: *See*—
Young, Leo C., and Page. 2,688,746.
- Page, Robert M. 2,677,127, Cl. 343—11.
- Page, Thomas J., to McDonnell Aircraft Corp. 2,689,010, Cl. 170—135.74.
- Page, Zela K., assignee: *See*—
Bushell, Elmer H.
- Pagès, André P., and G. H. L. Dureau, to Societe Alsacienne de Constructions Mecaniques. 2,685,647, Cl. 250—27.
- Paget, Win W.: *See*—
Collins, Samuel C., Paget, and Tyree.
- Paget, Win W., assignor to Joy Manufacturing Company. 2,678,028, Cl. 121—117.
- Paget, Win W., to Joy Mfg. Co. 2,685,179, Cl. 62—122.
- Paget, Win W., to Joy Mfg. Co. 2,694,519, Cl. 230—4.
- Paget, Win W., to Joy Mfg. Co. 2,695,132, Cl. 230—183.
- Pagliuso, Robert J., La Canada, Calif. Ball swivel, tripod assembly head. 2,670,228, Feb. 23.
- Pagliuso, Robert J., La Canada, Calif. Automatic crank latch. 2,670,634, Mar. 2.
- Pagni, Alessandro, to Vittorio Necchi S. p. A. 2,685,266, Cl. 112—210.
- Pagon, Garrett D.: *See*—
Dean, Walter B., and Pagon.

- Pahl, Leo F.: *See*—
Day, Carl L., and Pahl. 2,685,396.
- Pahl, Walter H., K. H. Williams, and H. J. Tierney, assignors, by mesne assignments, to Minnesota Mining & Manufacturing Company. 2,674,555, Cl. 154—53.5.
- Pahl, Walter H., K. H. Williams, and H. J. Tierney, assignors, by mesne assignments, to Minnesota Mining & Manufacturing Company. 2,674,556, Cl. 154—53.5.
- Palement, Joseph: *See*—
Bridge, Rex. 2,693,890.
- Paige, Walter G., to Remington Rand Inc. 2,694,362, Cl. 101—93.
- Paillard, S. A., assignee: *See*—
Gugger, Walter.
- Pailthorp, John R., to E. I. du Pont de Nemours & Co. 2,694,739, Cl. 260—653.
- Pain, David L.: *See*—
Slack, Ronald, Libman, and Pain.
- Paine, Harry C., California, Pa. Lathe tool jack. 2,668,467, Feb. 9.
- Paine, Howard A., to Allegheny Ludlum Steel Corp. 2,686,826, Cl. 13—14.
- Paine, Louis A., West Lafayette, assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Pencil chart mechanism. 2,665,185, Jan. 5.
- Paine, Louis A., to Duncan Electric Mfg. Co. 2,685,080, Cl. 340—248.
- Paine, Louis A., to Duncan Electric Mfg. Co. 2,692,179, Cl. 346—139.
- Painter, Frank F.: *See*—
Hoyet, Eugene, and Painter.
- Painton & Co., Ltd.: *See*—
Kerridge, Frank E., and Pearce. 2,693,023.
- Paist, Walter D.: *See*—
Horback, William B., Berardinelli, and Paist.
Van Gorder, Norman, and Paist. 2,678,309.
Van Gorder, Norman, and Paist. 2,678,330.
- Pajes, Wolf S. 2,679,474, Cl. 204—27.
- Pak Parachute Company Limited, assignee: *See*—
Caspar, Frank A.
- Pakko Laboratories, Inc., assignee: *See*—
Colman, Benjamin W.
- Pako Corp.: *See*—
Sardeson, Robert. 2,690,327.
- Paksver, Serge: *See*—
Szegho, Constantin S., and Paksver. 2,680,213.
- Paksver, Serge, and W. O. Reed, to Rauland Corp. 2,689,313, Cl. 313—102.
- Palaith, Herbert E. 2,685,372, Cl. 211—153.
- Palazzolo, Rosario. 2,676,311, Cl. 340—74.
- Palcich, Anthony D.: *See*—
Magnuson, Willard C., Palcich, and Weseman. 2,674,858.
- Paldanius, Leo A. 2,698,188, Cl. 280—303.
- Palese, Richard A. M., and S. H. A. Young, to American Cyanamid Company. 2,681,599, Cl. 92—55.
- Palid, Joseph J.: *See*—
Darin, William, and Palid.
- Paliuca, Frank G., assignor to National Office Supply Mfg. Co., Inc. 2,678,862, Cl. 312—28.
- Pall, Francis A., San Diego, and L. A. Pfankuch, La Mesa, assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Adjustable vehicle seat. 2,669,284, Feb. 16.
- Palladino, Steve V., Jr. 2,683,783, Cl. 200—84.
- Pallein, Michael: *See*—
Wilkinson, Alvin H., and Pallein.
- Pallet Devices, Inc., assignee: *See*—
Budd, Larry J.
- Palley, I. Nevin, assignor, by mesne assignments, to Chance Vought Aircraft, Incorporated. 2,679,369, Cl. 248—5.
- Pallotti, Francis P. 2,687,577, Cl. 33—222.
- Palm, George H., assignor to Illinois Stamping & Mfg. Co., Chicago, Ill. Sprayer construction. 2,665,943, Jan. 12.
- Palm, James W. 2,692,018, Cl. 160—349.
- Palm, Kenneth E., to Radio Corp. of America. 2,688,897, Cl. 88—14.
- Palma, Joseph, Jr., and J. G. Knapp, assignors to O-Cedar Corp'n. 2,679,064, Cl. 15—244.
- Palma, Joseph, Jr., and J. G. Knapp, to O-Cedar Corp. 2,685,098, Cl. 15—119.
- Palmatier, Francois N., Arlington Heights, assignor to The Goss Printing Press Company, Chicago, Ill. Web supply reel for printing presses. 2,668,677, Feb. 9.
- Palme, Josef F., and J. M. Benzing, to The Singer Mfg. Co. 2,682,242, Cl. 112—210.
- Palmentola, Enzo, and U. Travagli, to "Rivarossi" Officine Miniature Elettroferroviarie Soc. Acc. SEMPL. di A. Rossi, F. Brunner & C. 2,692,364, Cl. 318—297.
- Palmer, A. C., Construction Co., assignee: *See*—
Stephenson, Verl J. 2,676,224.
- Palmer, Charles, and E. G. Woodward, to Morgan Construction Co. 2,696,922, Cl. 214—18.
- Palmer, Earl W.: *See*—
Nevers, Ralph P., and Palmer. 2,689,216.
- Palmer, Frank D., to Package Machinery Co. 2,693,298, Cl. 220—118.
- Palmer, Harry A.: *See*—
Sinclair, Charles W., and Palmer. 2,693,021.
- Palmer, Joseph D., deceased, Tulare, Calif., C. P. Wofford, administratrix of J. D. Palmer. Piston valve. 2,671,632, Mar. 9.
- Palmer, Leon E.: *See*—
Beiderbecke, Charles H., and Palmer. 2,675,113.
- Palmer, Luther. 2,678,554, Cl. 70—38.
- Palmer Manufacturing Company, The, assignee: *See*—
Palmer, Robert E. 2,678,656.
- Palmer, Ralph R.: *See*—
Decker, Andrew H., Modersohn, and Palmer. 2,697,802.
- Mason, James A., and Palmer. 2,692,353.
- Palmer, Ralph A. 2,681,508, Cl. 33—64.
- Palmer, Richard C., to Allen B. Du Mont Laboratories, Inc. 2,688,075, Cl. 250—27.
- Palmer, Robert E., assignor to The Palmer Manufacturing Company. 2,678,656, Cl. 134—58.
- Palmer, Thomas O., Chicago, Ill. Dock plate. 2,666,936, Jan. 26.
- Palmer, Thomas S. 2,681,433, Cl. 324—53.
- Palmer, Winslow, to The Sperry Corp. 2,683,873, Cl. 343—103.
- Palmer-Bee Company, assignee: *See*—
Boehm, Walter G. 2,678,715.
- Palmiter, Daniel A., assignor to Shepherd Tractor & Equipment Co. 2,674,817, Cl. 37—144.
- Palmleaf, Herbert, Melrose Park, assignor to A. J. Gerrard & Company, Chicago, Ill. Strap cutter. 2,673,394, Mar. 30.
- Palmqvist, Fredrik T., to Aktiebolaget Separator. 2,694,082, Cl. 260—424.
- Palmqvist, Fredrik T. E., assignor to Aktiebolaget Separator-Nobel, Stockholm, Sweden. Dewaxing petroleum oils and the like. 2,668,141, Feb. 2.
- Palombo, Louis J., Providence, R. I. Center brace. 2,668,563, Feb. 9.
- Palosaari, Carl W. 2,680,907, Cl. 30—302.
- Palson, Richard C. J., to Farrington Mfg. Co. 2,698,083, Cl. 206—45.13.
- Paltz, Walter J., Fanwood, and B. R. Tegge, Chatham, N. J., assignors to Standard Oil Development Company. Alkylation of aromatics. 2,667,519, Jan. 26.
- Paluch, Milton M., and C. A. Teichert, Grand Rapids, assignors to General Motors Corporation, Detroit, Mich. Automatic gas inlet valve. 2,667,155, Jan. 26.
- Paluev, Konstantin K., to General Electric Co. 2,685,677, Cl. 336—57.
- Palumbo, Robert C.: *See*—
Russell, Harry J., Palumbo, and Brestrup.
- Panagrossi, Ahmed, to The Connecticut Hard Rubber Co. 2,685,459, Cl. 285—84.
- Pan, Wen Y., assignor to Radio Corporation of America. 2,675,432, Cl. 179—171.
- Pan, Wen Y., to Radio Corp. of America. 2,686,903, Cl. 333—73.
- Pan, Wen Y., and C. W. Wittenburg, to Radio Corp. of America. 2,686,879, Cl. 250—40.
- Pan, Wen Yuan, to Radio Corp. of America. 2,688,691, Cl. 250—20.
- Pan American Refining Corp.: *See*—
Horner, John F. 2,688,866.
- Pan American World Airways, Inc.: *See*—
Parker, John M. 2,688,504.
Sterling, James B. 2,688,289.
- Pandapas, George J., to Electro Tec Corp. 2,696,570, Cl. 310—232.
- Pangborn Corp.: *See*—
Gladfelter, Wiltie I. 2,682,135.
Gladfelter, Wiltie I., and Garver. 2,683,340.
Powell, George W., and Brunner. 2,686,991.
Vedder, Walter O. 2,678,109.
- Panhandle Eastern Pipe Line Company, assignee: *See*—
Young, Farrile S.
- Panik, Irene M., Elizabeth, N. J., and W. F. Sullivan, Oak Ridge, Tenn., assignors to National Lead Company, New York, N. Y. Rendering cellulosic materials fire resistant. 2,668,780, Feb. 9.
- Panken, Albert. Re. 23,874, Cl. 219—35.
- Pankonin, Willard F., $\frac{1}{2}$ to C. Wankat, $\frac{1}{2}$ to R. J. Newman, and $\frac{1}{2}$ to F. W. Anderson. 2,695,181, Cl. 280—444.
- Pankonin, William G. 2,673,978, Cl. 1—3.
- Pankove, Jacques I.: *See*—
Pantchechnikoff, Jacques I.
- Pantchechnikoff, Jacques I. 2,675,433.
- Pankratz, Howard J., to Phillips Petroleum Co. 2,697,984, Cl. 103—22.
- Panoramic Laboratories, assignee: *See*—
Wallace, Marcel.
- Wallace, Marcel. 2,676,314.
- Panosian, James S., assignor to Graflex, Inc. 2,676,901, Cl. 154—118.
- Pantano, Andrew J.: *See*—
Gattuso, Salvatore E. 2,695,744.
- Pantchechnikoff, Jacques I., now by change of name Jacques I. Pankove, Princeton, N. J., assignor to Radio Corporation of America. Semiconductor photoconducting device. 2,669,663, Feb. 16.
- Pantchechnikoff, Jacques I., now by change of name J. I. Pankove, assignor to Radio Corporation of America. 2,675,433, Cl. 179—171.
- Panzerbieter, Hans, to Siemens & Halske Aktiengesellschaft. 2,691,699, Cl. 179—18.
- Paolini, Anthony D.: *See*—
Paolini, William J., T. W., and A. D. 2,677,206.
- Paolini, Thomas W.: *See*—
Paolini, William J., T. W., and A. D. 2,677,206.

- Paolini, William J., T. W., and A. D. 2,677,206, Cl. 40—125.
- Papa, Domenick : *See—*
 Kilingsberg, Erwin, and Papa. 2,676,969.
 Schwenk, Erwin, and Papa. 2,681,363.
 Sperber, Nathan, Papa, and Schwenk. 2,676,964.
- Papa, Domenick, Brooklyn, N. Y., and E. Schwenk, Montclair, assignors, by mesne assignments, to Schering International Research Institute, Bloomfield, N. J. Alpha-substituted, hydroxy ha'ogen-substituted cinnamic acids and nontoxic salts. 2,671,802, Mar. 9.
- Papadakos, Peter J., Brooklyn, assignor to Gyrodyne Company of America, Inc., New York, N. Y. Aircraft with rotary and fixed wings. 2,665,859, Jan. 12.
- Papanek, Andrew P., and N. McCartney, Jr., to Jack & Heintz, Inc. 2,687,249, Cl. 230—271.
- Paper Novelty Manufacturing Company, assignee : *See—*
 Pettorossi, Joseph.
- Paper Patents Co. : *See—*
 Burger, William H., and Wheelhouse. 2,689,985.
 Craig, Kenneth A., and Roux De Wet. 2,697,384.
 Grangaard, Donald H.
 Lee, Charles A. 2,684,690.
- Paper Strap Inc. : *See—*
 Cray, Jay D. 2,682,990.
- Papesch, Viktor, Morton Grove, assignor to G. D. Searle & Co., Chicago, Ill. 3-alkenylxanthines and their lower 1-alkyl derivatives. 2,673,848, Mar. 30.
- Papooservice Corp. : *See—*
 Boyd, Edmund H. 2,695,654.
- Papp, Arthur L. 2,682,869, Cl. 128—87.
- Pappas, Costas E., to Republic Aviation Corp. 2,681,192, Cl. 244—135.
- Pappas, George C. 2,682,310, Cl. 169—26.
- Pappas, George F. : *See—*
 Jennings, James M., and Pappas. 2,687,986.
- Pappas, Peter. 2,676,585, Cl. 126—378.
- Pappenfus, Ernest W., and R. L. Craiglow, assignors to Collins Radio Company. 2,678,966, Cl. 178—69.5.
- Papworth, Walter A. 2,695,522, Cl. 74—52.
- Paquet, Maxime. 2,689,163, Cl. 8—94.25.
- Paquet, Pierre N. 2,695,512, Cl. 72—41.
- Paquette, Frank. 2,681,459, Cl. 9—18.
- Paquin, Joseph N., assignor to The Weatherhead Company. 2,675,250, Cl. 284—10.
- Paquin, Joseph N. 2,686,066, Cl. 285—84.
- Paradise, Francis C. : *See—*
 Luna, Jose L., and Paradise. 2,690,321.
- Paradise, Louis A., to Deere & Co. 2,688,284, Cl. 100—45.
- Paragon Electric Co. : *See—*
 Morrison, David. 2,688,366.
 Morrison, David. 2,690,526.
 Morrison, David, and Senn. 2,686,862.
- Paragon Gear Works, Inc. : *See—*
 Seavey, Robert W. 2,694,367.
- Parallel Plastics Co. : *See—*
 Meyer, Leonard S. 2,689,559.
 Meyer, Leonard S. 2,694,661.
- Paramount Textile Machinery Co. : *See—*
 Richter, Henry. 2,689,071.
 Richter, Henry, and Campbell. 2,684,547.
 Richter, William. 2,688,904.
- Paramythioti, Jean M., assignor to Societe Anonyme des Anciens Etablissements Albaret. 2,674,165, Cl. 94—48.
- Parcé, Léon J., and P. F. Vergès, to Societe Anonyme de Telecommunications. 2,695,038, Cl. 138—50.
- Parcell, Russell W. : *See—*
 Davies, Robert H., and Parcell. 2,677,475.
- Parco Products Co. : *See—*
 Parrott, Clarence F. 2,692,799.
- Pardee, Edward A., and T. R. Baxter, to Continental Can Co., Inc. 2,695,423, Cl. 18—19.
- Pardee, Richard H., and R. J. Strawn, Jr., La Junta, Colo. Liquid fuel burner. 2,667,919, Feb. 2.
- Pardo, Edward E. 2,696,231, Cl. 144—32.
- Parechoc S. A., assignee : *See—*
 Vuilleumier, Marcel.
- Paredes, Marcelino. 2,686,995, Cl. 51—259.
- Parent, John W., Saratoga Springs, N. Y. Vehicle brake, clutch, and gas control. 2,664,979, Jan. 5.
- Parentani, Fernand : *See—*
 Meurice, Charles, and Parentani. 2,691,598.
- Parfentjev, Ivan A. 2,694,666, Cl. 167—75.
- Parfett, Frank, to Universal Postal Frankers Ltd. 2,695,560, Cl. 101—227.
- Parigian, Albert A., to Modern Collet & Machine Co. 2,689,740, Cl. 279—46.
- Paris, François G. : *See—*
 Bertin, Jean H., and Paris.
 Paris, Robert E., to International Business Machines Corp. 2,695,558, Cl. 101—93.
- Park, Arthur L., to Saco-Lowell Shops. 2,696,653, Cl. 28—28.
- Park, Glenn S. : *See—*
 Anthony, William C., and Park. 2,684,631.
- Park, Glenn S., to Anthony Co. 2,684,770, Cl. 214—77.
- Park, Glenn S., to Anthony Co. 2,689,764, Cl. 296—28.
- Park, Joseph D. : *See—*
 Gottlieb, Hans B., and Park.
- Park, Joseph K., and M. R. Powers, to The Clemson Agricultural College of South Carolina. Re. 23,886, Cl. 55—139.
- Parke, Davis & Co. : *See—*
 Burckhalter, Joseph H. 2,681,910.
 Crooks, Harry M., Jr. 2,692,896.
 Jacob, Robert M. 2,677,704.
 Jacob, Robert M., and Robert. 2,694,071.
 Jones, Eldon M. 2,684,364.
 Long, Loren M. 2,687,434.
 Long, Loren M., and Moersch. 2,681,364.
 Moersch, George W. 2,692,897.
 Moore, Allen C., and Moersch. 2,686,788.
 Slack, Ronald, Ashley, and Berg. 2,686,787.
 Slack, Ronald, Ashley, and Berg. 2,686,802.
 Snell, Esmond E., Wittle, and Moore. 2,680,767.
 Snell, Esmond E., Wittle, and Moore. 2,680,768.
- Parke, Donald C., and R. E. Sealer. 2,692,932, Cl. 200—172.
- Parker, Allen J., and L. M. Murray. 2,694,399, Cl. 131—170.
- Parker Appliance Co., The : *See—*
 Badger, Everett H., Jr. 2,679,407.
 Bashark, Nicholas. 2,691,537.
 Boosman, Frank C. 2,685,296.
 Margrave, Wilton. 2,697,620.
- Parker, Bruce L., assignee : *See—*
 Anderson, Carl A.
- Parker, Charles A., assignor to Rainey Accounting Machine Company, Inc. 2,677,498, Cl. 235—60.
- Parker, Charles A., and C. K. Rainey, to Burroughs Corp. 2,696,945, Cl. 235—60.12.
- Parker, Charles, Company, The, assignee : *See—*
 Eisenheimer, Charles W.
- Parker, Charles S., and R. M. Shirk, assignors to Houdry Process Corporation. 2,678,874, Cl. 23—288.
- Parker, Clarence E., assignor to The Coe Manufacturing Company, Painesville, Ohio. Sheet handling apparatus. 2,667,259, Jan. 26.
- Parker, Dean A., Richmond, Mich. Trailer drawbar. 2,667,282, Jan. 26.
- Parker, Desmond F. : *See—*
 Castanoli, Alder F., and Parker.
- Parker, Earl E., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Bodying catalysts for drying oils. 2,669,573, Feb. 16.
- Parker, Earl E., assignor to Pittsburgh Plate Glass Company. 2,676,947, Cl. 260—45.95.
- Parker, Earl E., to Pittsburgh Plate Glass Co. 2,698,312, Cl. 260—45.4.
- Parker, Edwin D., to Parker Sweeper Co. 2,689,367, Cl. 15—49.
- Parker, Edwin D., and E. E. Stelzer, to Parker Sweeper Co. 2,687,893, Cl. 280—36.
- Parker, Floyd W. : *See—*
 Muskat, Morris, Parker, and Kehl. 2,684,030.
- Parker, George E., assignor to Woodward Governor Company, Rockford, Ill. Condition regulating apparatus. 2,669,973, Feb. 23.
- Parker, Henry W. 2,697,280, Cl. 33—61.
- Parker, Humphrey F. : *See—*
 Robins, Erford E., and Parker.
 Robins, Erford E., and Parker. 2,681,204.
- Parker, Humphrey F., to Columbus McKinnon Chain Corp. 2,695,086, Cl. 192—02.
- Parker, John J., and L. T. Morawski. 2,678,824, Cl. 279—1.
- Parker, John J., and L. T. Morawski. 2,681,805, Cl. 279—1.
- Parker, John M., to Pan American World Airways, Inc. 2,688,504, Cl. 287—20.5.
- Parker, John W., Mount Vernon, N. Y. Computer board. 2,666,577, Jan. 19.
- Parker, John W. 2,676,276, Cl. 310—41.
- Parker, John W. 2,677,923, Cl. 51—231.
- Parker, Lawrence M. 2,691,544, Cl. 292—254.
- Parker, Leland C. : *See—*
 McHenry, Harland L., and Parker.
 McHenry, Harland L., and Parker. 2,691,739.
- Parker, Leland C., Elmira, N. Y., assignor to Bendix Aviation Corporation. Reciprocatory electromagnetic pump. 2,669,186, Feb. 16.
- Parker, Leland C., assignor to Bendix Aviation Corporation. 2,677,239, Cl. 60—54.6.
- Parker, Leon, to The H. I. Thompson Co. 2,686,954, Cl. 28—75.
- Parkin, Leslie, to United-Carr Fastener Corp. 2,697,259, Cl. 24—73.
- Parker, Louis W. 2,677,724, Cl. 178—5.8.
- Parker, Louis W. 2,679,550, Cl. 178—7.5.
- Parker, Louis W. 2,696,521, Cl. 178—5.6.
- Parker Mfg. Co. : *See—*
 Furman, Louis J. 2,676,630.
 Priest, Dwight E. 2,689,131.
- Parker, Matthew, and R. A. Harris, assignors to The Forge-Machinery Company Limited. 2,675,230, Cl. 271—2.6.
- Parker, Paul T., to Standard Oil Development Co. 2,695,315, Cl. 260—604.
- Parker Pen Co., The : *See—*
 Randolph, Robert W. 2,690,163.
 Rickmeyer, Ernst W.
 Rickmeyer, Ernst W. 2,684,052.
 Wittnebert, Frederick R.
 Zodtner, Harlan H., and Mustard. 2,681,041.

- Parker, Robert P., and W. B. Wright, Jr., to American Cyanamid Co. 2,690,443, Cl. 260—306.7.
- Parker, Richard L., to Northrop Aircraft, Inc. 2,682,771, Cl. 73.
- Parker Rust Proof Co.: See—
Amundsen, Paul L., and Osip.
Bell, Ernest P. 2,692,840.
Gibson, Robert C.
Overath, Wilhelm A., Kallenbach, and Fleischhauer.
- Parker Sweeper Co.: See—
Parker, Edwin D. 2,689,367.
Parker, Edwin D., and Stelzer. 2,687,893.
- Parker, Thomas M., Evanston, Ill. Spinal massage apparatus. 2,664,882, Jan. 5.
- Parker, Warde L.: See—
Northrop, John K., Parker, and Feeney. 2,678,176.
- Parker, Warde L., assignor to Northrop Aircraft, Inc. 2,675,679, Cl. 60—97.
- Parker, Wayne, Pierre, S. Dak. Gun skid. 2,664,659, Jan. 5.
- Parker, William D.: See—
Greaves, Charles D., and Parker. 2,674,763.
- Parker, William R., to Tal Bender, Inc. 2,695,538, Cl. 81—15.
- Parkerton, Howard F. 2,693,071, Cl. 56—41.
- Parkes, Ralph C., Glenside, Pa. Insulated pole. 2,665,502, Jan. 12.
- Parkes, Ralph C. 2,691,202, Cl. 26—1.
- Parkins, Wright A.: See—
Hasbrouck, Augustus, and Parkins. 2,685,166.
- Parkinson, David B.: See—
Och, Henry G., and Parkinson.
- Parkinson, Leland J., and C. H. Snyder, to General Electric Co. 2,690,488, Cl. 201—48.
- Parkinson, Morris D., Rexburg, Idaho. Tractor cab with closure curtains. 2,665,751, Jan. 12.
- Parks, Asbury S., Houston, Tex. Separator. 2,665,565, Jan. 12.
- Parks, Asbury S., Houston, Tex. Fluid motor valve. 2,665,711, Jan. 12.
- Parks, Asbury S., assignor to J. E. Edwards, Houston, Tex. Dump valve. 2,670,006, Feb. 23.
- Parks, Cary F., Birmingham, Ala. Pleasure smoking pipe. 2,667,175, Jan. 26.
- Parks-Cramer Co.: See—
Holtzclaw, Grover B. 2,695,039.
- Parks, Joseph W. 2,697,494, Cl. 188—32.
- Parks, Richard B.: See—
Overcash, Dwight M., and Parks. 2,696,467.
- Parks, Walter J., Aurora, Ohio. Making bearing mountings. 2,667,689, Feb. 2.
- Parks, Willis J., Richmond, Calif., assignor to Owens-Illinois Glass Company. Packaging commodities. 2,667,421, Jan. 26.
- Parlin, David B., to Bigelow-Sanford Carpet Co., Inc. 2,685,894, Cl. 139—39.
- Parmelee, Clifford H.: See—
Haswell, Walter T., and Parmelee. 2,679,386.
- Parmelee Plastics Co.: See—
Moeller, William C. 2,691,799.
- Parmenter, Raymond O.: See—
Guttridge, Eric J., and Parmenter. 2,692,729.
- Parmentier, Guy C. M., Vaucresson, France. Fluid tight packing for gates. 2,664,712, Jan. 5.
- Parmentier, Robert R. 2,681,895, Cl. 260—33.6.
- Parnell, Norman E., to E. I. du Pont de Nemours and Co. 2,697,040, Cl. 95—7.
- Parnet, Arsène, Paris, France. Indexing device. 2,664,641, Jan. 5.
- Parr, Bernard F., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Toaster apparatus. 2,667,116, Jan. 26.
- Parr, Bernard F., assignor to Westinghouse Electric Corporation. 2,680,312, Cl. 38—77.
- Parrett, Dent, assignor, by mesne assignments, to Lambert Brake Corporation. 2,679,769, Cl. 74—710.5.
- Parrett, William S. 2,685,939, Cl. 183—62.
- Parrish, Dennis B., Clover, S. C. Pneumatic lint collection apparatus for textile machines. 2,669,744, Feb. 23.
- Parrish, Norman C.: See—
Hodgson, Richard W., and Parrish. 2,676,674.
- Parrish, Tom E. 2,678,563, Cl. 73—425.4.
- Parrish, Walter A., to Research Engineering Corp. 2,687,709, Cl. 123—41.79.
- Parrish, William F., Sr.: See—
Parrish, William F., Jr., and W. F. Parrish, Sr. 2,686,422.
- Parrish, William F., Jr., and W. F. Parrish, Sr., to Ten Point Trim Corp. 2,686,422, Cl. 72—98.
- Parrott, Clarence F., to Parco Products Co. 2,692,799, Cl. 299—97.
- Parrott, Harold S., Big Spring, Tex. Demountable safety wheel. 2,670,994, Mar. 2.
- Parrott, Robert D.: See—
Hallden, Frederick G., Ridings, Zabriskie, and Parrott.
- Parry, Frank, assignor to The Singer Manufacturing Company. 2,678,619, Cl. 112—178.
- Parry, Frank, to The Singer Mfg. Co. 2,681,629, Cl. 112—260.
- Parry, Frank, to The Singer Mfg. Co. 2,695,581, Cl. 112—258.
- Parry, Ralph E., assignor to General Electric Company. 2,677,144, Cl. 15—402.
- Parry, Vernon F., Golden, Colo., assignor to the United States of America as represented by the Secretary of the Interior. Drying solids in a fluidized bed. 2,666,269, Jan. 19.
- Parry, William A., Manchester, assignor to The Fuller Brush Company, Hartford, Conn. Brush element with fibers held in channel member and making same. 2,668,311, Feb. 9.
- Parsons, Arthur H.: See—
Miller, Roy L., and Parsons. 2,690,267.
- Parsons, Ben G., to Fuelcharger Corp. 2,687,123, Cl. 123—140.
- Parsons, C. A., & Company Limited, assignee: See—
Bowden, Andrew T. 2,674,849.
- Parsons Co., The: See—
Vaughn, George A. 2,686,981.
- Parsons, Critchell, assignor to The Engineering Development Company, Incorporated. 2,675,212, Cl. 255—4.
- Parsons, Curtis H., and R. J. Perme, assignors to Fansteel Metallurgical Corporation. 2,676,843, Cl. 299—86.
- Parsons, Curtis H., and R. J. Perme, to Fansteel Metallurgical Corp. 2,691,144, Cl. 339—147.
- Parsons, Frederick L. 2,695,819, Cl. 305—8.
- Parsons, George B.: See—
Gassner, Alfred A., and Parsons. 2,685,845.
- Parsons, George B., H. G. Anderson, and J. MacVeigh; said Parsons and said Anderson to ACF Industries, Inc., and said MacVeigh to Patentes Talgo, S. A. 2,697,990, Cl. 105—397.
- Parsons, Herbert L., New Brunswick, N. J. Container holder. 2,669,409, Feb. 16.
- Parsons, Hubert J., to Hardinge Brothers, Inc. 2,686,449, Cl. 82—31.
- Parsons, James R., assignor to General Electric Company. 2,679,295, Cl. 170—135.4.
- Parsons, John B., Maumee, Ohio. Combined regulator system for selective operation of vehicle tops, windows, and other parts. 2,667,380, Jan. 26.
- Parsons, John B. 2,676,571, Cl. 121—40.
- Parsons, John B. 2,677,524, Cl. 251—139.
- Parsons, John B. 2,679,763, Cl. 74—364.
- Parsons, John B. 2,695,340, Cl. 200—6.
- Parsons, John R.: See—
Diamond, Hymen, and Parsons. 2,689,323.
- Parsons, John R., to Westinghouse Electric Corp. 2,683,851, Cl. 321—7.
- Parsons, John W.: See—
Malina, Frank J., and Parsons. 2,693,077.
- Parsons and Marine Engineering Turbine Research and Development Association, The: See—
Cameron, Alastair. 2,690,936.
- Parsons, Murray E., Sun Valley, assignor to Mitchell Camera Corporation, Glendale, Calif. Loop replenisher for motion-picture machines. 2,670,653, Mar. 2.
- Parsons, Wharton A.: See—
Boyden, Robert E., Clary, Eakin, Glennie, Mark, and Parsons. 2,677,499.
- Boyden, Robert E., Kuhne, and Parsons. 2,682,994.
- Partansky, Alexander M., to The Dow Chemical Co. 2,688,642, Cl. 260—654.
- Partin, Melvin E.: See—
Creamer, Edgar M., Jr., and Partin.
- Partridge, John H.: See—
Busby, Terence S., Manners, and Partridge. 2,675,323.
Busby, Terence S., and Partridge. 2,675,324.
- Parulski, Joseph P. 2,695,152, Cl. 248—314.
- Pasanen, Roy W. 2,693,691, Cl. 70—58.
- Pasanen, Toivo C. 2,681,072, Cl. 137—150.
- Pascale, Peter P. 2,690,969, Cl. 99—4.
- Paschal, Guy. 2,694,396, Cl. 128—67.
- Pascoe, George, and O. E. Rugg, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Glass rolling apparatus. 2,673,168, Mar. 23.
- Pascoe, Walter R.: See—
Seymour, Raymond B., and Pascoe. 2,675,365.
- Pascucci, Emilio, to Corning Glass Works. 2,686,255, Cl. 240—103.
- Pasculle, Maurice J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Auxiliary commutating-field. 2,666,882, Jan. 19.
- Pasculle, Maurice J., to Westinghouse Electric Corp. 2,693,564, Cl. 318—351.
- Pasedach, Heinrich, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,694,736, Cl. 260—613.
- Pasero, Joseph: See—
Snelson, Howard J. 2,691,282.
- Pashley, Arthur E.: See—
Boyd, Winnett, and Pashley. 2,674,844.
- Pasin, Mario A., assignor to Radio Steel & Mfg. Co. 2,676,054, Cl. 296—32.
- Paslay, Le Roy C.: See—
Poole, Foster M., and Paslay.
- Pasquale, John, assignor to Liberty Machine Company, Inc. 2,675,852, Cl. 154—1.
- Pasquetti, Carlo. 2,676,355, Cl. 18—12.
- Pasquinelli, Bruno B.: See—
Peyrebrune, Henri E., and Pasquinelli. 2,684,241.
- Pasquinelli, Bruno B., to Miehle Printing Press & Mfg. Co. 2,694,363, Cl. 101—409.
- Pass, Israel: See—
Huck, Alfred J., and Pass. 2,694,769.

- Pass & Seymour, Inc.: *See—*
 Despard, Victor R.
 Despard, Victor R. 2,687,517.
 Despard, Victor R. 2,697,142.
 Despard, Victor R. 2,697,143.
- Passal, Frank, to United Chromium, Inc. 2,684,327, Cl. 204—49.
- Passing, Heinrich, R. Bauer, and D. Delfs, to Farbenfabriken Bayer Aktiengesellschaft. 2,692,867, Cl. 260—2,2.
- Passino, Herbert J.: *See—*
 Dittman, Albert L., Passino, and Wrightson. 2,689,241.
 Mantell, Russell M., and Passino. 2,697,026.
 Mantell, Russell M., Passino, and Teeters. 2,684,987.
- Passino, Herbert J., assignor to The M. W. Kellogg Company. 2,675,301, Cl. 23—190.
- Passino, Herbert J., Engelwood, N. J., and G. G. Lauer, assignors, by mesne assignments, to Metal and Thermit Corporation, New York, N. Y. Production of organo-tin compounds. 2,665,286, Jan. 5.
- Passino, Herbert J., Englewood, W. O. Teeters, River Edge, and R. M. Mantell, Orange, assignors to The M. W. Kellogg Company, Jersey City, N. J. Manufacture of halocarbons. 2,670,389, Feb. 23.
- Passino, Herbert J., and L. C. Rubin, to The M. W. Kellogg Co. 2,686,194, Cl. 260—448,2.
- Passman, Harry M., to Collins Radio Co. 2,690,682, Cl. 74—441.
- Passmore, Charles R., to Thorn Electrical Industries Ltd. 2,683,241, Cl. 315—97.
- Passmore, Robert S. 2,687,040, Cl. 73—88.
- Pasternack, Richard, to Chas. Pfizer & Co., Inc. 2,698,323, Cl. 260—239,1.
- Pasteur, Louis, Versailles, France. Atomizing apparatus, particularly for arboriculture and agriculture. 2,668,082, Feb. 2.
- Pastor, Aldo F.: *See—*
 Mir, Antonio J. and E. J., and A. F. and G. F. Pastor. 2,687,640.
- Pastor, Giraldo F.: *See—*
 Mir, Antonio J. and E. J., and A. F. and G. F. Pastor. 2,687,640.
- Pasturczak, Harry S., East Moline, Ill. Locking collar for instrument mountings. 2,667,321, Jan. 26.
- Pasturczak, Harry S., East Moline, Ill. Instrument mounting and an element thereof. 2,673,702, Mar. 30.
- Pastushin Aviation Corp.: *See—*
 Demarest, Charles W. 2,696,184.
- Pasveer, Aale, to Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek. 2,684,941, Cl. 210—8.
- Pataki, John: *See—*
 Djerassi, Carl, Rosenkranz, Kaufmann, Pataki, and Romo.
 Rosenkranz, George, Kaufmann, and Pataki.
- Patch, Arthur C., Encino, and E. L. Wallenhorst, Torrance, Calif., assignors to North American Aviation, Inc. Canopy actuating assembly. 2,673,050, Mar. 23.
- Patch, Clara L., assignee: *See—*
 Patch, Orin G.
- Patch, Clarence E.: *See—*
 Wilcox, Isaac L., Barnes, Patch, and Spurr. 2,692,463.
- Patch, Orin G., Wenatchee, Wash., assignor, by decree of distribution, to C. L. Patch. Apparatus for metering entrained air or gas by pressure observations. 2,668,437, Feb. 9.
- Patchett, Leslie L. 2,685,454, Cl. 280—461.
- Patchett, Richard V. *See—*
 Massey, Kenneth, and Patchett.
- Pate, Robert L., assignor to The McNally-Pittsburg Manufacturing Corporation, Pittsburg, Kans. Wash box hutch draw-off. 2,666,525, Jan. 19.
- "Patelhold" Patentverwertungs- & Elektro-Holding A.-G., assignee: *See—*
 Leng, Leopold.
- Pateman, Arthur: *See—*
 Brumhill, Claude W., and Pateman.
- Patent Developers, Inc., assignee: *See—*
 Myers, Albert F.
- Patent Development Company, assignee: *See—*
 McIntyre, Brouwer D. 2,697,496.
- Patent Development Corp.: *See—*
 Stewart, Merritt G., and Macomic. 2,686,680.
- Patent License Corp.: *See—*
 Zimmerman, Edward C. 2,688,072.
- Patent and Licensing Corporation, The, assignee: *See—*
 Dill, Charles E. 2,675,325.
 Lyons, Richard T.
 MacDonald, Chester R. 2,694,963.
 Weeks, Clarence C. 2,692,861.
- Patent-Treuhand-Gesellschaft für elektrische Glühlampen m. b. H.: *See—*
 Neunhoeffer, Otto, and Schulz. 2,697,183.
- Patentes Talgo, S. A.: *See—*
 MacVeigh, James. 2,687,099.
 Parsons, George B., Anderson, and MacVeigh. 2,697,990.
- Paterno, Fondazione E.: *See—*
 Bucci, Felice.
- Paterson, Rex M., Cliddesden, Basingstoke, England. Sweep or like attachment for tractors. 2,670,089, Feb. 23.
- Paterson, Robert C.: *See—*
 Vetterli, Gran F., and Paterson. 2,675,979.
- Patience, Edwin S., Hempstead, and W. R. Patience, Franklin Square, N. Y. Dog harness. 2,670,712, Mar. 2.
- Patience, Warren R.: *See—*
 Patience, Edwin S. and W. R.
- Patla, Louis J. 2,682,645, Cl. 336—142.
- Patla, Louis J. 2,698,372, Cl. 201—67.
- Patmore, De Forest C.: *See—*
 Lancaster, Arthur W., and Patmore. 2,674,074.
- Paton, Clyde R. 2,674,329, Cl. 180—64.
- Patouillet, Constance E.: *See—*
 Leonard, John M., and Patouillet. 2,684,303.
- Patremio, Martin, to The Amloid Co. 2,686,387, Cl. 46—100.
- Patriarche, Pierre: *See—*
 Danzin, Andre, Despois, and Patriarche. 2,684,777.
- Patriceu, Charles, Seattle, Wash. Scissor mechanism. 2,671,266, Mar. 9.
- Patrick, James D.: *See—*
 Jernstedt, George W., and Patrick. 2,678,909.
- Patrick, John F.: *See—*
 Gilfillan, Henry W., and Patrick. 2,695,695.
- Patrick, Malcom W.: *See—*
 Schultz, Wilbur A., and Patrick. 2,680,478.
- Patrick, Tracy M., Jr.: *See—*
 Emerson, William S., and Patrick.
- Patrick, Tracy M., Jr., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Polycarboxylates. 2,665,304, Jan. 5.
- Patrick, Tracy M., Jr., assignor to Monsanto Chemical Company. 2,676,981, Cl. 260—491.
- Patrick, Tracy M., Jr., to Monsanto Chemical Co. 2,683,749, Cl. 260—615.
- Patrick, Tracy M., Jr., to Monsanto Chemical Co. 2,684,373, Cl. 260—340,7.
- Patrick, Tracy M., Jr., and W. S. Emerson, to Monsanto Chemical Co. 2,692,883, Cl. 260—329.
- Patrickson, John B., and F. L. Hamilton, to A. Reyrolle & Co. Ltd. 2,696,573, Cl. 317—28.
- Patriquin, William G., assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,673,731, Mar. 30.
- Patrol Valve Co., The: *See—*
 Larkin, Robert B., Jr. 2,692,113.
- Patten, Ray I. 2,683,532, Cl. 209—294.
- Patten, Walter E. 2,686,941, Cl. 20—16.
- Patten, Wilbert H., Trenton, N. J. Nonsiphoning ball cock. 2,664,913, Jan. 5.
- Patten, Wilbert H. 2,679,271, Cl. 144—136.
- Patterson, C. J., Co.: *See—*
 Kimball, Charles N., and Lewis.
 Selman, Roland W., and Marnett. 2,684,904.
- Patterson, Charles H., Shelton, Wash. Weaner. 2,669,967, Feb. 23.
- Patterson, Edgar W., Downey, Calif. Frangible piston ring. Re. 23,782, Feb. 16.
- Patterson, Edgar W., Downey, Calif. Piston lubricating means. 2,665,774, Jan. 12.
- Patterson, Edgar W., Downey, Calif. Lubricating system for units operated by compressed air. 2,665,901, Jan. 12.
- Patterson, Edgar W., Downey, Calif. Pneumatic time compensator. 2,671,356, Mar. 9.
- Patterson, Edie J., assignor of $\frac{1}{2}$ to E. Garvey. 2,675,748, Cl. 97—10.
- Patterson, Edward: *See—*
 Fillery, Gordon T., and Patterson. 2,693,002.
- Patterson, Esther B., Minneapolis, Minn. Making prepared dessert. 2,672,422, Mar. 16.
- Patterson, Frederick L., to Patterson-Shepard, Inc. 2,691,293, Cl. 72—71.
- Patterson, George H., and W. J. Balon, assignors to E. I. du Pont de Nemours & Company. 2,676,170, Cl. 260—124.
- Patterson, Herman W. 2,683,896, Cl. 18—14.
- Patterson, Herman W. 2,683,897, Cl. 18—14.
- Patterson, Hugh T., and I. D. Webb, to E. I. du Pont de Nemours & Co. 2,691,640, Cl. 260—41.
- Patterson, John W., Jr. 2,685,692, Cl. 2—183.
- Patterson, Joseph M.: *See—*
 Matteson, Franklyn C., and Patterson. 2,674,494.
- Patterson-Kelly Co., Inc., The, assignee: *See—*
 Fischer, John J., and Petry. 2,677,534.
- Patterson, Le Roy R., Jr., Erie, Pa., assignor to General Electric Company. Cascade system for defrost moisture evaporation. 2,671,320, Mar. 9.
- Patterson, Ned T.: *See—*
 Francis, Gerald C., and Patterson. 2,694,263.
- Patterson, Roy I., Robbinsdale, Minn., assignor to Minot Builders Supply Co., Inc. Jack for elevating forms and floor structures employed in pouring concrete. 2,673,065, Mar. 23.
- Patterson, Roy I., and H. W. Foss, Minneapolis, Minn., assignors to Minot Builders Supply Co., Inc. Apparatus for elevating concrete forms. 2,673,064, Mar. 23.
- Patterson-Shepard, Inc.: *See—*
 Patterson, Frederick L. 2,691,293.
- Patterson, Thomas G., Graham, Tex. Well bridge. 2,672,200, Mar. 16.
- Patterson, V. C., & Associates, Inc.: *See—*
 Ruff, Alonzo W. 2,696,085.
- Patterson, Velt C., assignor to Freezing Equipment Sales, Inc. 2,679,323, Cl. 214—16.

- Patterson, William, Merion, Pa. Door fastener. 2,665,935, Jan. 12.
- Patterson, William J., and J. Weissenstein, to Swift & Co. 2,695,418, Cl. 17—41.
- Patterson, William R., Lomita, Calif. Smoking pipe. 2,672,873, Mar. 23.
- Patterson, William S., and G. E. Ducharme, to Chelsea Carton Co. 2,697,541, Cl. 226—14.
- Patterson, Woodrow W. 2,674,737, Cl. 1—49.8.
- Pattnam, William C. 2,676,398, Cl. 30—60.5.
- Pattillo, Milton E. 2,682,724, Cl. 41—10.
- Pattilloch, Donald K., to Talbott Development Associates. 2,694,633, Cl. 92—21.
- Pattinson, Charles B., Jr.: *See*—
- Brandes, Oliver L., and Pattinson. 2,675,357.
- Brandes, Oliver L., and Pattinson. 2,678,920.
- Pattinson, John R.: *See*—
- Benschmidt, Newton H., and Pattinson. 2,685,783.
- Pattison, Donald R., and A. H. Phillips, to Minneapolis-Honeywell Regulator Co. 2,694,780, Cl. 307—57.
- Pattison, Ernest C.: *See*—
- Porter, Jesse H., and Pattison. 2,694,599.
- Patton, Edward A., to Curtis Co. Inc. 2,682,083, Cl. 18—55.
- Patton, Francis M., Jr., to American Enka Corp. 2,681,908, Cl. 260—233.
- Patton, John W., and C. W. Holland, Jr., assignors to American Car and Foundry Company. 2,676,333, Cl. 5—9.
- Patton, John W., and C. W. Holland, Jr., assignors to American Car and Foundry Company. 2,676,334, Cl. 5—9.
- Patton-MacGuyer Co.: *See*—
- Patton, Ralph C. 2,697,213.
- Patton, Ralph C., to Patton-MacGuyer Co. 2,697,213, Cl. 339—276.
- Patton, Walter V.: *See*—
- Craven, Robert L., and Patton. 2,694,016.
- Patts, Nicholas J. 2,679,146, Cl. 62—129.
- Paueck, Andrew J., to Burndy Engineering Co., Inc. 2,683,095, Cl. 117—18.
- Paul, Alex, Elmwood Park, assignor to Radio Steel & Mfg. Co., Chicago, Ill. Sheet feeding mechanism. 2,672,835, Mar. 23.
- Paul, David H.: *See*—
- Bailey, Christopher E. G., and Paul. 2,691,095.
- Paul, Frederick J., to Huntley Mfg. Co. 2,683,533, Cl. 209—388.
- Paul, Henry: *See*—
- Zimberoff, Manuel, Leavitt, and Paul. 2,697,392.
- Paul, Herman L., Jr., New Rochelle, N. Y., assignor to Paul Valve Corporation, Essex Fells, N. J. Ball valve. 2,666,617, Jan. 19.
- Paul, Richard, Inc.: *See*—
- Paul, Walter J. 2,687,528.
- Paul, Talbert W., assignor to Deere & Company, Moline, Ill. Crop-handling machine and drive mechanism therefor. 2,665,631, Jan. 12.
- Paul Valve Corporation, assignee: *See*—
- Paul, Herman L., Jr.
- Paul, Walter J., to Richard Paul, Inc. 2,687,528, Cl. 2—61.
- Paul, Walter J. 2,687,583, Cl. 36—10.
- Paul, Wilhelm H., and E. F. Trenkle, assignors to Badische Uhrenfabrik G. m. b. H. 2,677,228, Cl. 58—12.
- Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Electric circuit interrupter. 2,672,541, Mar. 16.
- Pauls, Lemon B., assignor to Aircraft-Marine Products Inc., Harrisburg, Pa. Wire cutting and stripping tool. 2,668,464, Feb. 9.
- Pauley, Harold R., assignee: *See*—
- McEachran, Paul R.
- Pauley, Robert D., Tacoma, and L. A. McCanna, Spokane, assignors to Weyerhaeuser Timber Company, Longview, Wash. Apparatus for removing bark from logs. Re. 23,765, Jan. 5.
- Pauley, Robert D., Tacoma, and L. A. McCanna, Spokane, assignors to Weyerhaeuser Timber Company, Longview, Wash. Barking logs. Re. 23,776, Jan. 26.
- Pauli, Hjalmar I. 2,688,187, Cl. 30—289.
- Paulison, William L., Jr.: *See*—
- Smith, Clifford T., and Paulison.
- Paulison, William L., Jr., and W. P. Davenport, to Bailey Meter Co. 2,684,078, Cl. 137—414.
- Paulsboro Mfg. Co.: *See*—
- Jones, James R., and Erb. 2,683,094.
- Paulsen, Neal I.: *See*—
- Fischer, Paul E., and Paulsen. 2,677,220.
- Paulsen, Norman T. 2,679,762, Cl. 74—249.
- Paulsen, Paul L.: *See*—
- Robinson, John H., and Paulsen. 2,688,471.
- Paulsen, Paul L., and A. D. Emmons, to General Electric Co. 2,681,520, Cl. 38—1.
- Paulson, Arthur W., to Otis Elevator Co. 2,686,907, Cl. 340—21.
- Paulson, Bernard J. 2,694,575, Cl. 273—129.
- Paulson, Christian, assignor to Western Electric Company, Incorporated. 2,678,788, Cl. 248—162.
- Paulson, Roy: *See*—
- Du Bois, Erma M., and Paulson. 2,697,480.
- Paulucci, Jeno F. 2,679,281, Cl. 154—42.3.
- Paulus, Henry G. 2,692,394, Cl. 4—234.
- Paulus, Peter V.: *See*—
- Strange, John P., and Paulus. 2,687,342.
- Paulussen, William J. 2,694,593, Cl. 292—261.
- Paulvé, Marcel L. A. 2,681,502, Cl. 18—47.5.
- Pauly, Ludwig M. 2,676,698, Cl. 206—41.4.
- Pauson, Peter L., assignor to E. I. du Pont de Nemours and Company. 2,680,756, Cl. 260—439.
- Pautke, Hans H., Elko, Nev. Door valance board. 2,672,927, Mar. 23.
- Pavelka, Joseph, to J. Pavelka, Jr. 2,692,521, Cl. 81—53.
- Pavelka, Joseph, Jr.: *See*—
- Pavelka, Joseph. 2,692,521.
- Pavey, Larry E., and A. A. Coe. 2,677,525, Cl. 251—245.
- Pavia, Charles, New Market, Va., assignor to Pavia Process, Inc., Washington, D. C. Apparatus and method for rendering fat. 2,671,098, Mar. 2.
- Pavia, Charles, and A. J. Kramer, to Pavia Process, Inc. 2,682,427, Cl. 99—118.
- Pavia Process, Inc.: *See*—
- Pavia, Charles, and Kramer. 2,682,470.
- Pawel, Janette B.: *See*—
- Lee, Lewis V., Krause, and Pawel. 2,689,973.
- Pawel, Morton T.: *See*—
- Lee, Lewis V., Krause, and Pawel. 2,689,973.
- Pawelczak, John, San Diego, Calif. Button remover. 2,664,629, Jan. 5.
- Pawley, Leon P. 2,682,828, Cl. 99—285.
- Pawling, Frank, to Trabon Engineering Corp. 2,690,816, Cl. 184—7.
- Pawlowski, Harold I.: *See*—
- Smith, Bernard B. 2,693,275.
- Pawlyk, Peter, assignor to New Wrinkle, Inc. 2,676,918, Cl. 204—79.
- Pawlyk, Peter, to The Commonwealth Engineering Co. of Ohio. 2,685,532, Cl. 117—50.
- Pawlyk, Peter, to The Commonwealth Engineering Co. of Ohio. 2,694,377, Cl. 118—48.
- Pawlyk, Peter, to The Commonwealth Engineering Co. of Ohio. 2,694,651, Cl. 117—106.
- Paxson, Gordon D., to the United States of America as represented by the United States Atomic Energy Commission. 2,683,807, Cl. 250—27.
- Paxton, Dewey M., to A. Sullivan. 2,682,886, Cl. 137—205.
- Paxton, Homer W., and F. S. Elkins, assignors to United States Rubber Company. 2,674,547, Cl. 117—138.8.
- Paxton, Hugh C.: *See*—
- Booth, Eugene T., Jr., and Paxton.
- Payberg, Carl, and W. H. Johnston. 2,693,119, Cl. 74—594.2.
- Payne, Arthur W., to Bundy Tubing Co. 2,686,350, Cl. 29—69.
- Payne, El Roy L. 2,693,914, Cl. 236—11.
- Payne, Eric R.: *See*—
- Weaving, John H., and Payne.
- Payne, Fred A., Jr., to North American Aviation, Inc. 2,692,097, Cl. 244—102.
- Payne, George B., and K. Pfister, III, assignors to Merck & Co., Inc. 2,678,317, Cl. 260—292.
- Payne, George B., and K. Pfister, III, to Merck & Co., Inc. 2,694,067, Cl. 260—285.
- Payne, George B., and K. Pfister, III, to Merck & Co., Inc. 2,694,068, Cl. 260—285.
- Payne, John W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Separating gel particles. 2,666,524, Jan. 19.
- Payne, John W., to Socony-Vacuum Oil Co., Inc. 2,688,464, Cl. 255—1.8.
- Payne, Leslie G. M.: *See*—
- Clifford, Cecil F., and Payne. 2,691,112.
- Payne, Pearson M. 2,684,233, Cl. 261—93.
- Payne, Victor H.: *See*—
- Worden, Donald P., McDonnell, and Payne. 2,680,180.
- Payne, William M., assignor, by mesne assignments, to Speer Carbon Company. 2,675,581, Cl. 18—16.
- Payson, Peter: *See*—
- Schempp, Reinhold, Payson, and Chow. 2,686,116.
- Payson, Peter, assignor to Crucible Steel Company of America. 2,676,098, Cl. 75—128.
- Payzant, John. 2,678,222, Cl. 280—474.
- Pazandak, Louis A., assignor to Toro Manufacturing Corporation. 2,680,340, Cl. 56—26.5.
- Pazul, Terrie M.: *See*—
- Pazul, Thresa. 2,675,811.
- Pazul, Thresa, now by change of name T. M. Pazul; assignor of $\frac{1}{2}$ to R. M. Mach. 2,675,811, Cl. 132—34.
- Pcola, Andrew P. 2,691,235, Cl. 43—26.2.
- Peabody, Edwin A., assignor to P. Zaro. 2,677,961, Cl. 73—79.
- Peabody, George W., and J. S. Mitchell, to Lockheed Aircraft Corp. 2,693,637, Cl. 29—550.
- Peach, Francis G.: *See*—
- Bate, Stanley C., Peach, and Rogerson.
- Pealer, Robert B., to Beaver Pipe Tools, Inc. 2,690,915, Cl. 279—114.
- Pealer, Robert B., to Beaver Pipe Tools, Inc. 2,696,988, Cl. 279—114.
- Pearce, Alfred W., to Dowty Equipment Ltd. 2,687,330, Cl. 299—120.

- Pearce, Alfred W., and A. G. Hiseox, to Dowty Equipment Ltd. 2,690,648, Cl. 60—39-74.
- Pearce Development Co., The: *See*—
- Pearce, Lewis C. 2,684,848.
- Pearce, Lewis C. 2,691,922.
- Pearce, Frank G., and J. E. Latta, to Stanolind Oil and Gas Co. 2,695,163, Cl. 262—3.
- Pearce, Graham: *See*—
- Kerridge, Frank E., and Pearce. 2,693,023.
- Pearce, Herbert, and R. W. Homewood, to Budd & Weston (Special Machines) Ltd. 2,692,935, Cl. 219—27.
- Pearce, James G.: *See*—
- Davison, Alan, and Pearce. 2,677,768.
- Pearce, Lewis C., to The Pearce Development Co. 2,684,848, Cl. 270—57.
- Pearce, Lewis C., to Pearce Development Co. 2,691,922, Cl. 93—1.
- Pearce, Thomas H., assignor to National-Standard Company, Niles, Mich. Wire laying machine. 2,671,303, Mar. 9.
- Pearce, William B., and J. B. Luck, to Albert & J. M. Anderson Mfg. Co. 2,690,542, Cl. 339—48.
- Pearl, Irwin A., assignor to The Institute of Paper Chemistry. 2,675,404, Cl. 260—473.
- Pearl, William T.: *See*—
- Newman, Ferris E., Pearl, and Rainier.
- Pearle, Leon. 2,683,071, Cl. 346—107.
- Pearlman, Bernard: *See*—
- Burdett, Harry W., Jr., Pearlman, and Neu. 2,692,024.
- Pearman, Charles E., Littleton, Colo. Folding structure for conversion from a chair to a cot and vice versa. 2,668,578, Feb. 9.
- Pearman, Fred: *See*—
- Pearman, Lawrence and F.
- Pearman, Lawrence and F., Chula, Ga. Peanut sheller having a partial shelling cylinder. 2,672,901, Mar. 23.
- Pearsall, Howard W., Highland Park, assignor to General Motors Corporation, Detroit, Mich. Composition for removing adherent deposits from internal-combustion engines. 2,672,450, Mar. 16.
- Pearsall, Ralph E., to United Shoe Machinery Corp. 2,695,579, Cl. 112—47.
- Pearson, Alan H., to Pearson Inc. 2,681,581, Cl. 81—17.2.
- Pearson, Arald B.: *See*—
- Few, William, and Pearson. 2,692,318.
- Pearson, Ben, Incorporated, assignee: *See*—
- Bramblett, John J.
- Pearson, Carl V., to American Steel Foundries. 2,682,398, Cl. 267—9.
- Pearson, Donald L., to General Electric Co. 2,691,825, Cl. 33—125.
- Pearson, Eugene E.: *See*—
- Quereau, John F., and Pearson. 2,693,559.
- Pearson, Gerald L., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Determining electrical characteristics of semiconductive bodies. 2,669,692, Feb. 16.
- Pearson, Gustav C., to Gardner-Denver Co. 2,689,547, Cl. 121—9.
- Pearson, Herschell R., Everett, Wash. Log loading boom. 2,670,177, Feb. 23.
- Pearson Inc.: *See*—
- Pearson, Alan H. 2,681,581.
- Pearson, John H.: *See*—
- Staeger, Stephen A., and Pearson.
- Pearson, Raymond E.: *See*—
- Natland, Mauley L., and Pearson.
- Pearson, Vernon L., assignor of one-third to G. H. Jackson, Medford, Oreg. Ironing board cover fastener. 2,664,656, Jan. 5.
- Pearson, William S., assignor to Clifton Conduit Company, Inc., Baltimore, Md. Apparatus for removal of excess spelter from the interior of larger sizes of conduit or the like by means of hot purging fluid. 2,669,217, Feb. 16.
- Pearson, William S., assignor to Clifton Conduit Company, Inc. 2,676,792, Cl. 263—52.
- Pearson, William S., to Clifton Conduit Co., Inc. 2,696,446, Cl. 117—46.
- Pearson, William S., to Clifton Conduit Co., Inc. 2,696,799, Cl. 118—63.
- Pease, Benjamin F., Jr., Grafton, Mass. Nonmetallic mesh surgical insert for hernia repair. 2,671,444, Mar. 9.
- Pease, Donald C., to E. I. du Pont de Nemours and Co. 2,696,482, Cl. 260—78.
- Pease, Paul M., Pasadena, Calif., assignor of two-thirds to A. Smith, Shelton, Wash., and one-third to F. M. Pitt, San Gabriel, Calif. Locking gun holder. 2,668,645, Feb. 9.
- Pease, Russell J.: *See*—
- Ellison, John M., Moore, and Pease. 2,693,922.
- Pease, William M., to Toledo Scale Co. 2,698,407, Cl. 318—30.
- Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques: *See*—
- Gauthier, Gaston G. 2,685,563.
- Ménégoz, Charles D.
- Schmitt, Hans. 2,685,566.
- Pechukas, Alphonse, to Columbia-Southern Chemical Corp. 2,684,380, Cl. 260—456.
- Pechukas, Alphonse, to Columbia-Southern Chemical Corp. 2,692,869, Cl. 260—41.5.
- Pechukas, Alphonse, to Columbia-Southern Chemical Corp. 2,692,870, Cl. 260—41.5.
- Pechukas, Alphonse, to Columbia-Southern Chemical Corp. 2,692,871, Cl. 260—41.5.
- Pechy, William: *See*—
- Guelfroy, Walter A., and Pechy. 2,679,313.
- Huntar, Felix, and Pechy. 2,684,804.
- Winters, William P., and Pechy.
- Pechy, William, assignor to American Can Company. 2,680,550, Cl. 226—88.
- Pechy, William, to American Can Co. 2,698,122, Cl. 226—82.4.
- Peck, Albert C., and W. S. Thompson, to Food Machinery and Chemical Corp. 2,695,216, Cl. 23—163.
- Peck, Allen S.: *See*—
- Peck, Joseph A. 2,698,215.
- Peck, Joseph A., and Hultin. 2,679,756.
- Peck, Alvin W., to Phillips Petroleum Co. 2,691,358, Cl. 111—7.
- Peck, Cecil C. 2,685,629, Cl. 219—8.
- Peck, Cecil C., Company, assignee: *See*—
- Willows, Clyde H. 2,679,938.
- Peck, Clarence B., Jr., to Anaconda Wire and Cable Co. 2,689,268, Cl. 174—115.
- Peck, Clarence E., and W. Roth, to Westinghouse Electric Corp. 2,686,048, Cl. 263—20.
- Peck, Edward F. 2,694,469, Cl. 188—96.
- Peck, Henry E., $\frac{1}{2}$ to H. Schatzki, $\frac{1}{2}$ to E. Schatzki, and $\frac{1}{2}$ to L. W. Eisenwinter. 2,694,911, Cl. 66—166.
- Peck, Joseph A., Worcester, Mass., deceased: by A. S. Peck, executor, assignor to the United States of America as represented by the Secretary of the Army. Metal pop-out stabilizing tail for small bombs. 2,671,398, Mar. 9.
- Peck, Joseph A., deceased (by A. S. Peck, executor), and C. T. Hultin, assignors to the United States of America as represented by the Secretary of the Army. 2,679,756, Cl. 73—182.
- Peck, Joseph A., deceased, by A. S. Peck, executor, to the United States of America as represented by the Secretary of the Army. 2,698,215, Cl. 346—7.
- Peck, Robert L., C. E. Hoffhine, Jr., and K. Folkers, to Merck & Co., Inc. 2,691,675, Cl. 260—563.
- Peck, Theodore H.: *See*—
- McMullen, Frederick E., and Peck. 2,691,250.
- Peck, Volney A., Los Angeles, Calif., assignor to North American Aviation, Inc. Aircraft tab control mechanism. 2,668,028, Feb. 2.
- Peckert, Samuel C. 2,688,826, Cl. 51—90.
- Peckjian, Arnold J.: *See*—
- Segal, Robert H., Klion, Herbst, and Peckjian. 2,696,753.
- Peckron, Bernard, and J. L. Tedaldi, said Tedaldi assignor to said Peckron. 2,676,404, Cl. 30—261.
- Pecora, Pasquo P., assignor to Pecora's Farm Dairy, West Hazleton, Pa. Infant teething and feeding device. 2,665,693, Jan. 12.
- Pecora's Farm Dairy, assignee: *See*—
- Pecora, Pasquo P.
- Peddinghaus, Paul F.: *See*—
- Groncress, Hans W. 2,683,031.
- Peden, Douglas T., to Micromatic Hone Corp. 2,694,884, Cl. 51—184.1.
- Peden, Douglas T., to Micromatic Hone Corp. 2,694,885, Cl. 51—184.1.
- Pedersen, Axel V., Los Angeles, Calif. Wood joint. 2,672,658, Mar. 23.
- Pedersen, Charles J., to E. I. du Pont de Nemours and Co. 2,681,347, Cl. 260—314.5.
- Pedersen, Charles J., to E. I. du Pont de Nemours and Co. 2,681,918, Cl. 260—396.
- Pedersen, George. 2,679,761, Cl. 74—213.
- Pedersen, Harry C., to Clyde Engineering and Mfg. Corp. 2,690,090, Cl. 81—52.4.
- Pedersen, Holger, assignor to International Harvester Company. 2,674,066, Cl. 49—52.
- Pederson, Earl C. 2,675,438, Cl. 200—61.54.
- Pederson, Henry C., and R. L. Barnett, to The Hettrick Mfg. Co. 2,690,793, Cl. 155—159.
- Pedigo, Arthur J., Richmond, Va. Refrigerator construction having air and water vapor circulating means. 2,665,562, Jan. 12.
- Pedigo, Arthur J. 2,683,058, Cl. 299—59.
- Pedlow, George W., Jr.: *See*—
- Hoch, Paul E., Pedlow, and Sundberg. 2,696,498.
- Pedlow, George W., Jr., Easton, Pa., and C. S. Miner, Jr., Winnetka, Ill., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Hydrophobic inorganic particulate materials. 2,668,151, Feb. 2.
- Peduzzi, Reynold A. 2,698,226, Cl. 48—184.
- Peebles, David D., assignor to Western Condensing Company. 2,675,070, Cl. 159—4.
- Peebles, David D., Hillsborough, and C. P. Turner, Petaluma, assignors to Western Condensing Company, San Francisco, Calif. Centrifugal atomizer. 2,668,080, Feb. 2.
- Peek, Cecil M.: *See*—
- Taylor, Joseph E. 2,685,163.
- Peek, Joe T.: *See*—
- Taylor, Joseph E. 2,685,163.
- Peek, Leon A.: *See*—
- Taylor, Joseph E. 2,685,163.
- Peek, Margaret T.: *See*—
- Taylor, Joseph E. 2,685,163.

- Peek, Margaret V.: *See*—
Taylor, Joseph E. 2,685,163.
- Peek A-Boat Inc.: *See*—
Pollock, Hugh A. 2,694,830.
- Peel, Wirt D. 2,685,313, Cl. 146—17.
- Peelers Co., The: *See*—
Lapeyre, Fernand S., and J. M. 2,694,218.
- Peele Company, The, assignee: *See*—
Doeg, Paul R., and Croker.
- Peen Plate, Inc.: *See*—
Clayton, Erith T. Re. 23,861.
Clayton, Erith T. 2,689,808.
- Peeples, Robert M., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric motor control system utilizing bridge circuit for speed control. 2,671,193, Mar. 2.
- Peeps, Donald J., assignor to The De Vilbiss Company, Toledo, Ohio. Spray coating machine. 2,672,121, Mar. 16.
- Peeps, Donald J., assignor to The De Vilbiss Company. 2,675,778, Cl. 118—2.
- Peeps, Donald J., to The De Vilbiss Co. 2,692,655, Cl. 183—81.
- Peerless Tube Company, assignee: *See*—
Remington, Frederic, and Tartaglia.
- Peery, Luther C., R. H. McKane, and D. V. Moses, to E. I. du Pont de Nemours & Co. 2,698,227, Cl. 48—206.
- Peet, Charles S.: *See*—
Middleton, Arthur E., Reynolds, and Peet. 2,676,112.
Reynolds, Donald C., Middleton, and Peet. 2,676,111.
Peet, Lillian J. 2,692,598, Cl. 128—289.
- Peets, Wilbur J., and L. C. Marsac, assignors to The Singer Manufacturing Company. 2,678,011, Cl. 112—218.
- Peets, Wilbur J., and A. J. Matuzas, assignors to The Singer Manufacturing Company. 2,677,042, Cl. 240—214.
- Pegler, Joseph L., to Lockair Pty. Ltd. 2,689,352, Cl. 4—52.
- Pegram, William B.: *See*—
Harris, Wilbur T., Pegram, Brazee, and Hummel.
- Pehl, Walter L. 2,698,186, Cl. 280—43.
- Pehrsson, Sven J., assignor, by mesne assignments, to The Colson Corporation, Elyria, Ohio. Hydraulic lift jack. 2,669,423, Feb. 16.
- Peickil, Vasalie L.: *See*—
Roshong, Raymond G., and Peickil. 2,688,215.
- Peignen, Henri J.: *See*—
Helbert, Francis, and Peignen. 2,689,003.
- Peller, Karl E., to Embart Mfg. Co. 2,680,937, Cl. 49—14.
- Peller, Karl E., to Embart Mfg. Co. 2,681,530, Cl. 49—14.
- Peine, Robert D. 2,688,877, Cl. 73—425.2.
- Pekor Iron Works, Inc.: *See*—
Butler, Clyde A. 2,690,131.
- Pelavin, Milton: *See*—
Marchand, Nathan, and Pelavin. 2,689,161.
- Pelham, Charles L., Los Angeles, Calif. Rotary pump. 2,671,402, Mar. 9.
- Pell, Eric: *See*—
Ball, Hugh E., and Pell. 2,697,200.
Hunter, Richard B., Pell, and Schmitz.
- Pell, Eric, Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Control system for electric motors. 2,665,401, Jan. 5.
- Pell, Eric, to Cutler-Hammer, Inc. 2,697,807, Cl. 318—7.
- Pellar, Marshall M.: *See*—
Prokop, Frank J., and Pellar. 2,696,249.
- Pellarini, Luigi. 2,674,422, Cl. 244—49.
- Pellaton, Benjamin, to Etablissements Pateco. 2,697,883, Cl. 35—11.
- Pellegrin, Elmer D., to Dixie Foundry Co., Inc. 2,682,831, Cl. 99—425.
- Pellegrino, Joseph, Andover, Mass., assignor to A. W. Deller. Cooling-drying and cutting combination for macaroni machines and an improved method of making square-cut macaroni units. 2,669,195, Feb. 16.
- Pelletier, Elot J. 2,688,511, Cl. 294—59.
- Pelletier, Lawrence, North Riverside, W. J. Anderson, Elgin, Ill., and H. Fener, Hempstead, N. Y., assignors to Central Commercial Industries, Inc., Cook County, Ill. Stop switch. 2,666,822, Jan. 19.
- Pelletier, Louis G. 2,693,193, Cl. 131—182.
- Pelosi, Nicholas, to American Can Co. 2,692,699, Cl. 220—54.
- Pelphrey, Harry, to Michigan Tool Co. 2,682,100, Cl. 29—105.
- Pelphrey, Harry, to Michigan Tool Co. 2,693,020, Cl. 29—105.
- Pelton, Bruce S.: *See*—
Emms, Sydney A. G., and Pelton. 2,695,376.
- Pelton, George E., $\frac{3}{4}$ to I. S. Pelton and $\frac{1}{4}$ to M. D. Pillars. 2,695,092, Cl. 197—171.
- Pelton, Ida S.: *See*—
Pelton, George E. 2,695,092.
- Pelton, John F., Kenmore, N. Y., assignor to Union Carbide and Carbon Corporation. Automatic grinding machine. 2,665,526, Jan. 12.
- Peltz, Gordon M.: *See*—
Teague, Walter D., Peltz, and Immermann. 2,690,003.
- Peltz, Gordon M., to Bridgeport Brass Co. 2,695,766, Cl. 251—13.
- Peltz, Henry S. 2,686,055, Cl. 273—106.5.
- Peltzer, Albert, Sr., assignor to Merco Centrifugal Co., San Francisco, Calif. Centrifuge machine. 2,668,658, Feb. 9.
- Pemco Products, Inc.: *See*—
Blair, Harry E. 2,696,455.
- Penberthy, Harvey L. 2,693,498, Cl. 13—17.
- Pencil Crafts, Inc., assignee: *See*—
Wright, Gregory G.
- Pendleton, Homer R. 2,696,625, Cl. 15—72.
- Pendleton, Pyam L., Cranston, assignor of one-half to B. R. Sturges, Providence, R. I. Strand treating apparatus. 2,665,699, Jan. 12.
- Penfold, Ronald E., assignor to International Harvester Company. 2,680,534, Cl. 220—31.
- Penick, Joe E., to Socony-Vacuum Oil Co., Inc. 2,689,822, Cl. 196—50.
- Penick, S. B. & Company, Incorporated, assignee: *See*—
Starr, Donald F., and Haber.
- Peninsula Tool Co., Inc.: *See*—
Dickinson, Donald I. 2,697,897.
- Peninsular Grinding Wheel Co.: *See*—
Wyborski, Aloysius S. 2,686,994.
- Penkala, Emil, $\frac{1}{2}$ to Metal Trim Ltd. 2,692,170, Cl. 308—3.8.
- Penman, Robert B.: *See*—
Penman, Roberta H. and R. B. 2,696,008.
- Penman, Roberta H. and R. B. 2,696,008, Cl. 2—174.
- Penn Controls, Inc.: *See*—
Penn, Paul O. and R. S., and Schell. 2,685,411.
Schell, Paul. 2,675,965.
Schell, Paul. 2,685,412.
Schell, Paul. 2,696,874.
- Penn, Paul O. and R. S., and P. Schell, to Penn Controls, Inc. 2,685,411, Cl. 236—68.
- Penn, Ralph S.: *See*—
Penn, Paul O. and R. S., and Schell. 2,685,411.
- Pennanen, Matt, Hernan, Mich. Anchoring device for portable chain sawing machine blades. 2,665,719, Jan. 12.
- Pennebaker, Lewis C., and L. E. Johnson, to O. B. Andrews Co. 2,692,721, Cl. 229—45.
- Pennell, Elmer V.: *See*—
Creveling, Catherine B., and Pennell.
- Penneman, Robert A.: *See*—
Asprey, Larned B., Penneman, and Stephanou. 2,681,923.
- Penneman, Robert A., to Olin Industries, Inc. 2,690,378, Cl. 23—190.
- Pennestri, Dominick. 2,694,517, Cl. 226—89.
- Penney, Gaylord W., Pittsburgh, assignor to Trion, Inc., McKees Rocks, Pa. Ionizing unit for electrostatic filters. 2,672,948, Mar. 23.
- Pennie, Donald F.: *See*—
Olson, Harry F., and Pennie. 2,686,296.
- Penniman, Ira B. 2,687,511, Cl. 324—68.
- Pennington, Neal A. and L. A. McKinney. 11/20 to said Pennington, 1/10 to said McKinney, 1/10 to R. H. Henley, and 1/4 to R. S. Hoar. 2,681,217, Cl. 261—98.
- Penn-L Leather Products Co.: *See*—
Poeltl, Martin. 2,681,677.
- Pennock, John C., Marblehead, and A. J. Bacchieri, Dedham, assignors to Tracerlab, Inc., Boston, Mass. Radiation beam forming unit. 2,670,443, Feb. 23.
- Pennsylvania Crusher Co.: *See*—
Danyluke, Ostap.
Douglas, Harry J.
Hartshorn, Stanley D. 2,692,087.
Layberger, Arthur J. 2,692,088.
- Pennsylvania Flexible Metallic Tubing Co.: *See*—
Young, Charles W. 2,685,998.
- Pennsylvania Pump & Compressor Co.: *See*—
Noble, William H. 2,683,638.
- Pennsylvania Railroad Company, The, assignee: *See*—
Keller, William M., and Showers. 2,674,208.
Reigh, Clarence J.
- Pennsylvania Research Corporation, The, assignee: *See*—
John, Frank T. 2,680,054.
- Pennsylvania Salt Mfg. Co., The: *See*—
La Lande, William A., Jr., Molyneux, and Aeugle. 2,696,509.
- Lowe, Charles S., and Ricks.
McCoy, George, Inman, and Haines. 2,686,202.
Mockrin, Isadore. 2,687,341.
- Penny, Chester F., assignor to Underwood Corporation. 2,675,031, Cl. 140—103.
- Penrod, William R.: *See*—
Peterson, William R., and Penrod.
- Pentler, Charles F., and F. Murayama. 2,677,217, Cl. 47—14.
- People in the territory of the United States dedicated to the free use of the, assignee: *See*—
Carlsen, Earl W.
- Peoples' National Bank, The: *See*—
Beams, Jesse W., Kinsey, and Snoddy. 2,691,306.
Russo, Frank X. 2,688,992.
- Peoria Steel and Wire Co.: *See*—
Hopkins, Durward K. 2,683,790.
- Peppard, Donald F., and P. R. Gray, to the United States of America as represented by the United States Atomic Energy Commission. 2,683,655, Cl. 23—312.
- Pepper, Carl P., to The Marquette Metal Products Co. 2,692,665, Cl. 192—41.
- Peralta, Roberto J., and A. M. Garcia. 2,690,858, Cl. 222—93.

- Perbal, Albert C., Lake Arrowhead, Calif. Adjustable bracket structure. 2,665,102, Jan. 5.
- Percival, Worth H., to General Motors Corp. 2,685,173, Cl. 60—59.
- Percoco, Richard A., Mamaroneck, N. Y. Staple driver. 2,664,563, Jan. 5.
- Percy, James W., to United States Steel Corp. 2,689,119, Cl. 263—6.
- Percy, Nathaniel, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Fertilizers. 2,673,796, Mar. 30.
- Perdelli, Ferdinando. 2,684,053, Cl. 121—117.
- Perdue, Jack, assignor to Electro-Hydraulics Limited. 2,679,827, Cl. 121—38.
- Perdue, Jack, to Electro-Hydraulics Ltd. 2,690,887, Cl. 244—102.
- Perelson, Harold N., Los Angeles, Calif. Self-sealing dispensing device. 2,667,986, Feb. 2.
- Peremi, Edmund, assignor, by mesne assignments, to General Bronze Corporation. 2,678,478, Cl. 20—55.
- Pereyra, Armando J., Bremerton, Wash. Machine for forming tortillas and the like. 2,666,399, Jan. 19.
- Perez, José A. 2,680,604, Cl. 261—47.
- Perez, Raul: *See*—
Santana, Robert, and Perez. 2,693,989.
- Perfect Circle Corp.: *See*—
Brenneke, Arthur M. 2,689,773.
Estey, Melvin E. 2,695,823.
Hunt, Myron C. 2,696,038.
Jones, Cernyw F. 2,688,802.
Shirk, John F.
Shirk, John F. 2,686,093.
Storey, Clifford G.
Ware, Le Roy.
- Perfect Knit Togs, Inc.: *See*—
Siegel, Philip G., and Stein. Re. 23,853.
- Perfecting Service Company, assignee: *See*—
Shaw, Harmon L.
- Perfection Stove Co.: *See*—
Chadwick, Lee S., and Resek.
Chadwick, Lee S., Resek, and Squire. 2,693,792.
Raymond, David L., and Brown. 2,677,501.
Resek, Marc, Schultz, and Antl. 2,693,849.
Resek, Marc, Schultz, and Antl. 2,693,913.
Schultz, Wilbur A., and Patrick. 2,680,478.
- Perfex Corp.: *See*—
Malone, Homer E. 2,676,221.
Malone, Homer E. 2,687,610.
Malone, Homer E. 2,691,712.
Senn, Jurg A.
Traver, Clarence H. 2,688,064.
- Perforating Guns Atlas Corporation, assignee: *See*—
Owen, Turner A.
- Perga Containers Ltd.: *See*—
Innes, Robert H. 2,687,840.
- Perilhou, Pierre: *See*—
Bouzit, Jean, Ducot, and Perilhau. 2,677,820.
Ducot, Claude, and Perilhau. 2,692,986.
- Perilhou, Pierre A., Clamart, assignor to Office National d'Etudes et de Recherches Aeronautiques, Paris, France. Distance measuring device. 2,668,288, Feb. 2.
- Perilhou, Pierre, assignor to Office National d'Etudes et de Recherches Aeronautiques. 2,677,822, Cl. 343—117.
- Perlstein, Harold A., and H. Wandel, assignors to Stott-Hecht Glass Works. 2,674,043, Cl. 33—42.
- Perkin-Elmer Corp. The: *See*—
Atwood, John G. 2,679,184.
Atwood, John G. 2,679,185.
Baker, James G.
Coates, Vincent J. 2,690,695.
Savitzky, Abraham, and Halford. 2,680,989.
Urbanik, John G.
Williams, Van Z.
Williams, Van Zandt. 2,688,089.
Woodhull, Elliot H., and Tisdale. 2,688,090.
- Perkins, Albert G., Grand Island, N. Y. Control unit for milking machines. 2,670,753, Mar. 2.
- Perkins, Albert G., Grand Island, N. Y. Control unit for milking machines. 2,670,754, Mar. 2.
- Perkins, Albert G., Grand Island, N. Y. Pipe coating apparatus. 2,670,991, Mar. 2.
- Perkins, Albert G. 2,696,194, Cl. 119—14.08.
- Perkins, Bernard C. 2,687,763, Cl. 153—53.
- Perkins, Chester W., to Moloney Electric Co. 2,693,573, Cl. 323—43.5.
- Perkins, Corles M., Sr.: *See*—
MacCallum, Alan M., and Perkins.
Moog, Arthur E., and Perkins.
- Perkins, Corles M., Sr., and A. M. MacCallum, assignors to Bendix Aviation Corporation. 2,676,291, Cl. 318—207.
- Perkins, George D., Salem, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Automatic beacon range indicator. 2,671,895, Mar. 9.
- Perkins, George S., assignor to National Equipment Corporation, New York, N. Y. Tray dumping mechanism for confectionary machines. 2,667,281, Jan. 26.
- Perkins, John L., and E. E. Sylvester, to B. B. Chemical Co. 2,685,572, Cl. 260—33.8.
- Perkins, Judson W., and H. W. Alberstein. 2,679,059, Cl. 12—36.
- Perkins, Kenneth, assignor to The Singer Manufacturing Company. 2,677,582, Cl. 311—12.
- Perkins, Kenneth H., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,679,587, Cl. 250—27.
- Perkins, Laurence M., to Allen Bradley Co. 2,688,058, Cl. 200—67.
- Perkins, Layton E. 2,679,655, Cl. 9—9.
- Perkins, Melvin A., to E. I. du Pont de Nemours and Co. 2,692,272, Cl. 260—377.
- Perkins, Robert B., assignee: *See*—
Wagnon, Francis M.
- Perkins, Robert M.: *See*—
Demarest, Daniel D., Perkins, Karius, and Berendt.
- Perkins, Theodore O., assignor to Acme Visible Records, Inc. 2,678,865, Cl. 312—337.
- Perkins, Walter F., Baltimore, Md., assignor to Koppers Company, Inc., Pittsburgh, Pa. Making cylindrical surfaces. 2,669,010, Feb. 16.
- Perkins, Walter F., Baltimore, Md., assignor to Koppers Company, Inc., Pittsburgh, Pa. Telescoping lift-type gasholder. 2,672,409, Mar. 16.
- Perkins, William F., to The B. F. Goodrich Co. 2,698,042, Cl. 152—362.
- Perkiomen Products, assignee: *See*—
Campbell, Charles P.
- Perl, Frederick W., to Westinghouse Electric Corp. 2,690,801, Cl. 161—1.
- Perl, Richard L., assignor to The Tappan Stove Company. 2,675,870, Cl. 158—125.
- Perl, Richard L., to The Tappan Stove Co. 2,693,517, Cl. 200—137.
- Perlin, Fred. 2,678,582, Cl. 88—23.
- Perlman, David. 2,683,670, Cl. 106—290.
- Perlman, David, and M. Mattikow, to B. Clayton, doing business under the fictitious name and style of Refining, Unincorporated. 2,691,011, Cl. 260—210.5.
- Perlman, Milton. 2,678,235, Cl. 299—20.
- Perlmutter, Rueben, assignor of one-half to W. Rudley, New York, N. Y. Collapsible tube dispensing device having a rigidly mounted wind-up mechanism. 2,670,875, Mar. 2.
- Perls, Thomas A., to the United States of America as represented by the Secretary of Commerce. 2,690,469, Cl. 174—106.
- Permaceel Tape Corp.: *See*—
Eger, Laszdo W. 2,697,084.
McElroy, John F.
- Permachem Corp.: *See*—
Fessler, Frank. 2,689,809.
- Permafuse Corp., The: *See*—
Tilden, Sydney G.
Tilden, Sydney G. 2,675,699.
Tilden, Sydney G. 2,695,649.
- Perman, Håkan, and U. B. Rylander, to Svenska Skofabrikantforeningen. 2,696,051, Cl. 33—3.
- Permanente Cement Co.: *See*—
Garoutte, John M., and Hass. 2,687,290.
- Permann, Karl, to Shell Development Co. 2,685,343, Cl. 183—6.
- Permann, Odean M., Mitchell, S. Dak. Sandbag. 2,669,272, Feb. 16.
- Permark Company, Inc., assignee: *See*—
Irving, Albert J.
- Perme, Rudolph J.: *See*—
Parsons, Curtis H., and Perme. 2,676,843.
Parsons, Curtis H., and Perme. 2,691,144.
- Permo, Inc.: *See*—
Andres, Lloyd J. 2,681,228.
- Permutit Co., The: *See*—
Bott, Hugh R., and Spiers. 2,687,999.
Calmon, Calvin. 2,689,829.
Carlsson, Gust R., and Pick. 2,680,714.
Davis, Jesse B., and Pick. 2,677,390.
Gilwood, Martin E.
Kressman, Theodore R. E. 2,681,892.
Kressman, Theodore R. E., and Spiers. 2,688,000.
Waisbrot, Samuel W. 2,676,922.
- Perna, Charles. 2,692,433, Cl. 33—17.
- Pernecky, Paul, Jr., and C. R. Grantham. 2,677,413, Cl. 155—194.
- Pernici, Domenico. 2,696,097, Cl. 67—23.
- Pernick, David, Brooklyn, N. Y. Knitting machine stop mechanism. 2,669,106, Feb. 16.
- Peronto, Mildred L. 2,675,555, Cl. 2—105.
- Perrault Bros.: *See*—
Cunningham, Joseph A.
Waterson, Arthur P. 2,687,880.
- Perrault, Lewis. 2,690,157, Cl. 118—411.
- Perreault, Emile V., to Davol Rubber Co. 2,693,187, Cl. 128—252.
- Perreton, Arnold, to Formbloc, Inc. 2,684,589, Cl. 72—41.
- Perri, Joseph M., to National Foam System, Inc. 2,697,691, Cl. 252—8.05.
- Perrier, Louis: *See*—
Doussain, Robert, Bousson, and Perrier. 2,690,810.
- Perriguet, Forrest B.: *See*—
Hall, Winfield E., Jr., R. E. Hall, and Perriguet. 2,677,489.
- Perzin, Hans, to Sulzer Freres, Societe Anonyme. 2,688,378, Cl. 183—37.
- Perrin, Jacques, and R. Grinberg, to "Societe D'Etudes Hydrauliques Pour L'Industrie Miniere" (S. E. H. I. M.). 2,694,293, Cl. 61—45.

- Perrin, John, Croydon, assignor to Powers-Samas Accounting Machine Limited, London, England. Sensing of perforated statistical records. 2,672,288, Mar. 16.
- Perrin, John, assignor to Powers-Samas Accounting Machines Limited. 2,675,176, Cl. 235—61.6.
- Perrin, John, assignor to Powers-Samas Accounting Machines Limited. 2,675,177, Cl. 235—61.11.
- Perrin, John, to Powers-Samas Accounting Machines Ltd. 2,694,491, Cl. 209—110.
- Perrin, John C., assignor to Powers-Samas Accounting Machines Limited, London, England. Photoelectric sorter for documents such as checks, etc. 2,669,354, Feb. 16.
- Perrin, Tom S.: *See*—
Banner, Robert G., and Perrin. 2,678,259.
- Perron, Robert R.: *See*—
Brophy, John J., and Perron.
- Perry, Charles W., to Phillips Petroleum Co. 2,682,447, Cl. 23—151.
- Perry, Claude D., Nashville, Mich. Device for utilizing gas fumes from gasoline tanks. 2,671,012, Mar. 2.
- Perry, Donald O., assignor to Lockheed Aircraft Corporation. 2,677,515, Cl. 244—102.
- Perry, Edward D., East Providence, and S. D. Garzone, Johnston, assignors to Ansul-Craft, Inc., Providence, R. I. Machine for stringing beads or other like pierced articles. 2,670,109, Feb. 23.
- Perry, Eugene L., deceased, Bloomfield, N. J.; H. M. Swope, and G. Gubernator, executrices, assignors, by mesne assignments, to Packaging Materials Corp., Providence, R. I. Corrugated packing sheet. 2,668,786, Feb. 9.
- Perry-Fay Company, The, assignee: *See*—
Perry, Richard D., and Baumgardner. 2,676,572.
- Perry, James H., to Norton Co. 2,693,670, Cl. 51—168.
- Perry, John A., Phoenix, Ariz. Lift and propulsion system for convertible aircraft. 2,673,695, Mar. 30.
- Perry, John A. 2,684,122, Cl. 170—160.13.
- Perry, John A. 2,684,214, Cl. 244—48.
- Perry, John A. 2,684,722, Cl. 170—160.25.
- Perry, John A. 2,689,695, Cl. 244—48.
- Perry, John L. 2,695,018, Cl. 128—87.
- Perry, Manley M.: *See*—
Jones, Lerroy V., Willis, and Perry. 2,685,565.
- Perry, Murle. 2,684,675, Cl. 128—283.
- Perry, Murle. 2,684,676, Cl. 128—283.
- Perry, Paul L., Philadelphia, Pa. Retractable trailer hitch. 2,665,923, Jan. 12.
- Perry Products, Inc., assignee: *See*—
Drake, Harcourt C.
- Perry, Richard D., and R. H. Baumgardner, assignors to The Perry-Fay Company. 2,676,572, Cl. 121—45.
- Perry, Stanley. 2,685,917, Cl. 158—28.
- Perry, Stephen F., Westfield, G. W. Engisch, Linden, and R. A. Marriner, Westfield, N. J., assignors to Standard Oil Development Company. Ketone dewaxing process. 2,667,447, Jan. 26.
- Perry, Winthrop L.: *See*—
Abbott, Edward J., and Perry. 2,675,184.
- Perry, Winthrop L., Milford, assignor to Abbott Machine Co., Inc., Wilton, N. H. Winding machine. 2,670,149, Feb. 23.
- Perry, Winthrop L., assignor to Abbott Machine Co., Inc. 2,675,152, Cl. 226—3.
- Perry, Winthrop L., assignor to Abbott Machine Co., Inc. 2,675,183, Cl. 242—32.
- Perry, Winthrop L., Milford, and J. E. Ring, assignors to Abbott Machine Co., Inc., Wilton, N. H. Bobbin handling mechanism. 2,670,150, Feb. 23.
- Perry, Winthrop L., and E. J. Abbott, deceased (by S. L. Abbott, executor), to Abbott Worsted Mills, Inc. 2,695,138, Cl. 242—19.
- Persak, George, Jr., Verona, and W. R. Kuzmin, Rutherford, assignors to The Oiljak Manufacturing Co., Inc., Montclair, N. J. Sanitary dispensing valve. 2,672,316, Mar. 16.
- Persch, Walther, and A. Schmidt, to Cassella Farbwerke Mainkur Aktiengesellschaft. 2,687,416, Cl. 260—309.5.
- Persing, Ellis C., Jr.: *See*—
Veatch, Franklin, and Persing.
- Persons, Charles A., deceased; H. M. Persons and The Mechanic National Bank of Worcester, executors of said Charles A. Persons, assignors to Persons-Majestic Mfg. Co., Worcester, Mass. Padded saddle seat construction. 2,667,911, Feb. 2.
- Persons, Harriet M., executrix: *See*—
Persons, Charles A.
- Persons-Majestic Mfg. Co., assignee: *See*—
Persons, Charles A.
- Persons, Naomi G., executrix: *See*—
Persons, Orville C. 2,682,847.
- Persons, Orville C., deceased; N. G. Persons, executrix. 2,682,847, Cl. 112—217.
- Persons, Russell. 2,687,605, Cl. 55—106.
- Persson, Eric S. 2,694,841, Cl. 20—56.
- Persson, Ernest, to The International Postal Supply Co. 2,693,754, Cl. 101—235.
- Persson, Karl B., to Lumalampan Aktiebolag. 2,688,084, Cl. 250—36.
- Persson, Per Walther Sigvard: *See*—
Boestad, Gustav K. W., and Persson. 2,681,208.
- Persson, Walther P. S.: *See*—
Horney, Fredrik, and Persson. 2,678,194.
- Pertics, Elias P. and E. E. 2,694,355, Cl. 97—137.
- Pertics, Emil E.: *See*—
Pertics, Elias P. and E. E. 2,694,355.
- Pesce, Augustine F., Philadelphia, Pa. Ultraviolet ray applicator. 2,666,436, Jan. 19.
- Pesce, Augustine F. 2,675,580, Cl. 17—25.
- Pesce, Mario R. 2,689,199, Cl. 154—46.
- Peskin, Leonard C., to Thermal Research & Engineering Corp. 2,690,051, Cl. 60—40.
- Pesqueira, Juventino J., New York, assignor to Morey Machinery Co., Inc., Astoria, N. Y. Expanding mandrel for lathes. 2,671,371, Mar. 9.
- Pessagno, Joseph, Niles, Calif. Tile molding machine. 2,666,246, Jan. 19.
- Pessel, Leopold, Whitemarsh Village, Pa., assignor to Radio Corporation of America. Soldering printed circuits. 2,671,264, Mar. 9.
- Pessel, Leopold, to Radio Corp. of America. 2,689,191, Cl. 117—35.
- Pessel, Leopold, to Radio Corp. of America. 2,690,407, Cl. 117—138.8.
- Pessel, Leopold, to Radio Corp. of America. 2,690,408, Cl. 148—23.
- Pessoa, Luis F. 2,686,406, Cl. 62—140.
- Pest Control Limited, assignee: *See*—
Hartley, Gilbert S., and Pound.
Hartley, Gilbert S., Pound, Heath, and Hulme. 2,678,334.
Lester, Patrick. 2,678,335.
- Pestarin, Joseph M., Staten Island, N. Y. Electric motor. 2,665,403, Jan. 5.
- Pestarin, Joseph M., Staten Island, N. Y. Synchronous motor. 2,666,174, Jan. 12.
- Pestarin, Joseph M. 2,686,288, Cl. 322—28.
- Petcar Research Corp.: *See*—
Norton, Mahlon H., and Spaven. 2,697,824.
- Petch, Charles L.: *See*—
Petch, Charles L., and Warrick. 2,687,910.
- Petch, Charles L., and F. P. Warrick, to C. L. Petch. 2,687,910, Cl. 292—256.65.
- Pete, Robert H., to E. I. du Pont de Nemours and Co. 2,687,943, Cl. 8—104.
- Petek, Joseph E. 2,674,912, Cl. 84—291.
- Peter, Elmer. 2,689,691, Cl. 242—84.5.
- Peter, Karl, to A. Ruckstuhl. 2,687,098, Cl. 104—191.
- Peter, Leslie H.: *See*—
Jenkins, Alexander, and Peter. 2,692,212.
- Peter Paul, Inc.: *See*—
Zeun, Louis H. 2,688,940.
Zeun, Louis H. 2,688,941.
- Peter, Robert G.: *See*—
Boice, Elvin G., and Peter. 2,697,014.
Kucera, Clement M., and Peter. 2,692,117.
- Peterbilt Motors Co.: *See*—
Brumbaugh, George U. 2,694,943.
MacDonald, William W., and Pomfret.
- Petering, Harold G., assignor to The Upjohn Company, Kalamazoo, Mich. 2,4-diaminopteridine aldehydes. 2,667,484, Jan. 26.
- Petering, Harold G., assignor to The Upjohn Company, Kalamazoo, Mich. 2,4-diamino-6-(hydroxyalkyl) pteridines. 2,667,485, Jan. 26.
- Petering, Wilbur H.: *See*—
Emmett, Robert A., Jr., and Petering. 2,685,564.
- Peterman, Earl A. 2,681,830, Cl. 299—113.
- Peterman, Wilfred B. 2,695,495, Cl. 60—35.6.
- Petermann, Henry H. 2,689,510, Cl. 97—16.
- Peters, Alfons, to Hartford National Bank and Trust Co., as trustee. 2,689,626, Cl. 184—24.
- Peters, Arthur C., Midlothian, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Unitary tubular electrical contact and wiring terminal therefor. 2,673,336, Mar. 23.
- Peters, Byron M. 2,678,595, Cl. 97—40.
- Peters, Clifford M., to Garrett Oil Tools, Inc. 2,685,886, Cl. 137—155.
- Peters, Edwin F., to Standard Oil Co. 2,692,259, Cl. 260—88.1.
- Peters, Edwin F., to Standard Oil Co. 2,692,295, Cl. 260—683.15.
- Peters, Edwin F., and B. L. Evering, to Standard Oil Co. 2,692,261, Cl. 260—94.9.
- Peters, Ernest, to Auto Lamp Mfg. Co. 2,691,744, Cl. 315—80.
- Peters, Floyd G., Parkersburg, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Stacked cone-loosening method and mechanism. 2,672,991, Mar. 23.
- Peters, Frederick J., assignor to Globe Woven Belting Company, Inc. 2,675,771, Cl. 112—79.
- Peters, George E., and L. E. Russell, assignors to Peters & Russell, Inc. 2,678,248, Cl. 309—33.
- Peters, Harry, to The Raymond Bag Co. 2,689,731, Cl. 271—41.
- Peters, Herbert W., Milwaukee, Wis., assignor to Cory Corporation, Chicago, Ill. Beverage brewing apparatus. 2,667,827, Feb. 2.
- Peters, John G.: *See*—
Smith, Herschel G., Cantrell, and Peters. 2,689,828.
- Peters, Layman R. 2,678,187, Cl. 251—357.
- Peters, Leo: *See*—
Colt, Edwin W. 2,689,183.
- Peters, Leo, Evanston, Ill. Soft plastic food package. 2,666,710, Jan. 19.
- Peters, Leo. 2,688,557, Cl. 99—171.

- Peters, Leo. 2,698,248, Cl. 99—171.
- Peters, Leslie M., to Shell Development Co. 2,686,813, Cl. 260—593.
- Peters, Lewis E., assignor to Raymond M. Price & Associates, Inc. 2,680,839, Cl. 339—119.
- Peters, Maurice C., Salt Lake City, Utah, and H. B. Adams, Mission, Kans. Hydraulic transmission. 2,671,403, Mar. 9.
- Peters, Melville F. 2,674,237, Cl. 123—169.
- Peters, Philip H., Jr., to the United States of America as represented by the Secretary of the Army. 2,681,413, Cl. 250—36.
- Peters & Russell, Inc.: *See—*
 Bohnenblust, Walter H.
 Peters, George E., and Russell. 2,678,248.
 Russell, Linus E.
 Russell, Linus E. 2,674,087.
 Russell, Linus E. 2,677,929.
 Russell, Linus E. 2,677,975.
 Russell, Linus E. 2,678,067.
 Russell, Linus E. 2,679,857.
 Russell, Linus E. 2,694,610.
- Peters, William D., to The Denison Engineering Co. 2,696,130, Cl. 78—15.
- Petersen, Axel C. G.: *See—*
 Kolb, Otto K., and Petersen. 2,677,728.
- Petersen, Clifford W.: *See—*
 Stoelting, Herman O., and Petersen.
- Petersen, Clifford W., Wauwatosa, assignor to McGraw Electric Company, Milwaukee, Wis. Isolating gap electrode. 2,668,210, Feb. 2.
- Petersen, Erik H. 2,682,853, Cl. 115—34.
- Petersen, Lars K. H. 2,693,346, Cl. 257—227.
- Petersen Oven Co., The: *See—*
 Klein, Chris, Skarin, and Tinker. 2,691,432.
- Petersen, Richard J.: *See—*
 Cripe, Gene H., and Petersen. 2,692,749.
- Petersen, Robert P., to Concrete Products Co. of America. 2,689,999, Cl. 25—118.
- Petersen, Siegfried: *See—*
 Gold, Heinrich, and Petersen.
 Müller, Erwin, Petersen, and Löblein. 2,683,696.
- Petersen, Soren C., Chicago, Ill. Face cream applying and face massaging implement. 2,667,867, Feb. 2.
- Petersen, Svend A., to Celanese Corp. of America. 2,694,448, Cl. 164—61.
- Petersen, Wilhelm H., to Allmanna Svenska Elektriska Aktiebolaget. 2,687,481, Cl. 310—15.
- Petersen, William, to The American White Cross Laboratories, Inc. 2,680,943, Cl. 53—56.
- Petersen, William L., assignor to Clarke Sanding Machine Company, Muskegon, Mich. Suction cleaner. 2,666,498, Jan. 19.
- Peterson, Adolphe C., Minneapolis, Minn. Apparatus for heating and cooling air. 2,669,100, Feb. 16.
- Peterson, Adolphe C. 2,683,574, Cl. 244—46.
- Peterson, Adolphe C. 2,687,779, Cl. 170—135.71.
- Peterson, Albert C., and J. G. Attwood, to Union Special Machine Co. 2,684,652, Cl. 112—256.
- Peterson, Alden W., Lorain, Ohio, assignor to United States Steel Corporation. Device for transferring ingot mold caps. 2,667,276, Jan. 26.
- Peterson, Aldon M. 2,686,381, Cl. 43—42.09.
- Peterson, Berger A., Milton, Mass. Store enclosure. 2,670,504, Mar. 2.
- Peterson, Burt A., to Barber-Colman Co. 2,696,901, Cl. 198—25.
- Peterson, C. Lynn, assignor to Peterson Filters and Engineering Company, Salt Lake City, Utah. Promoting filtration. 2,666,527, Jan. 19.
- Peterson, C. Lynn and C. J., and H. M. Hunter, to G. D. Dickey and H. M. Hunter. 2,696,916, Cl. 210—200.
- Peterson, Carl O.: *See—*
 Spindler, Norman J., and Peterson.
- Peterson, Charles B., Jr., Lancaster, Pa. Disposable double-action syringe. 2,673,561, Mar. 30.
- Peterson, Christen J., deceased; G. Goessele, T. M. Dunlap, and City National Bank & Trust Company, executors, assignors to Wear Proof Mat Company, Chicago, Ill. Mat. 2,667,654, Feb. 2.
- Peterson, Clarence I. 2,678,860, Cl. 312—7.
- Peterson, Clarence J.: *See—*
 Peterson, C. Lynn and C. J., and Hunter. 2,696,916.
- Peterson, Clarence N. 2,697,415, Cl. 119—159.
- Peterson, Clinton H. Re. 23,827, Cl. 55—51.
- Peterson, Donald W. 2,675,761, Cl. 103—89.
- Peterson, Durey H.: *See—*
 Murray, Herbert C., and Peterson.
 Murray, Herbert C., and Peterson. 2,683,725.
 Murray, Herbert C., and Peterson. 2,686,791.
 Murray, Herbert C., and Peterson. 2,686,792.
 Murray, Herbert C., and Peterson. 2,691,030.
 Murray, Herbert C., and Peterson. 2,691,031.
 Murray, Herbert C., and Peterson. 2,692,273.
 Murray, Herbert C., and Peterson. 2,695,260.
 Murray, Herbert C., and Peterson. 2,695,907.
 Murray, Herbert C., and Peterson. 2,697,110.
 Murray, Herbert C., and Peterson. 2,698,331.
- Peterson, Edward S., to Automatic Electric Laboratories, Inc. Re. 23,855, Cl. 179—6.
- Peterson, Edward T., assignor to Birdsboro Steel Foundry and Machine Company. 2,677,979, Cl. 80—56.
- Peterson, Edward T., to Birdsboro Steel Foundry and Machine Co. 2,684,605, Cl. 80—42.
- Peterson, Edward T., to Birdsboro Steel Foundry and Machine Co. 2,696,131, Cl. 80—56.
- Peterson, Edward T., to Birdsboro Steel Foundry and Machine Co. 2,697,335, Cl. 64—8.
- Peterson, Edward W., to the United States of America as represented by the United States Atomic Energy Commission. 2,696,539, Cl. 200—114.
- Peterson, Edwin F., Kewanee, Ill. Making core box vent plugs. 2,669,769, Feb. 23.
- Peterson, Edwin F. 2,677,160, Cl. 22—13.
- Peterson, Edwin F. 2,687,559, Cl. 22—10.
- Peterson, Elbert A.: *See—*
 Ballard, Seaver A., Finch, and Peterson. 2,693,497.
- Peterson, Elmer V., assignee: *See—*
 Hammond, Eleanor M., and B. F.
- Peterson, Esther. 2,680,309, Cl. 36—11.5.
- Peterson Filters and Engineering Company, assignee: *See—*
 Peterson, C. Lynn.
- Peterson, Glen, Tulsa, Okla., assignor to Phillips Petroleum Company. Radio seismic system. 2,667,625, Jan. 26.
- Peterson, Gustave A., assignor to The Ferro Engineering Company. 2,678,481, Cl. 22—147.
- Peterson, Hartin F., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Dining car kitchen ventilating system. 2,664,808, Jan. 5.
- Peterson, Henning E.: *See—*
 Le Tourneau, Frank P., and Peterson.
- Peterson, Herbert T., to Weyerhaeuser Timber Co. 2,682,772, Cl. 73—424.
- Peterson, Herman B.: *See—*
 Peterson, Peter A. and H. B. 2,678,215.
- Peterson, Howard B., to American Can Co. 2,696,581, Cl. 318—475.
- Peterson, Howard B., and E. De Gear, San Francisco, Calif., assignors to American Can Company, New York, N. Y. Container closing machine with centering device. 2,672,791, Mar. 23.
- Peterson, Joel D., Ridgewood, assignor to Bendix Aviation Corporation, Teterboro, N. J. Engine control and synchronization system. 2,670,157, Feb. 23.
- Peterson, Kenneth B. 2,675,613, Cl. 30—40.
- Peterson, Kenneth E., to Aircraft-Marine Products, Inc. 2,696,850, Cl. 140—113.
- Peterson, Lester C., and H. J. Batts, to United States Rubber Co. 2,692,000, Cl. 152—351.
- Peterson, Lewis. 2,674,766, Cl. 20—1.2.
- Peterson, Liss C.: *See—*
 Bennett, William R., and Peterson. 2,676,206.
- Peterson, Louis E. 2,674,143, Cl. 81—49.
- Peterson, Louis L. 2,685,724, Cl. 25—131.
- Peterson, Loys G.: *See—*
 Bruegger, Zeno A. 2,695,029.
- Peterson, Marvin L.: *See—*
 Lindsey, Richard V., Jr., and Peterson. 2,680,713.
- Peterson, Melvin A. 2,679,379, Cl. 254—1.
- Peterson, Olse N.: *See—*
 Gribskov, Leslie K., and Peterson. 2,680,040.
 Gribskov, Leslie K., and Peterson. 2,680,041.
- Peterson, Peter A. and H. B. 2,678,215, Cl. 273—119.
- Peterson, Robert A. 2,678,105, Cl. 180—6.48.
- Peterson, Robert E., New York, assignor to Repeter Products, Inc., Long Island City, N. Y. Hand torch and igniter for use with low boiling point fuel. 2,666,480, Jan. 19.
- Peterson, Robert E., assignor to Repeter Products, Inc., New York, N. Y. Lighter. 2,672,037, Mar. 16.
- Peterson, Robert E., to Repeter Products, Inc. 2,681,554, Cl. 67—7.1.
- Peterson, Robert H., and T. E. Rolf, assignors to Radio Corporation of America. 2,680,382, Cl. 74—483.
- Peterson, Ruben O.: *See—*
 Nelson, Brooks E., and Peterson. 2,682,065.
- Peterson, Ruben O., University Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Conditioning metal sheets, strips, rods, and the like. 2,666,282, Jan. 19.
- Peterson, Ruben O., to The Osborn Mfg. Co. 2,680,868, Cl. 15—128.
- Peterson, Ruben O., to The Osborn Mfg. Co. 2,680,869, Cl. 15—128.
- Peterson, Ruben O., to The Osborn Mfg. Co. 2,680,938, Cl. 51—5.
- Peterson, Ruben O., to The Osborn Mfg. Co. 2,682,734, Cl. 51—190.
- Peterson, Ruben O., to The Osborn Mfg. Co. 2,690,631, Cl. 51—186.
- Peterson, Ruben O., University Heights, and F. C. Miles, assignors to The Osborn Manufacturing Company, Cleveland, Ohio. Brush and making same. 2,672,640, Mar. 23.
- Peterson, Seymour A., to Storm Industries, Inc. 2,683,438, Cl. 119—48.
- Peterson, Thomas F., to Preformed Line Products Co. 2,691,865, Cl. 57—145.
- Peterson, Thomas H. 2,695,689, Cl. 189—43.
- Peterson, Walter H., and W. Saarni, assignors to Shell Development Company. 2,679,479, Cl. 252—28.
- Peterson, Walter R., assignor to International Harvester Company. 2,674,463, Cl. 280—80.
- Peterson, Walter R., assignor to International Harvester Company. 2,674,464, Cl. 280—80.

- Peterson, Walter R., and A. C. Radtke, to International Harvester Co. 2,690,833, Cl. 198—39.
- Peterson, Wesley D., to Collins Radio Co. 2,693,580, Cl. 333—71.
- Peterson, Wesley M., Davenport, Iowa. Viscosimeter. 2,668,441, Feb. 9.
- Peterson, William B., Jr., and G. G. Koeberle, assignors to Angelus Sanitary Can Machine Co. 2,680,419, Cl. 113—23.
- Peterson, William H., to Pullman-Standard Car Mfg. Co. 2,692,032, Cl. 189—34.
- Peterson, William R., assignor to St. Regis Paper Company. 2,674,396, Cl. 226—48.
- Peterson, William R., to St. Regis Paper Co. 2,687,244, Cl. 226—48.
- Peterson, William R., and W. R. Penrod, Oswego, assignors to St. Regis Paper Company, New York, N. Y. Apparatus for closing paper bags. 2,669,201, Feb. 16.
- Peterson, William R., and C. E. Krupp, to Vapor Heating Corp. 2,695,135, Cl. 236—13.
- Peth, Robert : *See—*
- Holzinger, Alfred S., and Peth. 2,688,059.
- Pethybridge, Charles A. : *See—*
- Montgomery, Donald H., Pethybridge, and Lange. 2,680,281.
- Petit, Daniel, assignor to Societe de Technique Industrielle, Paris, France. Vibrating retort. 2,667,452, Jan. 26.
- Petit, Daniel. 2,681,068, Cl. 134—56.
- Petit, Henry N. 2,675,241, Cl. 279—2.
- Petitcolas, Pierre, A. P. Richard, R. F. M. Sureau, R. P. V. Roe, and J. E. Develotte, assignors to Compagnie Francaise des Matieres Colorantes S. A. R. L. 2,675,374, Cl. 260—140.
- Petkus, Alexander G., La Grange, assignor to Universal Oil Products Company, Chicago, Ill. Removal of spent polymerization catalyst. 2,669,531, Feb. 16.
- Petkowitz, Carl F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerator utility drawer mounting. 2,668,423, Feb. 9.
- Petre, John N., assignor to Xcelite, Incorporated. 2,675,742, Cl. 90—11.
- Petre, John N., assignor to Xcelite, Incorporated. 2,675,744, Cl. 90—15.
- Petrea, James C., to Wright Machinery Co. 2,691,476, Cl. 226—55.
- Petrenchak, George C. 2,694,508, Cl. 222—123.
- Petri, Edward W. : *See—*
- Seeley, Frank H., and Petri. 2,679,192.
- Petri, Hans. 2,689,546, Cl. 119—14.03.
- Petri, Hector D., to United-Carr Fastener Corp. 2,685,720, Cl. 24—73.
- Petri, Jan E., to American Optical Co. 2,693,765, Cl. 103—149.
- Petrich, Erwin, Augsburg-Goggingen, assignor of one-half to Kleindienst & Co., offene Handelsgesellschaft, Augsburg, Germany. Pressing bust. 2,667,291, Jan. 26.
- Petrie, Harold W., Lemont, Ill. Antiskid chain means for vehicle wheels. 2,673,586, Mar. 30.
- Petrie, Harold W. 2,685,321, Cl. 152—219.
- Petrie, Jacob A., to Barber-Colman Co. 2,697,382, Cl. 90—4.
- Petrie, Peter S., and E. C. Britton, to The Dow Chemical Co. 2,694,087, Cl. 260—512.
- Petrilli, Santy C., assignor to General Candy Corporation. 2,679,820, Cl. 118—30.
- Petrocarbon Limited, assignee : *See—*
- Haward, Robert N., and Elly.
- Petroff, Merlin, Round Lake, assignor to Stewart-Warner Corporation, Chicago, Ill. Electrical indicator. 2,666,180, Jan. 12.
- Petroff, Merlin, Round Lake, assignor to Stewart-Warner Corporation, Chicago, Ill. Magnetic fluid clutch. 2,671,545, Mar. 9.
- Petroff, Merlin O., Round Lake, assignor to Stewart-Warner Corporation, Chicago, Ill. Vibration pickup. 2,671,202, Mar. 2.
- Petroff, Merlin O., to Stewart-Warner Corp. 2,695,516, Cl. 73—66.
- Petroff, Merlin O., to Stewart-Warner Corp. 2,696,592, Cl. 336—30.
- Petroleum Mechanical Development Corp. : *See—*
- Jones, Marvin R., and Eckel. 2,689,139.
- Petrolite Corp. : *See—*
- Blair, Charles M., Jr. 2,693,468.
- Blair, Charles M., Jr., Lehmann, and Samuleson. 2,698,303.
- De Groote, Melvin. 2,679,484—8.
- De Groote, Melvin. 2,679,510—29.
- De Groote, Melvin. 2,695,882.
- De Groote, Melvin. 2,695,885—2,695,891.
- De Groote, Melvin. 2,695,914.
- De Groote, Melvin. 2,695,915.
- De Groote, Melvin. 2,695,916.
- De Groote, Melvin. 2,695,917.
- De Groote, Melvin, and Keiser. Re. 23,851.
- De Wit, Hendrik P. 2,681,311.
- Lissant, Kenneth J.
- Monson, Louis T. 2,679,462.
- Smith, Alvin H. 2,695,883.
- Smith, Alvin H. 2,695,884.
- Smith, Alvin H. 2,695,909.
- Petron, George P. 2,693,368, Cl. 280—482.
- Petry, Eduard C., to Minneapolis-Honeywell Regulator Co. 2,683,348, Cl. 60—35.6.
- Petry, Eduard C., to Minneapolis-Honeywell Regulator Co. 2,696,118, Cl. 73—359.
- Petry, John K. : *See—*
- Fischer, John J., and Petry. 2,677,534.
- Petrzilka, Theodor : *See—*
- Stoll, Arthur, and Petrzilka.
- Pettas, Constant. 2,674,574, Cl. 210—16.
- Pettenati, Lucia, heir : *See—*
- Kachkaroff, Pierre, and Guareschi. 2,678,872.
- Petterson Mfg. Co., Inc. : *See—*
- Norman, Eugene C. 2,689,404.
- Norman, Eugene C. 2,689,405.
- Petterson, Karl H. R. 2,694,276, Cl. 51—147.
- Pettibone Mulliken Corp. : *See—*
- De Armond, Ralph R. 2,689,637.
- Koren, George J. 2,691,194.
- Pettibone, Robert L. : *See—*
- Goetzel, Claus G., and Pettibone. 2,694,007.
- Pettigrew, David D. : *See—*
- Eschenburg, William A., Pettigrew, and Johnson. Re. 23,822.
- Pettigrew, Sydney E., 1/2 to D. B. Card. 2,691,553, Cl. 308—62.
- Pettit, Dorn L., to Square D Co. 2,698,412, Cl. 318—252.
- Pettit, Frank, to The Lionel Corp. 2,690,551, Cl. 340—252.
- Pettit, George A., to the United States of America as represented by the Secretary of Agriculture. 2,694,436, Cl. 154—42.
- Pettorossi, Joseph, assignor to Paper Novelty Manufacturing Company, Brooklyn, N. Y. Decorative article. 2,668,385, Feb. 9.
- Pettus, James L. : *See—*
- Blaney, Arthur C., and Pettus. 2,676,798.
- Ward, Hugh C., and Pettus. 2,687,884.
- Pettus, James L., to Radio Corp. of America. 2,687,882, Cl. 271—2.3.
- Pettus, James L., and A. C. Albee, to Radio Corp. of America. 2,687,883, Cl. 271—2.3.
- Petty, Frank B. 2,690,025, Cl. 43—35.
- Petty, John B. 2,694,434, Cl. 153—32.
- Petty, Joseph. 2,690,158, Cl. 119—3.
- Petty, Olive S. : *See—*
- Mayne, William H. 2,677,729.
- Mayne, William H. 2,685,815.
- Pettyjohn, Elmore S., assignor to Institute of Gas Technology. 2,676,913, Cl. 202—99.
- Petzke, Franklin J. 2,680,891, Cl. 24—150.
- Petzke, Franklin J. 2,689,703, Cl. 248—199.
- Peuto, Renato. 2,694,836, Cl. 19—131.
- Pevere, Ernest F. : *See—*
- Ruidisch, Louis E., and Pevere. 2,681,300.
- Pevere, Ernest F., and G. B. Arnold, to The Texas Co. 2,685,607, Cl. 260—677.
- Pewthers, Charles W. : *See—*
- Gardner, Almus H., and Pewthers.
- Peyrebrune, Henri E., and B. B. Pasquinelli, to Miehle Printing Press and Mfg. Co. 2,684,241, Cl. 271—68.
- Peyton, Norman I., Baltimore, Md., assignor to Joe Lowe Corporation, New York, N. Y. Apparatus for making variegated ice creams and the like. 2,669,946, Feb. 23.
- Peyton, Norman I., to Joe Lowe Corp. 2,689,537, Cl. 107—54.
- Pfaff, Egon L. H., to Daimler-Benz Aktiengesellschaft. 2,687,477, Cl. 250—52.
- Pfaff, G. M., A. G. : *See—*
- Heimann, Willi.
- Schumann, Herbert, and Clauss. 2,690,725.
- Pfaff, Henry C., Jr., to Pfaff and Kendall. 2,689,104, Cl. 248—284.
- Pfaff, Henry C., Jr., to Pfaff and Kendall. 2,694,540, Cl. 248—45.
- Pfaff and Kendall : *See—*
- Pfaff, Henry C., Jr. 2,689,104.
- Pfaff, Henry C., Jr. 2,694,540.
- Pfaff, George P., and W. Cleland. 2,688,763, Cl. 15—371.
- Pfaffman, Calvin E. : *See—*
- Cook, William H., Jr., Pfaffman, and Schairer.
- Kirkbride, John F., and Pfaffman. 2,677,512.
- Larson, Thorvold H., Mayer, Pfaffman, Cook, and Kirkbride. 2,696,355.
- Pfankuch, Joseph E. 2,697,572, Cl. 248—31.
- Pfankuch, Leo A. : *See—*
- Pall, Francis A., and Pfankuch.
- Pfann, William G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reversible semiconductor and making it. 2,666,977, Jan. 26.
- Pfann, William G., Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Semiconductive photoelectric transducer. 2,669,635, Feb. 16.
- Pfanstiehl Chemical Corp. : *See—*
- John, Robert S., Jr. 2,697,757.
- Holtz, Frederick C., Jr.
- Pfarrer, William H., assignor to Morris Machine Works. 2,676,609, Cl. 137—375.
- Pfarrwaller, Erwin. 2,676,618, Cl. 139—54.
- Pfarrwaller, Erwin, to Sulzer Freres, Societe Anonyme. 2,687,148, Cl. 139—58.
- Pfarrwaller, Erwin, to Sulzer Freres, Societe Anonyme. 2,696,222, Cl. 139—125.
- Pfandler Company, The, assignee : *See—*
- Minard, Everett S.

- Pfeffer, William E., assignor to P. Mood, L. Void, and W. E. Pfeffer, trading under the name of The Electro-Mechanical Instrument Company, Perkasi, Pa. Electrical measuring instrument with permanent magnet restoring means. 2,668,945, Feb. 9.
- Pfeffer, Woodrow W., and L. C. Northquist, Spokane, Wash. Pillow. 2,667,915, Feb. 2.
- Pfeifer, Carl A., Milwaukee, Wis. Tire rivet. 2,668,570, Feb. 9.
- Pfeiffer, Charles W., Troy, N. Y., assignor to General Electric Company. Reclaimed silicone rubber. 2,666,035, Jan. 12.
- Pfeiffer, Charles W., Troy, N. Y., assignor to General Electric Company. Silicone rubbers with improved compression set. 2,666,041, Jan. 12.
- Pfeiffer, George F. 2,678,157, Cl. 230—206.
- Pfeiffer, Clarence L., Ypsilanti, Mich. Window regulator for the rear quarter window of automobiles. 2,669,450, Feb. 16.
- Pfeiffer, Ernest, assignor to Robbins Mills, Inc. 2,677,397, Cl. 139—417.
- Pfeiffer, Fred B., $\frac{1}{2}$ to J. R. Crossan. 2,693,618, Cl. 18—19.
- Pfeiffer, Paul O., assignor to The General Tire and Rubber Company. 2,679,662, Cl. 18—38.
- Pfeiffer, Paul O., assignor to The General Tire and Rubber Company. 2,679,751, Cl. 73—66.
- Pfenninger, Arnold, Jr., and J. R. Calistro, assignors to The Connecticut Hard Rubber Company. 2,674,505, Cl. 308—184.
- Pferd, William, and R. E. Prescott, to Bell Telephone Laboratories, Inc. 2,685,946, Cl. 188—184.
- Pfingsten, August F., Rock Rapids, Iowa. Tractor driven high-pressure pump. 2,672,097, Mar. 16.
- Pfister, Anthony C.: *See—*
Grisdale, Richard O., Pfister, and Teal.
- Pfister, Edward G., New York, N. Y. Multiple electric socket. 2,673,969, Mar. 30.
- Pfister, Karl, III: *See—*
Payne, George B., and Pfister. 2,678,317.
Payne, George B., and Pfister. 2,694,067.
Payne, George B., and Pfister. 2,694,068.
- Pfitzner, Helmut, and H. Merkel, assignors to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,674,595, Cl. 260—148.
- Pfützner, Helmut, and O. Kaufmann, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,685,595, Cl. 260—438.
- Pfizer, Chas., & Co., Inc.: *See—*
Bavley, Abraham, Knuth, Lazier, and Timreck. 2,689,202.
Bavley, Abraham, Lazier, and Timreck. 2,691,619.
Brown, Frank E. 2,695,023.
Carnahan, Robert E. 2,678,312.
Goett, Edward J., and Taylor. 2,676,960.
Luther, Herbert G. 2,698,004.
Miskel, John J., and Umbdenstock, and Woodward. 2,688,568.
Pasternack, Richard. 2,698,323.
Stieg, William E., and Nielsen. 2,693,435.
Tanner, Fred W., Jr., Davisson, Finlay, and Kane. 2,689,854.
Tanner, Fred W., Jr., Lynch, and Routien. 2,691,618.
- Pfeger, Kenneth W.: *See—*
Gilman, George W., and Pfeger. 2,694,140.
- Pfuntner, Richard A., Saugus, Mass., assignor to General Electric Company. Remote indicating system. 2,669,678, Feb. 16.
- Phair, Robert J., and R. C. Platow, to Bell Telephone Laboratories, Inc. 2,688,582, Cl. 154—125.
- Phane, Walter J., to The Goodyear Tire & Rubber Co. 2,698,020, Cl. 135—1.
- Phaneuf, Wilrose J., to The Lapointe Machine Tool Co. 2,697,271, Cl. 29—95.1.
- Phantom Dial Company, assignee: *See—*
Gibbs, William D. 2,675,467.
- Phares, Robert D., Phoenix, Ariz. Speed change pulley for drill presses. 2,666,332, Jan. 19.
- Phares, Robert D. 2,689,484, Cl. 74—230.17.
- Phares, Thomas E.: *See—*
Chambers, John E., and Phares.
- Pharis, William W.: *See—*
Kessler, Frank, and Pharis.
Kessler, Frank, and Pharis. 2,685,617.
- Pharis, William W., Rochester, N. Y., assignor to Stromberg-Carlson Company. Automatic telephone system selector with message rate meter control. 2,669,607, Feb. 16.
- Pharis, William W., assignor to Stromberg-Carlson Company. 2,678,355, Cl. 179—27.
- Pharis, William W., to Stromberg-Carlson Co. 2,684,407, Cl. 179—18.
- Pharis, William W., to Stromberg-Carlson Co. 2,685,616, Cl. 179—18.
- Pharis, William W., to Stromberg-Carlson Co. 2,691,068, Cl. 179—27.
- Pharma-Craft Corp., The: *See—*
Howell, Charles A. 2,693,983.
- Pharo, Merritt C., to Johnson's Co. Ltd. 2,695,707, Cl. 209—2.
- Phelan, Dewey. 2,690,514, Cl. 310—153.
- Phelan, George A., to Bendix Aviation Corp. 2,695,966, Cl. 307—57.
- Phelon, Russell E. 2,697,804, Cl. 317—159.
- Phelps, Allen S., S. A. Muller, and J. R. D. McCormick, to American Cyanamid Co. 2,691,667, Cl. 167—81.
- Phelps, Alva W., Kentworth, Ill., assignor to The Oliver Corporation. Antifriction worm gearing mechanism. 2,673,473, Mar. 30.
- Phelps, Byron E., assignor to International Business Machines Corporation. 2,678,173, Cl. 242—75.
- Phelps, Clyde H.: *See—*
Weaver, Ira A., and Phelps.
- Phelps, Edwin. 2,695,093, Cl. 197—179.
- Phelps, Ernest A.: *See—*
Matlock, Robert W., and Phelps. 2,694,924.
- Phelps, Helen L., Arlington, Va. Rayless visor. 2,673,118, Mar. 23.
- Phelps, James C., Woodcliff Lake, N. J., D. Mandato, Jr., Yonkers, N. Y., and J. A. Spencer, deceased (by A. R. Spencer, administratrix), Teaneck, N. J., assignors to Radio Corporation of America. Signaling code converter. 2,673,236, Mar. 23.
- Phelps, Walter A., assignor to Bell Telephone Laboratories, Incorporated. 2,676,203, Cl. 178—66.
- Phelps, William H., Ralston, Nebr. Adjustable frame power mower. 2,664,685, Jan. 5.
- Phelps, William M., to Chatsworth Mfg. Co. 2,685,725, Cl. 26—67.
- Phenice, Warren. 2,687,681, Cl. 97—46.95.
- Pheulpin, Albert. 2,692,431, Cl. 32—5.
- Philadelphia Gear Works, Inc.: *See—*
Kron, Harold O. 2,694,320.
- Philadelphia Quartz Co.: *See—*
Baker, Chester L., and Sams. 2,681,290.
Kreyling, Robert L.
Merrill, Reynold C. 2,689,245.
- Philadelphia Valve Co.: *See—*
Jensen, James A. 2,692,617.
Jensen, James A. 2,696,361.
- Philbrick, Frank H. 2,696,792, Cl. 104—12.
- Philbrick, Frank H. 2,696,971, Cl. 254—121.
- Phileo Corp.: *See—*
Alter, Albert R.
Blough, Ronald S. 2,682,935.
Bocciarelli, Carlo V.
Boothroyd, Wilson P. 2,680,151.
Boothroyd, Wilson P., and Creamer. 2,680,153.
Bradley, William E. 2,681,391.
Bradley, William E. 2,689,269.
Bradley, William E. 2,689,927.
Bradley, William E. 2,696,520.
Bradley, William E., and Tellier. 2,678,386.
Burgett, Monte I., Jr. 2,682,366.
Creamer, Edgar M., Jr. 2,674,651.
Creamer, Edgar M., Jr. 2,680,152.
Creamer, Edgar M., Jr. 2,681,381.
Creamer, Edgar M., Jr., and Partin.
Devery, Michael H. 2,684,884.
Eland, Robert C. A.
Grinnell, Richard C. 2,690,651.
Kramer, William F. 2,691,273.
Marsey, John L., and Ryan. 2,690,524.
McCoy, Claudius T.
Moore, Robert C.
Moulton, Stephen W.
Sadowsky, Meier. 2,689,804.
Sadowsky, Meier, and Groner. 2,689,830.
Schaefer, Harold W. 2,674,991.
Schaefer, Harold W. 2,691,872.
Shoemaker, Malcolm G.
Shoemaker, Malcolm G. 2,675,684.
Shoemaker, Malcolm G. 2,692,482.
Shoemaker, Malcolm G. 2,694,297.
Staebler, Lloyd A. 2,693,679.
Staebler, Lloyd A., and Banerji. 2,687,020.
Sunstein, David E. 2,677,763.
Sunstein, David E. 2,688,744.
Sunstein, David E. 2,695,356.
Thompson, Elmer O.
Tiley, John W.
Tourtellot, John A. 2,676,805.
Zearfoss, Elmer W., Jr. 2,678,545.
Zearfoss, Elmer W., Jr. 2,679,731.
Zearfoss, Elmer W., Jr. 2,685,780.
Zearfoss, Elmer W., Jr. 2,697,331.
- Philibosian, Stephen, O. R. Rowe, and W. J. Stolp, assignors to R. H. Bouigny, Inc. 2,678,522, Cl. 51—139.
- Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus and cabinet structure. 2,666,302, Jan. 19.
- Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Compressor cooling in refrigerating apparatus. 2,672,736, Mar. 23.
- Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation. 2,675,687, Cl. 62—117.3.
- Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation. 2,675,937, Cl. 220—4.
- Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation. 2,679,141, Cl. 62—3.
- Philips Laboratories, Inc., assignee: *See—*
Levi, Roberto.
- Philips, Richard T., Seattle, Wash. Resilient vise-jaw faceplate having magnetic insert of lesser thickness. 2,666,352, Jan. 19.
- Phillipps, Ian H., to Humphreys & Glasgow Ltd. 2,682,444, Cl. 23—2.

- Phillips, Arthur H.: *See*—
 Pattison, Donald R., and Phillips. 2,694,780.
 Phillips, Benjamin. 2,682,883. Cl. 137—88.
 Phillips, Benjamin A., to Servel, Inc. 2,691,281. Cl. 62—119.5.
 Phillips, Bobby S., assignee: *See*—
 Antoski, Arnold J.
 Phillips, Bernard C., assignor to The Tillotson Manufacturing Company, Toledo, Ohio. Charge forming device. 2,670,189. Feb. 23.
 Phillips, Charles C. 2,676,681. Cl. 189—90.
 Phillips, Clair A., Waco, Tex. Prearranged card dealing device. 2,666,645. Jan. 19.
 Phillips, Clair W. 2,679,812. Cl. 109—59.
 Phillips, Curt M., Rudyard, assignor of twenty per cent to J. J. Wuerthner, Great Falls, Mont. Pneumatic attachment for grain harvesting machines. 2,670,586. Mar. 2.
 Phillips, Dorothea S., assignor to American Cyanamid Company. 2,675,338. Cl. 154—110.
 Phillips, Dorothea S., to American Cyanamid Co. 2,684,344. Cl. 260—17.3.
 Phillips, Edwin N.: *See*—
 Williams, Winston F., and Phillips.
 Phillips, Eric T. A., and J. Needham, to Muirhead & Co. Ltd. 2,686,874. Cl. 250—36.
 Phillips, Everett D., deceased; R. W. Phillips, executrix of E. D. Phillips. 2,678,168. Cl. 241—47.
 Phillips, Fae C., assignor to International Harvester Company. 2,677,147. Cl. 16—174.
 Phillips, Floyd S., assignor to Schlumberger Well Surveying Corporation. 2,674,699. Cl. 250—83.6.
 Phillips, Fred C. 2,682,714. Cl. 36—59.
 Phillips, Freeman J., and R. Smith, Pittsburgh, Pa., assignors to United States Steel Corporation. Chromium-titanium steel adapted for sealing to glass. 2,672,414. Mar. 16.
 Phillips, George H. 2,694,777. Cl. 246—171.
 Phillips, Harold P., assignor to Hastings Manufacturing Company. 2,677,977. Cl. 80—51.
 Phillips, Henry W., to American Machine & Foundry Co. 2,686,053. Cl. 273—43.
 Phillips, Holland C. 2,678,121. Cl. 193—4.
 Phillips, James H.: *See*—
 Glassmire, William F., and Phillips.
 Phillips, James M., assignor to Phillips Mine and Mill Supply Company. 2,677,575. Cl. 298—38.
 Phillips, John W. 2,693,182. Cl. 128—208.
 Phillips, John W., Kenosha, Wis., and J. A. Roush, Evanston, Ill., assignors to Cooper's, Incorporated. Kenosha, Wis. Flaw detector for knitting machines. 2,669,107. Feb. 16.
 Phillips, Lafayette P. 2,688,815. Cl. 43—12.
 Phillips, Laverne V. 2,692,169. Cl. 304—29.
 Phillips, Leonard R.: *See*—
 Kurth, Franz J., and Phillips. 2,684,024.
 Phillips, Leonard R., to Anemostat Corp. of America. 2,687,076. Cl. 98—41.
 Phillips Mine and Mill Supply Company, assignee: *See*—
 Phillips, James M. 2,677,575.
 Phillips, N. Paley: *See*—
 Lacher, Karl K. 2,698,115.
 Phillips, Ollie W. 2,690,624. Cl. 40—11.
 Phillips Petroleum Co.: *See*—
 Alexander, Cruzan, and Whaley. 2,684,290.
 Alleman, Carl E.
 Asbury, Howard C.
 Atkinson, Robert G. 2,683,972.
 Ayres, Elwyn C.
 Barton, Hugh M., Jr. Re. 23,877.
 Bearer, Louis C. 2,675,999.
 Bearer, Louis C. 2,689,047.
 Benedict, Bruce C., Jr. 2,696,459.
 Benz, George R. 2,695,837.
 Bergman, William E.
 Bethea, Charles F. 2,676,909.
 Bethea, Charles F. 2,685,560.
 Bethea, Charles F. 2,691,009.
 Blair, Allen H. 2,689,209.
 Bottenberg, Kenneth C. 2,690,989.
 Box, E. O., Jr. 2,693,496.
 Boyer, Lee H. 2,692,294.
 Britton, Sylvester C., and Schirmer. 2,683,961.
 Brooke, Jesse M. 2,698,224.
 Brown, Raymond R. 2,675,533.
 Bubb, Frank W. 2,698,133.
 Buell, Charles K.
 Carney, Samuel C.
 Carpenter, Paul G. 2,679,157.
 Carpenter, Paul G. 2,680,486.
 Carpenter, Paul G. 2,680,487.
 Carpenter, Paul G. 2,694,923.
 Carr, Donald E. 2,677,930.
 Chandler, Alanson W. 2,690,917.
 Church, J. Frank. 2,692,702.
 Cines, Martin R. 2,682,448.
 Cines, Martin R. 2,691,052.
 Cines, Martin R. 2,692,227.
 Cines, Martin R. 2,695,321.
 Cines, Martin R., and Hogan. 2,696,497.
 Cines, Martin R., and Roach. 2,676,873.
 Clark, Alfred. 2,689,252.
 Phillips Petroleum Co.: *See*—Continued.
 Condon, Francis E.
 Crask, James A., and McIntire. 2,687,343.
 Crombans, John S., and Carter. 2,696,495.
 Crouch, Willie W. 2,686,171.
 Crouch, Willie W., and Crosnoe. 2,688,009.
 Crouch, Willie W., and Reynolds. 2,687,444.
 Crouch, Willie W., and Werkman. 2,676,973.
 Crouch, Willie W., and Werkman. 2,682,551.
 Cutforth, Howard G. 2,674,320.
 Cutsinger, Elie, and Watson. 2,683,991.
 De Boisblanc, Deslonde R. 2,679,746.
 De Boisblanc, Deslonde R. 2,691,303.
 De Boisblanc, Deslonde R., and Malick. 2,688,875.
 Dolezal, Edward, Hays, McCullough, and Hachmuth.
 Donovan, Harry T. 2,674,440.
 Dutcher, Harris A. 2,682,497.
 Dutcher, Harris A. 2,698,350.
 Eddy, William R. 2,696,083.
 English, Paul. 2,682,278.
 Fanning, Robert J. 2,692,872.
 Farrow, Howard L. 2,696,475.
 Findlay, Robert A. 2,674,563.
 Findlay, Robert A. 2,683,178.
 Findlay, Robert A. 2,684,933.
 Findlay, Robert A. 2,685,555.
 Findlay, Robert A. 2,689,211.
 Findlay, Robert A. 2,689,874.
 Findlay, Robert A. 2,692,225.
 Findlay, Robert A. 2,694,038.
 Findlay, Robert A. 2,698,282.
 Findlay, Robert A. 2,698,321.
 Findlay, Robert A., and Weedman. 2,676,167.
 Fryling, Charles F., and Follett. 2,685,576.
 Fryling, Charles F., and Follett. 2,686,165.
 Gagle, Duane W. 2,691,621.
 Garretson, Owen L., and Henneman.
 Gilmore, Forrest E. 2,689,112.
 Gilmore, Forrest E. 2,695,836.
 Gilmore, Forrest E. 2,696,304.
 Glayzer, James R. 2,689,142.
 Goldtrap, Walter A.
 Gomory, Paul L. 2,691,687.
 Gomory, Paul L. 2,696,306.
 Goodhue, Lyle D.
 Goodhue, Lyle D., and Tissol.
 Groebe, John L. 2,680,675.
 Hachmuth, Karl H. 2,685,556.
 Hachmuth, Karl H. 2,692,903.
 Hachmuth, Karl H., and Jones. 2,688,853.
 Hachmuth, Karl H., and McIntire. 2,689,875.
 Harney, Ervin C.
 Hays, George E. 2,694,002.
 Heller, Frank J. 2,688,647.
 Helmers, Carl J. 2,693,441.
 Hepp, Harold J. 2,694,096.
 Hillyer, John C. 2,687,419.
 Hillyer, John C., and Nicewander. 2,683,151.
 Hillyer, John C., and Nicewander. 2,689,040.
 Hillyer, John C., and Edmonds. 2,692,892.
 Himel, Chester M., and Edmonds. 2,683,175.
 Himel, Chester M., and Edmonds. 2,690,440.
 Hintze, Alma J. 2,691,939.
 Hutchins, Joseph W.
 Hyer, William F. 2,688,195.
 Hyer, William F., Kline, and Upham. 2,681,904.
 Johnson, Paul H.
 Jones, Edward L. 2,697,032.
 Jones, Rufus V. 2,678,947.
 Jones, Rufus V. 2,686,779.
 Jones, Rufus V. 2,688,611.
 Jones, Rufus V. 2,689,244.
 Jones, Rufus V. 2,693,461.
 Jones, Rufus V. 2,697,093.
 Kaveler, Herman H.
 Kelley, Carl S. 2,697,881.
 Kelly, Harold S. 2,698,057.
 Kerr, Arthur N. 2,683,582.
 Kilpatrick, Myron O. 2,680,706.
 Kittredge, George D. 2,696,708.
 Lassiter, Joseph B., Jr. 2,696,169.
 Lea, Peggy J. 2,684,720.
 Legatski, Harold R. 2,690,060.
 Lupfer, Dale E., Kleinmann, and Eddy.
 Lynch, Charles S. 2,695,283.
 Mahan, John E. 2,689,867.
 Mahan, John E., and Rothlisberger. 2,682,545.
 Mahan, John E., and Turk. 2,688,619.
 Mahan, John E., and Turk. 2,695,292.
 Malick, Emil A. 2,685,168.
 Malick, Emil A. 2,696,831.
 Marsden, Ross S., Jr. 2,676,196.
 Mathis, Clyde H., Van Perry, and McCombs. 2,696,464.
 Mathy, Eugene V. 2,695,262.
 Mayland, Bertrand J. 2,683,656.
 Mayland, Bertrand J. 2,684,895.
 Mayland, Bertrand J. 2,691,573.
 McBride, John A. 2,695,316.
 McCollom, Kenneth A., and de Boisblanc. 2,695,987.
 McCullough, Gerald W.
 McIntire, Robert L.

Phillips Petroleum Co.: *See*—Continued.

- McKay, Dwight L. 2,679,465.
 McKay, Dwight L. 2,679,539.
 McMillan, Fred L., Jr. 2,689,336.
 Milam, Paul B. 2,691,539.
 Miller, Elmer C. 2,685,649.
 Moberly, Charles W. 2,682,336.
 Montgomery, Orin C. 2,695,395.
 Morris, William L. 2,691,300.
 Nalick, Emil A. 2,674,091.
 Nisle, Robert G., and Poettmann. 2,679,212.
 Oberlin, Lyman M. 2,691,223.
 O'Neil, John P., and Brooke. 2,678,954.
 Pankratz, Howard J. 2,697,984.
 Peck, Alvin W. 2,691,358.
 Perry, Charles W. 2,682,447.
 Peterson, Glen.
 Pierce, Weller R.
 Pietz, Raymond G. 2,679,205.
 Pitzer, Emory W.
 Pryor, Robert C., and Hebard. 2,684,575.
 Reynolds, William B., Wicklatz, and Kennedy.
 Richardson, Allan S., Jr. 2,678,812.
 Ribble, Jack M., Fox, and Edmunds. 2,697,652.
 Robinson, Sam P. 2,680,278.
 Robinson, Sam P. 2,680,692.
 Robinson, Sam P. 2,683,653.
 Robinson, Sam P. 2,685,528.
 Rush, Elton E. 2,684,838.
 Rush, Elton E. 2,685,151.
 Rush, Elton E. 2,696,307.
 St. Clair, Theodore A. 2,678,799.
 St. John, Willard M., Jr. 2,682,530.
 Schirmer, Robert M., Quigg, and Britton. 2,688,840.
 Schmidt, Joachim.
 Shelton, Russell O., and Dale. 2,689,819.
 Simms, Russell K.
 Slover, James W. 2,696,305.
 Snoddy, William J. 2,696,185.
 Stoops, Forrest D. 2,695,325.
 Stormont, Joseph E.
 Studebaker, Merton L. 2,690,389.
 Svetlik, Joseph F. 2,698,310.
 Talbert, Norwood K.
 Tissol, Carolyn E., and Goodhue. 2,697,680.
 Tooke, James W. 2,679,472.
 Troyan, James E., and Chapman. 2,684,357.
 Tucker, Charles M. 2,688,605.
 Upham, John D. 2,680,595.
 Upham, John D. 2,695,219.
 Uraneck, Carl A., and Landes. 2,679,497.
 Uraneck, Carl A., and Landes. 2,694,053.
 Uraneck, Carl A., and Sonnenfeld. 2,697,700.
 Vance, Frank P. 2,680,676.
 Wagner, Cary R. 2,689,855.
 Weber, Louis J.
 Weedman, John A. 2,695,322.
 Weedman, John A. 2,696,510.
 Whitney, William B.
 Wicklatz, John E. 2,680,138.
 Wicklatz, John E., and Smith. 2,682,529.
 Wiley, Bruce F. 2,697,192.
 Ziege, Norman E. 2,675,793.
- Phillips, Ralph S., to the United States of America as represented by the Secretary of the Navy. 2,682,656, Cl. 343—7.
 Phillips, Richard L., assignor to Bill Jack Scientific Instrument Company. 2,677,800, Cl. 323—89.
 Phillips, Richard W., and W. T., and N. J. Schaack. 2,694,402, Cl. 134—46.
 Phillips Rotary Joint & Valve Corp.: *See*—
 De Phillips, Paul. 2,696,968.
 Phillips, Rubye W., executrix: *See*—
 Phillips, Everett D. 2,678,168.
 Phillips Screw Company, assignee: *See*—
 Torr, John M.
 Phillips, Silas I. 2,680,854, Cl. 4—111.
 Phillips, Stanley L., to Wedge Protectors, Inc. 2,681,028, Cl. 113—111.
 Phillips, Stanley L., to Wedge Protectors, Inc. 2,691,992, Cl. 138—96.
 Phillips, Thomas R., to International Telephone and Telegraph Corp. 2,682,018, Cl. 317—101.
 Phillips, Washington H., assignor to Armstrong Cork Company. 2,674,545, Cl. 117—100.
 Phillips, Washington H., to Armstrong Cork Co. 2,698,253, Cl. 106—127.
 Phillips, William E., Jr., to Leeds and Northrup Co. 2,690,078, Cl. 73—355.
 Phillips, William F. 2,674,349, Cl. 188—3.
 Phillips, Wilmer T.: *See*—
 Phillips, Richard W. and W. T., and Schaack. 2,694,402.
 Philpott, La Verne R., Washington, D. C. Axis control for guided missiles. 2,670,158, Feb. 23.
 Phin Sales Co.: *See*—
 Phin, Sidney R., and Caulford. 2,681,743.
 Phin, Sidney R., and Caulford. 2,683,549.
 Phin, Sidney R., and D. A. Caulford, to Phin Sales Co. 2,681,743, Cl. 216—55.
 Phin, Sidney R., and D. A. Caulford to Phin Sales Co. 2,683,549, Cl. 216—57.

- Phipps, George S., to Bell Telephone Laboratories, Inc. 2,685,893, Cl. 138—25.
 Phipps, Herman, Montebello, Calif. Oil burner. 2,667,384, Jan. 26.
 Phoenix Closet Accessories, Inc.: *See*—
 Marks, Saul H. 2,689,631.
 Phoenix Engineering & Mfg. Company, assignee: *See*—
 Gray, Charles E.
 Phoenix Glass Co., The: *See*—
 Mathews, William N. 2,689,433.
 Photo Research Corporation, assignee: *See*—
 Crandell, Frank F. 2,674,154.
 Photostat Corp.: *See*—
 Caps, Arthur W. 2,688,898.
 Rittinger, Adam N.
 Phreaner, Ellis H., Los Angeles, assignor of one-third to H. C. White, Pasadena, Calif. Composite rubber and resinous plastic materials and making same. 2,668,789, Feb. 9.
 Phreaner, Ellis H., $\frac{1}{3}$ to H. C. White. 2,693,986, Cl. 308—4.
 Phyfe, James D.: *See*—
 Byrd, John F., and Phyfe. 2,676,272.
 Byrd, John F., and Phyfe. 2,691,160.
 Phyl, Joseph, to Research Corp. 2,696,895, Cl. 183—81.
 Physiological Chemicals Co.: *See*—
 Ruskin, Simon L. 2,676,961.
 Ruskin, Simon L. 2,684,323.
 Piacenza, Giorgio, assignor to Trasformazioni Tessili S. r. l. 2,677,826, Cl. 2—115.
 Piasecki Helicopter Corp.: *See*—
 Dancik, Paul J.
 Vanderlip, Edward G. 2,684,212.
 Piazza, Thomas E., assignor, by mesne assignments, to Continental Can Company, Inc. 2,676,443, Cl. 53—144.
 Piazza, Thomas E., to Continental Can Co., Inc. 2,682,910, Cl. 154—42.
 Picand, Roland, and P. Cayère. 2,683,301, Cl. 29—48.
 Picanol, Jaime. 2,681,078, Cl. 139—79.
 Picanol, Jaime. 2,681,079, Cl. 139—89.
 Picanol, Jaime. 2,681,080, Cl. 139—110.
 Picard, John B., to The National Supply Co. 2,682,892, Cl. 137—788.
 Picard, Robert G., assignor to Radio Corporation of America. 2,676,198, Cl. 174—152.
 Picard, John A., assignor to E. I. du Pont de Nemours & Company. 2,676,128, Cl. 154—101.
 Picha, George M., to G. D. Searle & Co. 2,694,069, Cl. 260—294.3.
 Pichler, Helmut R., and M. C. Chervenak, to Hydrocarbon Research, Inc. 2,692,902, Cl. 260—679.
 Pichler, Joseph R., assignor to General Motors Corporation, Dayton, Ohio. Open top display case with slidable hood. 2,669,851, Feb. 23.
 Pichler, Joseph R., to General Motors Corp. 2,686,405, Cl. 62—89.5.
 Pichler, Joseph R., to General Motors Corp. 2,690,650, Cl. 62—89.5.
 Pick, Eric: *See*—
 Carlsson, Gust R., and Pick. 2,680,714.
 Davis, Jesse B., and Pick. 2,677,390.
 Pickands Mather & Co., assignee: *See*—
 Royster, Percy H.
 Pickard, Edwin C., assignor to Ford Motor Company. 2,677,572, Cl. 296—28.
 Pickard, Sydney J., and D. E. Ware, to Smith's Jacking Systems Ltd. 2,693,150, Cl. 103—174.
 Pickels, Edward G., Palo Alto, assignor to Specialized Instruments Corporation, Belmont, Calif. Centrifuge apparatus. 2,666,572, Jan. 19.
 Pickels, Edward G., Palo Alto, assignor to Specialized Instruments Corporation, Belmont, Calif. Centrifuge apparatus. 2,670,898, Mar. 2.
 Pickens, William A., assignor to Consolidated Vultee Aircraft Corporation. 2,675,992, Cl. 254—190.
 Picker, Harold J., Mechanicsburg, Ohio. Detachable platform for small boats. 2,669,733, Feb. 23.
 Picker X-Ray Corp., Waite Mfg. Division: *See*—
 Ball, Jack. 2,681,417.
 Bastin, Edgar J.
 Goldfield, Edwin R., and Stava.
 Goldfield, Edwin R., Stava, and Bastin.
 Stava, Robert J. 2,680,046.
 Stava, Robert J., and Reiningner.
 Pickering, Ian J., assignor to The General Electric Company Limited. 2,676,231, Cl. 219—8.
 Pickering, Ian J., to The General Electric Co. Ltd. 2,682,597, Cl. 219—8.
 Pickering, John R.: *See*—
 Pickering, Thomas E. and J. R.
 Pickering, Thomas E. and J. R., London, England. Drinking vessel. 2,671,326, Mar. 9.
 Pickert, Mark, assignor to The New York Air Brake Company. 2,678,242, Cl. 303—68.
 Pickett, Andrew B. 2,687,016, Cl. 61—37.
 Pickett, Charles F., and M. Rosenfeld. 2,680,137, Cl. 260—584.
 Pickles, Joseph, to Hupp Corp. 2,682,780, Cl. 74—424.8.
 Pickman, Edgard, to Compagnie Internationale des Pieux Armés Frankignoul, Société Anonyme. 2,684,576, Cl. 61—57.
 Pidacks, Charles: *See*—
 Winterbottom, Robert, Eichler, and Pidacks.

- Piekarski, Leon T.: *See*—
Ebaugh, Paul, and Piekarski. 2,684,726.
- Piel, Gérard J. R.: *See*—
Gloess, Paul F. M., and Piel. 2,689,683.
Raymond, François H., and Piel.
- Pielstick, Gustav. 2,677,356, Cl. 123—32.
- Pielstick, Gustav. 2,682,365, Cl. 230—209.
- Pielstick, Gustav. 2,685,870, Cl. 123—32.
- Pien, Hsia-Si, Drexel Hill, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring and expander therefor. 2,668,088, Feb. 2.
- Pien, Hsia-Si, Drexel Hill, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 2,670,256, Feb. 23.
- Pieper, Alphonse F. 2,683,346, Cl. 57—125.
- Pieper, Chester R. 2,678,706, Cl. 189—92.
- Pieper, George F., Jr.: *See*—
Cohen, Martin J., Wachtell, and Pieper. 2,677,762.
- Piepmeyer, Joseph A.: *See*—
Shields, William H., and Piepmeyer. 2,695,250.
- Pier, Mauricio: *See*—
Kahn, Julio, Pier, and MacKinney. 2,690,069.
- Pierac, Eugene J. (Pieraccioni): *See*—
Pieraccioni, Eugene J. 2,685,270.
- Pieraccioni, Eugene J., dit Pierac, to Coco Rico Inc. 2,685,270, Cl. 115—22.
- Pierce, Albert D.: *See*—
Wagner, Frederick A., and Pierce.
- Pierce, Alfred F., assignor to American Manufacturing Company, Inc., Tacoma, Wash. Panel trim apparatus with orienting feed means. 2,664,927, Jan. 5.
- Pierce, Clayton B., Port Chester, assignor to Emerol Manufacturing Co., Inc., New York, N. Y. Lubricating device for internal-combustion engines. 2,668,525, Feb. 9.
- Pierce, Donald A.: *See*—
Daily, Arthur M., Arisman, and Pierce. 2,695,933.
- Pierce, Earl R. 2,693,686, Cl. 65—15.
- Pierce, Earl W., and M. Skunda, to General Motors Corp. 2,685,059, Cl. 324—15.
- Pierce, Earl W., and R. C. Wampole, to General Motors Corp. 2,685,060, Cl. 324—15.
- Pierce, Edwin B., to All American Engineering Co. 2,692,096, Cl. 244—101.
- Pierce, Ernest P., South Gate, Calif. Tool adapter for lathes. 2,665,605, Jan. 12.
- Pierce, Eugene C. 2,688,311, Cl. 119—156.
- Pierce, Frank L., assignor to Aircraft-Marine Products Inc. 2,680,235, Cl. 339—97.
- Pierce, Frank L., to Aircraft-Marine Products Inc. 2,692,422, Cl. 29—155.55.
- Pierce, George W., assignee: *See*—
Murray, Michael F., and Berger.
- Pierce, Harold L., Pasadena, Calif. Structural building element. 2,672,958, Mar. 23.
- Pierce, Harold S., Indianapolis, Ind., assignor to Link-Belt Company. Power transmission chain. 2,669,879, Feb. 23.
- Pierce, Jessie E. 2,697,885, Cl. 35—73.
- Pierce, John A., D. E. Kerr, and J. C. Street, to the United States of America as represented by the Secretary of the Navy. 2,689,346, Cl. 343—103.
- Pierce, John B., Foundation: *See*—
Ahlbeck, Richard A. 2,684,812.
Cataldo, John B. 2,684,470.
Da Fano, Ettore. 2,684,945.
Spear, Norman H.
- Pierce, John R., to Bell Telephone Laboratories, Inc. 2,694,159, Cl. 315—3.
- Pierce, Lawrence: *See*—
Immel, Ralph B., and Pierce. 2,683,506.
Immel, Ralph B., Pierce, and Kmonk.
- Pierce, Lewis H., deceased (R. Pierce, administratrix). 2,693,758, Cl. 103—6.
- Pierce, Norton T., assignor to Polaroid Corporation. 2,674,532, Cl. 95—88.
- Pierce, Ralph A. 2,674,280, Cl. 144—27.
- Pierce, Raymond C. 2,688,480, Cl. 267—58.
- Pierce, Robert L., to E. I. du Pont de Nemours and Co. 2,683,073, Cl. 18—54.
- Pierce, Rose: *See*—
Pierce, Lewis H. 2,693,758.
- Pierce, Virginia B., to Nappies, Inc. 2,694,200, Cl. 2—75.
- Pierce, Wayne M., Jr., assignor to Tey Manufacturing Corporation. 2,676,471, Cl. 62—172.
- Pierce, Weller R., Dumas, Tex., assignor to Phillips Petroleum Company. Apparatus for reforming hydrocarbons. 2,667,410, Jan. 26.
- Piercey, Edward W., Bells, Tenn. Door hook safety latch. 2,665,152, Jan. 5.
- Pierie, Charles G., Huntingdon Valley, Pa. Collapsible clothes hanger. 2,670,855, Mar. 2.
- Pierotti, Gino J.: *See*—
Dunlop, Arthur K., Douslin, and Pierotti. 2,695,217.
- Pierrepont, Donald, to T. M. M. (Research) Ltd. 2,683,516, Cl. 192—135.
- Pierson, Frederick M.: *See*—
Toland, Wayne G., and Pierson. 2,682,822.
- Pierson, Louis A. 2,683,456, Cl. 128—261.
- Pierson, Winferd M., assignor to Mount Emily Lumber Co., La Grande, Oreg. Circular saw assembly. 2,673,580, Mar. 30.
- Piethe, Gerhardt H.: *See*—
Schaeclhlin, Walter, and Piethe. 2,691,756.
- Pietruska, Friedrich: *See*—
Walter, Wilhelm, and Pietruska. 2,684,678.
- Pietsch, Leonard C., Gary, Ind., assignor to Inland Steel Company. Automatic air operated bar turner. 2,666,534, Jan. 19.
- Pietz, Raymond G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Camera assembly for photographing cavity walls. 2,667,109, Jan. 26.
- Pietz, Raymond G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Simulator. 2,673,031, Mar. 23.
- Pietz, Raymond G., assignor to Phillips Petroleum Company. 2,679,205, Cl. 102—20.
- Piffer, Marion J., to Sylvania Electric Products, Inc. 2,693,584, Cl. 339—17.
- Piggott, John, A. F. Whillock, and P. E. Marriott, assignors to Hall Telephone Accessories Limited. 2,677,473, Cl. 214—11.
- Pignato, Gaetano, Brooklyn, N. Y. Refillable broom, brush, and the like. 2,668,972, Feb. 16.
- Pigot, Reginald J. S., to Gulf Research & Development Co. 2,683,303, Cl. 29—106.
- Pike, Andrew J., to Neponset Woolen Mills. 2,686,953, Cl. 28—72.
- Pike, Charles P., to The Dan Dee Pretzel & Potato Chip Co. 2,682,956, Cl. 211—71.
- Pike, Harold S., to Western Electric Co., Inc. 2,688,191, Cl. 33—129.
- Pike, Harold S., to Western Electric Co., Inc. 2,693,644, Cl. 33—129.
- Pike, Harold S., to Western Electric Co., Inc. 2,693,916, Cl. 242—54.
- Pike, Sele S.: *See*—
Hansen, Rolf K., and Pike. 2,674,820.
- Pike, Winthrop S., and J. M. Morgan, assignors to Radio Corporation of America. 2,677,059, Cl. 250—36.
- Pike, Winthrop S., and J. M. Morgan, assignors to Radio Corporation of America. 2,677,098, Cl. 323—74.
- Piker, Herbert M., and W. L. Schultz, assignors to The Hamilton Metal Products Company. 2,679,947, Cl. 220—55.
- Piker, Herbert M., and W. L. Schultz, to The Hamilton Metal Products Co. 2,689,427, Cl. 43—56.
- Piker, Herbert M., and W. L. Schultz, to The Hamilton Metal Products Co. 2,693,661, Cl. 43—56.
- Piki, Josef, Glassboro, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose trisalkylcarbamates and making the same. 2,668,168, Feb. 2.
- Pilas, Frank J., to Radio Corp. of America. 2,686,889, Cl. 313—270.
- Pilch, John S., Ware, Mass. Semirigid mounting for tractors. 2,670,249, Feb. 23.
- Pilch, John S. 2,678,741, Cl. 214—138.
- Pilcher, Karl S., and V. P. Seeberg, assignors to Cutter Laboratories. 2,675,340, Cl. 167—55.
- Pilia, Frank J.: *See*—
Behnke, Edward R., Scheller, and Pilia. 2,685,632.
- Pilkington Brothers Ltd.: *See*—
Cook, Thomas S.
Davison, Richard, and Lightfoot. 2,696,698.
Davison, Richard, and Wynne. 2,691,851.
Grotefeld, Augustus W. 2,680,936.
Jones, Clifford. 2,678,282.
- Pilla, Lucian E., to H. L. McCarthy, as Commissioner of Welfare of the City of New York. 2,686,314, Cl. 2—93.
- Pillar, Joseph S.: *See*—
Riddle, Frederick W., and Pillar.
- Pillars, Miles D.: *See*—
Pelton, George E. 2,695,092.
- Piller, John F., to The Scholl Mfg. Co., Inc. 2,691,417, Cl. 164—71.
- Pilling Chain Co.: *See*—
Lawson, Birdsall P. 2,675,606.
Okolowicz, Marian A. 2,681,490.
- Pilling, George P., & Son Company, assignee: *See*—
Baker, Elvin E.
- Pilling, Norman B.: *See*—
Millis, Keith D., Gagnebin, and Pilling. 2,675,308.
Millis, Keith D., Gagnebin, and Pilling. 2,690,392.
- Pilling, Rex L. 2,677,516, Cl. 244—103.
- Pillsbury Mills, Inc., assignee: *See*—
Armstrong, Lowell, Willoughby, Morton, and How.
- Pillsbury, Russell. 2,691,307, Cl. 74—242.16.
- Pilot Radio Corporation, assignee: *See*—
Auerbacher, Werner F., and Napolin.
- Pim, Richard A., to Owens-Illinois Glass Co. 2,684,141, Cl. 192—61.
- Pinch, Harry H. 2,682,245, Cl. 114—16.5.
- Pincus, Gregory: *See*—
Hechter, Oscar, Jacobsen, Jeanloz, Levy, Pincus, Schenker, and Marshall.
Jeanloz, Roger, Hechter, Pincus, and Schenker. 2,676,904.
- Pincus, Gregory, and O. Hechter, Worcester, Mass., assignors to G. D. Searle & Co., Chicago, Ill. Biochemical processes for the 11-hydroxylation of steroids. 2,666,015, Jan. 12.
- Pincus, Irving: *See*—
Gallaghan, John A., and Pincus. 2,696,430.
- Pineapple Research Institute of Hawaii: *See*—
Skromme, Arnold B. 2,689,512.

- Pineles, Bernard M., to United Shoe Machinery Corp. 2,691,180, Cl. 12—1.
- Pines, Herman: *See—*
 Ipatieff, Vladimir N., and Pines. 2,694,730.
 Ipatieff, Vladimir N., Pines, and Kvetinskas.
- Pines, Herman, and B. Kvetinskas, assignors to Universal Oil Products Company, Chicago, Ill. Production of alkenylthiophenes. 2,666,765, Jan. 19.
- Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Catalyzed condensation of aromatic compounds with unsaturated organic compounds. 2,670,390, Feb. 23.
- Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of diarylalkanes. 2,671,815, Mar. 9.
- Pines, Herman, and V. N. Ipatieff, to Universal Oil Products Co. 2,688,044, Cl. 260—668.
- Pingrey, Gwendolyn D.: *See—*
 Oosterhout, Johan C. D., and Pingrey. 2,674,566.
- Pings, Wilbur B.: *See—*
 Kahn, Samuel, and Pings. 2,695,279.
- Pinkston, John T., Jr., to New York Ohio Chemical Corp. 2,688,634, Cl. 260—539.
- Pinkvoss, Berthold P., assignor to The Singer Manufacturing Company. 2,678,010, Cl. 112—214.
- Pinkvoss, Berthold P., Stratford, and S. J. Ketterer, Bridgeport, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Needle stabilizer for sewing machines. 2,669,206, Feb. 16.
- Pinner, Leonard A., $\frac{1}{2}$ to R. A. Gump. 2,688,786, Cl. 25—118.
- Pinney, Eleanor R. 2,684,677, Cl. 128—284.
- Pinotti, Primo L., and M. R. Barusch, to California Research Corp. 2,691,572, Cl. 44—69.
- Pinsenschaum, Edwin C., assignor to The Denison Engineering Company. 2,675,117, Cl. 198—22.
- Pinsenschaum, Edwin C., to The Denison Engineering Co. 2,682,749, Cl. 60—97.
- Pinsky, Jules: *See—*
 Bailey, James, Pinsky, and Reber.
- Pinson, Alfred, assignor to Apex Accessories Co., Inc. 2,677,230, Cl. 59—79.
- Pinson, Alfred, to Apex Accessories Co., Inc. 2,690,049, Cl. 59—79.
- Pinson, Alfred, to Apex Accessories Co., Inc. 2,695,493, Cl. 59—79.
- Pintell, Milton H.: *See—*
 Pollock, Orthello B., Wilson, and Pintell. 2,684,922.
- Pioch, Robert J.: *See—*
 Meyerholtz, Kenneth H., and Pioch. 2,676,533.
- Pioneer Electric and Research Corporation, assignee: *See—*
 Cahill, Bernard S. 2,675,537.
 Davidsmeyer, Orville H., and Eggenesperger. 2,675,535.
 Schlaf, Stanley O. 2,675,536.
- Pioneer Gen-E-Motor Corp.: *See—*
 Burrows, Milford D., Siwek and Goldberg. 2,668,287.
- Pioneer Parachute Co., Inc.: *See—*
 Heinrich, Helmut G. 2,683,575.
- Pioneer Scientific Corp.: *See—*
 Silverman, Eliot N. 2,688,900.
- Pioneer Specialty Co.: *See—*
 Gosline, Frederick V. 2,677,973.
 Gosline, Frederick V. 2,683,967.
 Gosline, Frederick V. 2,688,698.
- Pioneer Steel Ball, Inc.: *See—*
 Clary, Frank A., Jr., and Willis. 2,692,046.
- Pipeline Protection Company, assignee: *See—*
 Crouch, Marshall C., Jr.
- Pipe Linings, Inc.: *See—*
 Matheny, Francis M. 2,681,493.
- Pipe Machinery Co., The: *See—*
 Sawdey, Neil T. 2,679,057.
 Thompson, John, and Benninghoff. 2,690,572.
- Piper, Frank R., and J. M. Gardner, assignors to West Point Manufacturing Company. 2,675,186, Cl. 242—55.
- Piper, Frank R., and J. M. Gardner, to West Point Mfg. Co. 2,682,379, Cl. 242—56.
- Piperno, Guglielmo, Turin, Italy. Water tube boiler. 2,670,721, Mar. 2.
- Pipes, George R., to Eaton Mfg. Co. 2,687,758, Cl. 151—37.
- Pipes, George R., to Eaton Mfg. Co. 2,689,770, Cl. 301—37.
- Pipper, Arnold L., Orange, and W. U. Stemshorn, Westwood, N. J., assignors to Loew's Incorporated, New York, N. Y. Device for trimming the edge of phonograph records. 2,670,645, Mar. 2.
- Piqué, Baudilio J., Marianao, Cuba. Mold to use in centrifugal casting to manufacture reflector members. 2,671,932, Mar. 16.
- Piqué, Baudilio J. 2,674,094, Cl. 60—54.
- Pira, Buddie L., and L. V. Gadal, Santa Ana, Calif. Apparatus for cleaning and curing smoking pipes. 2,666,438, Jan. 19.
- Pirelli-General Cable Works Ltd.: *See—*
 Arman, Adrian N. 2,697,867.
- Pirelli Società per Azioni: *See—*
 Giletta, Dario, Pacciarini, and Zuliani. 2,681,684.
 Vanzo, Marcello. 2,696,866.
- Pirkner, Ignaz, assignor of one-half to Maschinenfabrik Andritz Aktiengesellschaft, Graz-Andritz, Austria. Spring hammer. 2,665,600, Jan. 12.
- Pirman, Anton E.: *See—*
 Romans, John F., and Pirman. 2,690,702.
- Pirman, Edward: *See—*
 Gavilla, Jon R., and Pirman.
- Pirnie, Malcolm, assignor to Research Corporation. 2,676,919, Cl. 210—2.
- Pirone, Frank J., and H. K. Hamann, to Geriatric Utility Bed Corp. 2,691,781, Cl. 5—60.
- Piros, John J., Homewood, Ill., and O. F. Campbell, Whiting, Ind., assignors, by mesne assignments, to Sinclair Oil and Gas Company, Tulsa, Okla. Gas burner and burning gas in oil and gas wells. 2,668,592, Feb. 9.
- Pirz, Joseph J. 2,689,970, Cl. 16—146.
- Pisano, Albert J., to Inter-City Mfg. Co., Inc. 2,687,313, Cl. 281—42.
- Pischel, Werner. 2,678,558, Cl. 73—66.
- Pisciotta, Frank 50% to L. H. Roth. 2,682,878, Cl. 132—40.
- Pistey, George J., to Casco Products Corp. 2,686,378, Cl. 38—77.
- Pistey, John M., to General Electric Co. 2,695,388, Cl. 339—55.
- Pistoles, Lambert R., Wilmington, Del. Gauge. 2,665,495, Jan. 12.
- Pistoles, Lambert R., Wilmington, Del. Gauge. 2,667,700, Feb. 2.
- Pistoles, Lambert R. 2,677,125, Cl. 340—265.
- Pistoles, Lambert R. 2,678,501, Cl. 33—169.
- Pistoles, Lambert R. 2,678,502, Cl. 33—172.
- Pitcairn, Thomas: *See—*
 Ashcroft, Donald G., and Pitcairn.
- Pitkin, Wilfred R.: *See—*
 Dovey, Douglas M., and Pitkin. 2,689,168.
- Pitlik, Hillel: *See—*
 Bachelet, Albert E., and Pitlik.
- Pitman, Alfred T., Atlanta, assignor to Dixie Tallyho, Inc., Fairburn, Ga. Removable combination canopy frame and seat unit for motor vehicles. 2,665,165, Jan. 5.
- Pitman, Arnold C., assignor to Electric Specialty Company. 2,674,710, Cl. 318—207.
- Pitman, Richard W., and F. W. Schlesinger, assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,301, Cl. 88—1.
- Pitman, Thomas J. 2,685,327, Cl. 155—158.
- Pitman, Wayland A., assignor, by mesne assignments, to Chance Vought Aircraft, Incorporated. 2,679,468, Cl. 154—116.
- Pitner, Alphonse W. 2,687,886, Cl. 271—53.
- Pitney-Bowes, Inc.: *See—*
 Bach, John W.
 Kubovy, Joseph V., and Pitney. 2,687,692.
 Russell, Alva G.
- Pitney, Robert A.: *See—*
 Kubovy, Joseph V., and Pitney. 2,687,692.
- Pitrot, Adrian R., Unioneale, assignor to National Lead Company, New York, N. Y. Composite lead chromate-lead silicate pigment. 2,668,122, Feb. 2.
- Pitt, Arnold, Weston, Ontario, and L. F. Knight, assignors to Massey-Harris Company Limited, Toronto, Ontario, Canada. Method and apparatus for forming crankshafts. 2,669,637, Feb. 16.
- Pitt, Arnold, Weston, Ontario, and L. F. Knight, assignors to Massey-Harris Co., Ltd., Toronto, Ontario, Canada. Multiform internal-combustion engine. 2,671,436, Mar. 9.
- Pitt, Burnett M.: *See—*
 Wagner, Edward L., and Pitt. 2,688,530.
- Pitt, F. Morton, assignee: *See—*
 Pease, Paul M.
- Pitt, Paul A., to Solar Aircraft Co. 2,688,843, Cl. 60—35.6.
- Pittaluga, Giovanni B., assignor to Società Finanziaria Siderurgica Finsider per Azioni. 2,675,705, Cl. 73—404.
- Pittaluga, Louis. 2,696,396, Cl. 287—54.
- Pittman, Ralph R., and P. G. Whitmore; said Whitmore assor. to said Pittman. 2,695,391, Cl. 339—109.
- Pittsburgh Coke & Chemical Co.: *See—*
 Young, James W., and Hensel. 2,692,891.
- Pittsburgh Consolidation Coal Co.: *See—*
 Gorin, Everett. 2,682,455.
 Gorin, Everett. 2,682,456.
 Gorin, Everett. 2,682,457.
 Gorin, Everett. 2,682,458.
 Gorin, Everett, and Neuworth.
 Jones, Sam A.
 Jones, Sam A., and Reichl.
 Welinsky, Irving H. 2,677,650.
- Pittsburgh Corning Corp.: *See—*
 Ford, Walter D. 2,691,248.
 Kallenborn, John, Shoemaker, and Johnson. 2,697,312.
 Nevins, Donald L. 2,683,906.
- Pittsburgh-Des Moines Company, assignee: *See—*
 Lindberg, Harry E.
- Pittsburgh-Erie Saw Corporation, assignee: *See—*
 Lamison, William F. 2,677,218.
 Schmidt, Conrad. 2,679,874.
- Pittsburgh Plastic Products, Inc.: *See—*
 Luster, Carl J., and Brown. 2,693,102.

- Pittsburgh Plate Glass Co.: *See—*
 Ackerman, Robert L. 2,689,803.
 Bader, Alfred R. 2,693,477.
 Bader, Alfred R. 2,693,478.
 Black, Lloyd V., and Atkeson. 2,697,676.
 Christenson, Roger M. 2,679,503.
 Cummings, Lowell O., Vogel, and Bader. 2,693,476.
 Cummings, Lowell O., Vogel, and Bader. 2,693,484.
 Dennison, Brook J., Keim, and Smith.
 D'Eustachio, Dominic. 2,686,342.
 Duncan, James E., and Seymour. 2,683,666.
 Duncan, James E., and Smith.
 Duncan, James E., and Smith. 2,693,422.
 Englehart, Oscar D. 2,684,266.
 Freiberg, James M. 2,684,153.
 Gerhart, Howard L.
 Gerhart, Howard L. 2,689,232.
 Gerhart, Howard L. 2,689,240.
 Hohmann, Frederick R. 2,688,469.
 Hoya, Wallace K. 2,689,233.
 Hoyet, Eugene, and Painter.
 Junge, Albert E. 2,695,247.
 Maze, Andrew. 2,677,436.
 McKenna, James F. 2,689,231.
 Orr, Leighton E.
 Parker, Earl E.
 Parker, Earl E. 2,676,947.
 Parker, Earl E. 2,698,312.
 Pryor, Richard R. 2,692,654.
 Raymond, Richard F. 2,688,565.
 Raymond, Richard F. 2,691,323.
 Sherts, James H. 2,679,467.
 Smith, John J.
 Tarnopol, Milton S. 2,694,649.
 Tarnopol, Milton S. 2,694,761.
 West, George L.
- Pittsburgh Steel Co.: *See—*
 Westbrook, Leon R., and Roehl. 2,684,937.
- Pittsburgh Waterproof Company, assignee: *See—*
 Obitz, Samuel A.
- Pittwell, Laurence R.: *See—*
 Reynolds, Peter W., and Pittwell. 2,694,049.
- Pitzen, Sylvester A.: *See—*
 Achberger, Eldon E. 2,690,746.
- Pitzer, Emory W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Preparation of iron dehydrogenation catalysts. 2,666,086, Jan. 12.
- Pitzer, Joseph L.: *See—*
 Lohre, Ralph G., and Pitzer. 2,676,633.
 Lohre, Ralph G., and Pitzer. 2,682,832.
- Pitzipio, George O. 2,696,187, Cl. 114—208.
- Pixler, Harold A. 2,683,940, Cl. 34—232.
- Pizzuri, John F., Hamtramck, Mich. Archery sight. 2,669,023, Feb. 16.
- Place, Charles I. 2,674,137, Cl. 74—688.
- Place, Robert, assignor to The Barre Wool Combing Company, Ltd. 2,674,013, Cl. 19—158.
- Plack, Roy M.: *See—*
 Deline, Edwin F., and Plack. 2,675,167.
- Placke, Everett H.: *See—*
 Goodbar, Mayo A., Placke, and Falkner. 2,696,944.
 Goodbar, Mayo A., Placke, and Falkner. 2,698,138.
- Pladeveya Capdevila, Francisco, $\frac{1}{2}$ to S. T. Fornells. 2,685,785, Cl. 66—13.
- Plakas, Nicholas J. 2,685,860, Cl. 116—134.
- Plambeck, Peter D., to Armour and Co. 2,686,708, Cl. 8—94.11.
- Planalp, Eldon W., Cincinnati, Ohio. Four-wheel cable controlled steering mechanism. 2,673,091, Mar. 23.
- Planamatic Corp.: *See—*
 Oding, Carl A. 2,690,052.
- Plank, Charles J., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Cracking catalyst reactivation. 2,668,798, Feb. 9.
- Plank, Charles J., S. J. Lukasiewicz, and L. C. Drake, to Socony-Vacuum Oil Co., Inc. 2,698,305, Cl. 252—454.
- Plant, Leland G., Edenton, N. C. Rotary side delivery rake. 2,670,588, Mar. 2.
- Plant, Leland G., Edenton, N. C. Hopper car evacuator. 2,673,651, Mar. 30.
- Plas, Ralph J., to Blaw-Knox Co. 2,685,777, Cl. 61—63.
- Plaskon, John: *See—*
 Napier, Stephen E., and Plaskon. 2,680,927.
- Plass, Raymond B., and H. K. Winters, to Ray Oil Burner Co. 2,685,919, Cl. 158—36.
- Plastaras, James C., to Mergenthaler Linotype Co. 2,691,924, Cl. 95—45.
- Plasticase Corp.: *See—*
 Abercrombie, Alexander V. 2,690,593.
- Plastic Binding Corp.: *See—*
 Telfors, Herbert G. 2,692,397.
- Plastic Engineering & Sales Co., assignee: *See—*
 Olson, Goldie R., and Swazey. 2,676,823.
- Plastic Golf Products, Inc.: *See—*
 Oquist, George G. 2,686,056.
- Plastic Innovations, Inc.: *See—*
 Burkes, Alexander.
 Harrison, Seymour. 2,684,923.
- Plasti-Clad Metal Products, Inc.: *See—*
 Amundson, Ernest L., and Matthews. 2,695,421.
- Plastic Molded Arts, Inc., assignee: *See—*
 Tommarchi, Paul, and Bver.
- Plastic Molding Corp., The: *See—*
 Lemoine, Henri G. 2,682,070.
- Plastic Rivet Co., Inc., assignee: *See—*
 Marks, Alvin M. 2,676,704.
- Plastic Rivet Corp.: *See—*
 Farkas, Eugene, Tatulle, and Lerner. 2,695,651.
- Platt, John T., and W. Wenner, assignors to Hoffmann-La Roche Inc. 2,676,967, Cl. 260—290.
- Platis, Mickail, $\frac{1}{2}$ to A. Dick. 2,681,489, Cl. 24—158.
- Platner, John B., to Chrysler Corp. 2,686,510, Cl. 123—143.
- Platner, John B., to Chrysler Corp. 2,686,511, Cl. 123—143.
- Platow, Raymond C.: *See—*
 Phair, Robert J., and Platow. 2,688,582.
- Platt, Arthur G. 2,683,945, Cl. 39—11.
- Platt Brothers and Co. Ltd.: *See—*
 Bassindale, Isaac B.
 Bassindale, Isaac B., and Schofield. 2,690,772.
 Butler, Edward S., and Sutcliffe.
 Butler, Edward S., and Sutcliffe. 2,675,029.
- Platt, Ernest C. 2,692,980, Cl. 340—52.
- Platt, Eunice, Grand Prairie, Tex. Trot line receiver and dispenser. 2,670,565, Mar. 2.
- Platte, William N., assignor to Westinghouse Electric Corporation. 2,677,037, Cl. 219—10.
- Platts, George Turton, & Company Limited, assignee: *See—*
 Fitz John, Arthur P.
 Hewitt, John L. 2,677,936.
- Platts, Harlow C., to The Western States Cutlery and Mfg. Co. 2,695,450, Cl. 30—342.
- Platz, Elwood T.: *See—*
 Hermann, John A., and Platz. 2,696,532.
 Schwartz, Bert B., Platz, and Davis. 2,681,397.
- Platzer, Rudolph: *See—*
 Rineer, Arthur E. 2,692,512.
- Plax Corp.: *See—*
 Bailey, James. 2,697,852.
 Bailey, James, Pinsky, and Reher.
 Bailey, James, and Pratt. 2,674,006.
 Horton, Paul V.
 Pratt, William S.
- Pleasants, Cellan R., assignee: *See—*
 Kerlin, William L.
- Plehal, Dan R.: *See—*
 Maxwell, Ira C., Langen, and Plehal. 2,687,241.
- Pleines, Adam: *See—*
 Hense, Heinrich, and Pleines.
- Plessey Co. Ltd., The: *See—*
 Gaut, Geoffrey C., and Moore. 2,689,398.
 Stubbs, Harold V. G. 2,688,581.
- Pletsch, Adam, Spokane, Wash. Bitless hackamore. 2,669,816, Feb. 23.
- Pletts, John W.: *See—*
 Bailey, Arthur E., Girling, and Pletts. 2,686,301.
- Plexico, Robert S.: *See—*
 Flowers, William H., and Plexico. 2,696,124.
- Plimmer, Alfred G., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Thermal compensator. 2,664,787, Jan. 5.
- Plonczak, Jean L. 2,687,835, Cl. 224—26.
- PLOURDE, Neal N., to Gunnell Capsulations, Inc. 2,692,404, Cl. 18—5.
- Pluess, Paul E., to The Sperry Corp. 2,692,534, Cl. 89—41.
- Plumb, Charles C.: *See—*
 Harris, Thomas, and Plumb. 2,684,558.
- Plumer, John, assignee: *See—*
 Ruiz, Raymond R., and Smith.
- Plummer, Charles H., N. Truslow, and J. Frydryk, assignors to Chicopee Manufacturing Corporation. 2,676,363, Cl. 19—156.
- Plummer, Charles H., and R. W. Vose, assignors to Chicopee Manufacturing Corporation. 2,676,364, Cl. 19—156.
- Plummer, Fred L.: *See—*
 Fino, Alexander F., and Plummer.
- Plummer, Harvey R., assignor to Giddings & Lewis Machine Tool Company. 2,675,604, Cl. 29—96.
- Plummer, Philo G., Wasco, Ill. Pipe coupling. 2,673,749, Mar. 30.
- Plunguian, Mark, Gillette, N. J., assignor to Celanese Corporation of America, New York, N. Y. Preparation of organic carboxylic acid esters of cellulose. 2,671,777, Mar. 9.
- Plunguian, Mark, Gillette, N. J., assignor to Celanese Corporation of America. Organic acid esters of cellulose. 2,671,778, Mar. 9.
- Plunk, Rowe A., Midland, Tex. Evaporative cooler for motor vehicles. 2,673,079, Mar. 23.
- Plusquellic, Louis, assignor to Rieck-McJunkin Dairy Company. 2,674,397, Cl. 226—72.
- Plym, Oscar, Sater, Sweden. Connecting device for attaching booms to masts. 2,673,543, Mar. 30.
- Plympton, Donald E.: *See—*
 Bonaventura, Filiberto A., and Plympton. 2,688,922.
 Bonaventura, Filiberto A., and Plympton. 2,688,923.
- Plywood Research Foundation, assignee: *See—*
 Schubert, Dale L.
 Smith, Robert L.
- Pneumafil Corporation, assignee: *See—*
 Bechtler, Hans C.
- Pneumatic Loom Development Corp., assignee: *See—*
 Hopkinson, Mark L. 2,677,933.

- Pneumatic Scale Corp., Ltd.: *See*—
Howard, Stanley R. 2,676,009.
Howard, Stanley R. 2,678,185.
Howard, Thomas P. 2,697,580.
Vergobbi, John G. 2,694,965.
Vergobbi, John G. 2,694,966.
Vergobbi, Robert W. 2,678,768.
Vergobbi, Robert W. 2,690,857.
Vergobbi, Robert W. 2,697,507.
Walter, Edward T.
- Poch, Stephen, to Driver-Harris Co. 2,696,544, Cl. 201—63.
Poch, Stephen, and J. C. Lewis, Jr., to Driver-Harris Co. 2,691,690, Cl. 136—5.
Poche, John M., Mississippi City, Miss. Vehicle wheel. 2,668,736, Feb. 9.
Poche, John M. 2,693,162, Cl. 115—1.
Poche, John M. 2,694,996, Cl. 114—70.
Pocknee, James K., assignor to Cabul Tool Company Limited, London, England. Hardness testing instrument. 2,667,067, Jan. 26.
Pocock, Merton A. 2,676,424, Cl. 38—143.
Pocock, Sydney N., to The Edison Swan Electric Co. Ltd. 2,682,031, Cl. 323—45.
Poczek, Frank G. 2,680,629, Cl. 282—19.
Podbielniak, Walter J., Chicago, Ill., assignor of one-half to W. G. Podbielniak. Centrifugal countercurrent contact apparatus. 2,670,132, Feb. 23.
Podbielniak, Walter J., assignor of $\frac{1}{2}$ to W. G. Podbielniak. 2,676,914, Cl. 202—160.
Podbielniak, Wladzia G., assignee: *See*—
Podbielniak, Walter J. 2,676,914.
Podell, Jacob J. 2,675,148, Cl. 223—91.
Podesta, Armando. 2,686,624, Cl. 226—84.
Podgursky, John, Brooklyn, N. Y. Receptacle for filing papers. 2,669,381, Feb. 16.
Podhajsky, Theodore A.: *See*—
McElhinney, E. M., and Podhajsky. 2,698,106.
Podolsky, Leon, to Sprague Electric Co. 2,682,642, Cl. 333—82.
Poebing, Oskar, Munich, Germany. Device for removing shocks of railroad rails. 2,669,394, Feb. 16.
Poel, Norman C.: *See*—
Hoven, Alfred C., Nordmark, Poel, and Humphries. 2,681,100.
Poeltl, Martin, to Penn-L Leather Products Co. 2,681,677, Cl. 150—39.
Poettmann, Fred H.: *See*—
Nisle, Robert G., and Poettmann. 2,679,212.
Poetto, Celia, assignor to B. King. 2,678,048, Cl. 132—156.
Poffenberger, Noland, assignor to The Dow Chemical Company, Midland, Mich. Multistage internal mixer-settler extraction apparatus. 2,665,196, Jan. 5.
Pohl, Ernest E.: *See*—
Broekhuysen, William C., Pohl, and Roehm.
Pohl, Wadsworth E., assignor to Technicolor Motion Picture Corporation. 2,676,116, Cl. 117—62.
Pohl, Wadsworth E., to Technicolor Motion Picture Corp. 2,693,126, Cl. 88—16.
Pohl, Walter: *See*—
Huemmer, Hans, Schulz, and Pohl.
Pohland, Carl P., assignor to Escapo, Inc., Sheboygan, Wis. Dental moisture shield. Re. 23,798, Mar. 9.
Pohle, Werner P.: *See*—
Dennis, Ralph L., and Pohle. 2,676,648.
Pohle, Werner P. 2,676,841, Cl. 299—18.
Pohlke, Philip A.: *See*—
Callans, Lee D., and Pohlke. 2,677,153.
Poillon, George W., Polk City, Iowa. Metal awning. 2,673,378, Mar. 30.
Poindexter, Franklin E., and F. W. Lowe. 2,697,068, Cl. 202—106.
Poirette Corsets, Inc.: *See*—
Laguzzi, Mario. 2,696,615.
Poirier, Edward F. 2,677,203, Cl. 37—143.
Poirier, Ernest J., assignor of ten per cent to J. I. Hill, Alhambra, Calif. Heated vehicle cover. 2,666,840, Jan. 19.
Poirier, Ernest J. 2,688,513, Cl. 296—98.
Poirier, Normand A.: *See*—
Maschi, Joseph N., and Poirier. 2,680,753.
Poitras, Edward J., Holliston, Mass. Lancet readying and storing device. 2,666,967, Jan. 26.
Poitras, Edward J. 2,698,367, Cl. 200—137.
Poitras, Edward J., Holliston, and J. F. Taplin, West Newton, Mass. Pressure-operable liquid dispensing apparatus. 2,665,825, Jan. 12.
Poivilliers, Georges J., Neuilly-sur-Seine, France. Device for restitution of images. 2,673,490, Mar. 30.
Pokorny, Charles H. 2,679,651, Cl. 4—67.
Pokorny, Oldrich S., and G. A. Speer, to Standard Oil Development Co. 2,688,587, Cl. 196—18.
Pokorny, Stephen S., Maquoketa, Iowa. Adjustable governor for accelerators. 2,666,510, Jan. 19.
Polad, Thomas H., assignor to Rudy Manufacturing Company. 2,676,001, Cl. 257—262.12.
Polad, Thomas H., to Rudy Mfg. Co. 2,691,813, Cl. 29—157.3.
Polan Industries Inc.: *See*—
Polan, Lincoln M. 2,697,311.
Polan, Lincoln M., to Polan Industries Inc. 2,697,311, Cl. 49—82.
Poland, Frank F.: *See*—
Wilkins, Richard A., and Poland. 2,680,144.
Poland, Frank F., to Revere Copper and Brass, Inc. 2,697,127, Cl. 13—20.
Polanyi, Michael L., and H. Osterberg, to American Optical Co. 2,683,394, Cl. 88—57.
Polarad Electronics Corp.: *See*—
Skwarek, Frank. 2,681,378.
Polard, Jean, to Societe Anonyme so-called: Compagnie Electro-Mecanique. 2,696,658, Cl. 29—155.54.
Polaroid Corp.: *See*—
Bachelder, Albert J., and McCune. 2,698,243.
Binda, Frederick J. 2,674,159.
Bing, Herbert A., and Wright. 2,692,540.
Casselmann, Robert C., and Eloranta. 2,697,961.
Cooper, Dexter P., Jr.
Eloranta, Vaito K.
Fairbank, Murry N. 2,681,602.
Grey, David S. 2,684,015.
Land, Edwin H.
Land, Edwin H. 2,686,716.
Land, Edwin H. 2,686,717.
Land, Edwin H. 2,687,478.
Land, Edwin H. 2,689,306.
Land, Edwin H. 2,689,308.
Land, Edwin H. 2,692,830.
Land, Edwin H. 2,698,236.
Land, Edwin H. 2,698,237.
Land, Edwin H. 2,698,238.
Land, Edwin H. 2,698,244.
Land, Edwin H. 2,698,245.
Land, Edwin H., and Casselman. 2,692,675.
Pierce, Norton T. 2,674,532.
Rogers, Howard G. 2,678,274.
Rogers, Howard G. 2,681,857.
Woodward, Robert B. 2,674,533.
Polasek, Karl, assignor to Aero Materiel AB. 2,678,414, Cl. 318—8.
Polderman, Jacobus: *See*—
Lens, Jan, and Polderman. 2,687,981.
Polen, Percy B., M. Kleiman, and H. G. Fechter, Chicago, Ill., assignors to Arvey Corporation. Fungicidal 1,2,3,4,7,7-hexachloro-5-(aminophenyl)-bicyclo-[2,2,1]-2-heptene. 2,673,172, Mar. 23.
Policansky, Hyman, to Industrial Machinery Co. Ltd. 2,695,618, Cl. 131—61.
Polissar, Milton J., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,678,257, Cl. 23—14.5.
Politsch, Verney G.: *See*—
Fedorchak, William J., Politsch, Wideman, and Duncan. 2,682,802.
Politziner, Joseph, New York, N. Y. Hem marker. 2,672,689, Mar. 23.
Polk, Louis E., and E. A. Clark, to The Sheffield Corp. 2,697,964, Cl. 90—1.4.
Polk, Robert E.: *See*—
Kreisel, Ralph R., and Polk. 2,691,297.
Polk, Walter C., Fort Branch, Ind. Corncob burner. 2,666,403, Jan. 19.
Polkosky, Joseph J., assignor to Radio Corporation of America. 2,676,282, Cl. 313—102.
Polkosnik, B. Leonard, to Damar Products, Inc. 2,698,038, Cl. 146—169.
Pollack, Hyman, and D. Brand. 2,689,598, Cl. 155—40.
Pollack, Maxwell A. 2,695,897, Cl. 260—27.
Pollak, Arthur, assignor to West Virginia Pulp and Paper Company. 2,676,931, Cl. 260—17.5.
Pollak, Joseph, Corp.: *See*—
Allen, Stratford B. 2,694,118.
Hasselbaum, Oscar H. 2,680,165.
Pollard, Bernard J. 2,681,828, Cl. 299—36.
Pollard, Brian W.: *See*—
Dean, James, and Pollard. 2,694,192.
Pollard, Brian W., and B. G. Welby, to Ferranti Ltd. 2,688,049, Cl. 178—17.
Pollard, Leon G., to The Western Union Telegraph Co. 2,695,925, Cl. 178—7.1.
Pollard, Leon G., G. H. Ridge, and G. Johanson, assignors to The Western Union Telegraph Company. 2,678,589, Cl. 93—1.
Pollard, Maurice B., Pampa, Tex. Portable barbecue and range. 2,666,426, Jan. 19.
Pollard, Melville R., Jr., to Jet Shaft Seals, Inc. 2,685,463, Cl. 286—11.
Pollard, Melville R., Jr., to Jet Shaft Seals, Inc. 2,698,195, Cl. 286—11.14.
Pollard, Ray B. 2,682,390, Cl. 257—22.
Pollard, Willard L. 2,695,533, Cl. 74—677.
Polley, Eugene J., to Zenith Radio Corp. 2,681,634, Cl. 116—124.4.
Polley, Robert W., to Nashua Corp. 2,692,635, Cl. 154—1.7.
Pollitt, Harold E., Dayton, Ohio. Device for projecting drawings. 2,671,965, Mar. 16.
Pollmann, Max: *See*—
Körber, Kurt, Ritscher, Pollmann, and Stelzer. 2,690,777.
Pollock, Earl S., E. H. Groff, L. K. McFarland, and H. L. Stichler, to The Tappan Stove Co. 2,683,447, Cl. 126—191.
Pollock, Hugh A., to Peek-A-Boot Inc. 2,694,830, Cl. 18—24.

- Pollock, Norman R., and R. L. Erwin, Royal Oak, assignors, by mesne assignments, to Ford Motor Company, Dearborn, Mich. Implement mounting frame for cutter units. 2,673,437, Mar. 30.
- Pollock, Orthello B., C. L. Wilson, and M. H. Pintell, to Reynolds Metals Co. 2,684,922, Cl. 148—4.
- Pollock, S. Wilson, to Aircraft-Marine Products Inc. 2,692,384, Cl. 1—177.
- Pollock, Samuel W., to Aircraft-Marine Products, Inc. 2,685,708, Cl. 18—55.
- Pollock, Samuel W., to Aircraft-Marine Products, Inc. 2,691,146, Cl. 339—217.
- Pollock, Willard M., to American Type Founders, Inc. 2,697,398, Cl. 101—282.
- Pollock, Willard M., Short Hills, and A. W. Sejeck, Scotch Plains, N. J., assignors to American Type Founders, Inc. Apparatus for removing ink from the inking rollers of printing presses. 2,670,681, Mar. 2.
- Pollock, William A., to C. K. Williams & Co. 2,695,215, Cl. 23—145.
- Pollopat Patents Ltd.: See—
Montrose-Oster, Louis E. W. 2,695,585.
Montrose-Oster, Louis E. W. 2,695,586.
- Polly, Orville L., and O. D. Cunningham, to Union Oil Co. of California. 2,681,921, Cl. 260—404.
- Polson, Olien, and T. J. Nelson, Chicago, Ill. Window construction. 2,672,657, Mar. 23.
- Polster, Alfred, C. J. Glow, A. G. Shorey, and B. S. Antosiewicz. 2,695,482, Cl. 51—262.
- Polykote, Inc.: See—
Kieffer, Edward P. 2,688,563.
- Polymer Corp., The: See—
Stott, Louis L. 2,686,935.
Stott, Louis L. 2,695,425.
Stott, Louis L. 2,696,023.
- Polymeros, Donald P., assignor to N. A. Champagne, Minneapolis, Minn. Vacuum operated signal device. 2,666,197, Jan. 12.
- Polytechnic Institute of Brooklyn: See—
Schleuning, Hubert W. 2,688,679.
Weber, Ernst, and Griemsmann. 2,689,294.
Weber, Ernest, Griemsmann, and Johnson.
- Polytechnic Research and Development Company Incorporated, assignee: See—
Johnson, Stanley A.
Waller, William, and Johnson.
- Pomeroy, Edith A., administratrix: See—
Clarvoe, George W., and Pomeroy.
- Pomeroy, Lendal W.: See—
Clarvoe, George W., and Pomeroy.
- Pomfret, John R.: See—
MacDonald, William W., and Pomfret.
- Pomfrett, John M.: See—
St. Louis, James A., and Pomfrett.
- Pominski, Joseph: See—
D'Aquin, Esler L., Pominski, Molaison, and Vix. 2,687,155.
- Pommerening, Clarence T. 2,675,140, Cl. 220—3.6.
- Pompa, Leonard: See—
Charlton, Edward J., and Pompa. 2,697,284.
- Pompeo, Domenick J.: See—
Hallikainen, Kauko E., and Pompeo.
- Pomper, Anthony W., and C. J. Waechter, assignors to John Waldron Corporation. 2,679,231, Cl. 118—63.
- Pomrenke, Louis F., $\frac{1}{2}$ to A. I. Nickel. 2,680,878, Cl. 17—8.
- Pomykala, Edmund S. 2,679,724, Cl. 60—30.
- Pomykala, Edmund S. 2,684,231, Cl. 261—21.
- Pomykala, Edmund S. 2,690,185, Cl. 135—3.
- Pomykala, Edmund S. 2,690,333, Cl. 266—29.
- Pomykala, Edmund S. 2,690,494, Cl. 219—10.
- Pond, Bertram P.: See—
De Lancey, Warren H., Pond, and Chisholm.
- Pond, Clarke P.: See—
Stradley, Bentham W., and Pond. 2,681,503.
- Pond, Evelyn L. 2,678,499, Cl. 33—138.
- Pond, Kenneth H., Longmeadow, assignor to Gardner Wood Products Co., Inc., Gardner, Mass. Automatically folding structure. 2,670,477, Mar. 2.
- Ponsar, Yves, to Etablissements Neyrpic. 2,694,411, Cl. 137—543.17.
- Ponsford, George A., assignee: See—
Westphal, Henry C. 2,678,463.
- Ponstingl, Franz. 2,691,414, Cl. 158—116.
- Ponstingl, John C.: See—
Schaelehl, Walter, Winchester, and Ponstingl.
- Ponsy, Louis E. 2,674,717, Cl. 323—66.
- Pontbriand, Dubreuil. 2,698,132, Cl. 235—30.
- Ponteggi Tubolari Dalmine Innocenti S. p. A., assignee: See—
Calbiani, Alberto.
- Ponting, Leonard C.: See—
Highberg, George A., and Ponting. 2,687,308.
- Pontius, Oswald, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. 2,693,804, Cl. 128—218.
- Pool & Co.: See—
Andrews, Joseph A. 2,686,601.
- Pool, Eldert B., to Edward Valves, Inc. 2,688,980, Cl. 137—514.
- Pool, Stuart D., Moline, and E. M. Melin, Rock Island, Ill., assignors to International Harvester Company. Row defining apparatus for cane harvesters. 2,667,727, Feb. 2.
- Pool, Stuart D., and E. K. Karlsson, Moline, Ill., assignors to International Harvester Company. Magnetically biased check valve. 2,667,895, Feb. 2.
- Pool, Stuart D., and B. J. Shager, assignors to International Harvester Company. 2,680,624, Cl. 280—5.
- Poole, Arthur B.: See—
Black, William A., and Poole. 2,678,570.
- Poole, Arthur E., and M. B. Kirk, assignors to The Hallen Company, Inc. 2,675,213, Cl. 255—20.
- Poole, Clare J., Royal Oak, Mich. Hydraulic camera tripod head. 2,672,313, Mar. 16.
- Poole, Donald S., to The Goodyear Tire & Rubber Co. 2,690,985, Cl. 154—52.2.
- Poole, Forrest R., and D. M. Clark, said Poole assignor to said Clark. 2,678,040, Cl. 128—2.05.
- Poole, Foster M., and L. C. Paslay, University Park, Tex., assignors of one-half to said Poole, and one-half to C. Casey, Dallas, Tex. Volumetric measuring apparatus. 2,666,326, Jan. 19.
- Poole, James P., assignor to Brockway Glass Company, Inc. 2,679,749, Cl. 73—54.
- Poole, Myron C., Bay City, assignor to Redman Trailer Company, Alma, Mich. Extensible table for house trailers. 2,665,180, Jan. 5.
- Poole, Wiley D., assignor to Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La. Tiltably mounted root harvester. 2,666,286, Jan. 19.
- Poole, Wiley D., to Board of Supervisors of Louisiana State University and Agricultural and Mechanical College. 2,691,261, Cl. 55—51.
- Poor & Co.: See—
Andrews, Joseph A. 2,691,555.
Chester, Allan E. 2,683,672.
Chester, Allan E., and Irwin. 2,677,653.
Chester, Allan E., and Irwin. 2,692,187.
Chester, Allan E., and Irwin. 2,692,188.
Radeke, Walter H.
- Poorman, Robert F., D. G. Chakiris, and A. W. Kemp, assignors to Autocrat Inc. 2,679,643, Cl. 340—286.
- Popadich, Milan V.: See—
Flener, Paul E., and Popadich. 2,685,925.
- Pope, Clifford G.: See—
Ainsworth, Geoffrey, Clough, and Pope. 2,695,261.
- Pope, James R.: See—
Kandra, Lawson L., and Pope. 2,680,509.
- Pope, Louis C. 2,690,715, Cl. 103—49.
- Popell, Samuel J. 2,676,531, Cl. 99—299.
- Popkin, Alexander H.: See—
Mikeska, Louis A., Lippincott, and Popkin. 2,677,662.
Smith, Paul V., Jr., Mikeska, and Popkin. 2,683,119.
- Popkin, Alexander H., and T. S. Tutwiler, to Standard Oil Development Co. 2,689,223, Cl. 252—42.7.
- Popp, Estelle, assignor to Benjamin & Johnes, Incorporated. 2,673,981, Cl. 2—42.
- Popp, Estelle A., New York, N. Y., assignor to Benjamin & Johnes, Incorporated, Newark, N. J. Off-shoulder brassiere. 2,672,613, Mar. 23.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Inc., Valparaiso, Ind. Switch housing. 2,665,353, Jan. 5.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Inc., Valparaiso, Ind. Electric switch housing. 2,665,354, Jan. 5.
- Popp, Walter H. 2,688,149, Cl. 16—18.
- Ponne, George W., Brooklyn, assignor to Equitable Paper Bag Co. Inc., Long Island City, N. Y. Paper bag having flap with reinforced locking tongue and ticket retainer. 2,669,382, Feb. 16.
- Porcelain Metals Corporation, assignee: See—
McDonald, William J.
- Porret, Daniel, assignor to Ciba Limited. 2,679,530, Cl. 260—486.
- Porret, Daniel, to Ciba Ltd. 2,683,734, Cl. 260—465.3.
- Porsche, Ferdinand, to Porsche Konstruktionen G. m. b. H. 2,686,455, Cl. 88—24.
- Porsche Konstruktionen G. m. b. H.: See—
Porsche, Ferdinand. 2,686,455.
Schmid, Leopold. 2,683,377.
- Port, William S., J. W. O'Brien, and D. Swern, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Lubricating oil compositions. 2,671,760, Mar. 9.
- Portage Machine Co., assignee: See—
Tao, Deh C.
- Portail, Fernand, assignor to Compagnie Industrielle des Piles Electriques Cipel. 2,675,490, Cl. 307—48.
- Porte, Eugene F. 2,681,011, Cl. 103—121.
- Porter, Allan W. H.: See—
Morrison, John L. M., Robertson, and Porter. 2,674,778.
- Porter, Archie E. 2,685,215, Cl. 76—31.
- Porter, C. V.: See—
Taylor, Flemen C. 2,695,118.
- Porter, Carter E.: See—
Marcell, Thaddeus R., Porter, and Staib.
Morrell, Charles E., Carlson, and Porter.
- Porter, Charles V.: See—
Taylor, Flemen C. 2,695,118.
- Porter, Charles W.: See—
Russell, Frank C., and Porter. 2,683,925.
- Porter, Dean C. 2,689,084, Cl. 235—64.
- Porter, Donald C. 2,678,342, Cl. 136—91.

- Porter, Frank: *See*—
 Eberts, Richard K., Crosby, and Porter. 2,688,635.
 Porter, Frank E., Denville, assignor to U. S. Chemical Corporation, Metuchen, N. J. Casting patterned plastic sheets. 2,668,328, Feb. 9.
 Porter, Fred S. 2,695,466, Cl. 37—98.
 Porter, Frederick W. B., to Anglo-Iranian Oil Co. Ltd. 2,697,682, Cl. 196—24.
 Porter, Frederick W. B., R. P. Northcott, and J. Rowland, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Catalytic desulfurization of petroleum hydrocarbons. 2,672,433, Mar. 16.
 Porter, Frederick W. B., and J. N. Haresnape, to Anglo-Iranian Oil Co., Ltd. 2,686,150, Cl. 196—52.
 Porter, Frederick W. B., and R. P. Northcott, to Anglo-Iranian Oil Co. Ltd. 2,687,985, Cl. 196—44.
 Porter, George G.: *See*—
 Baker, Arthur W., and Porter. 2,676,522.
 Porter, George I. M. 2,697,319, Cl. 56—25.4.
 Porter, Gilbert E., assignor of forty-nine one-hundredths to E. F. McLaren, Los Angeles, Calif. Compound hydraulic master cylinder construction. 2,666,294, Jan. 19.
 Porter, H. K., Inc.: *See*—
 Porter, Thomas M.
 Tibbetts, Willis F. 2,685,130.
 Porter, H. K., Co., Inc. of Pittsburgh: *See*—
 Killian, Stanley C. 2,682,591.
 Porter, Harold M., and P. H. Reardon, to The Mitchell-Tyler Co. 2,686,391, Cl. 51—131.
 Porter, Henry D., assignor to Eastman Kodak Company. 2,678,885, Cl. 95—7.
 Porter, Henry H., to the United States of America as represented by the Secretary of the Navy. 2,682,567, Cl. 136—90.
 Porter, Henry H., and R. J. Vicars, to the United States of America as represented by the Secretary of the Navy. 2,690,314, Cl. 244—14.
 Porter, James C., and W. B. Roth, assignors to United States of America as represented by the Secretary of Agriculture. 2,675,788, Cl. 123—25.
 Porter, James H. 2,682,918, Cl. 155—182.
 Porter, Jesse H., and E. C. Pattison. 2,694,599, Cl. 298—19.
 Porter, John L., Baton Rouge, La., assignor to Kaiser Aluminum & Chemical Corporation, Oakland, Calif. Production of alumina. 2,668,751, Feb. 9.
 Porter, John W., Jr. 2,684,489, Cl. 9—6.
 Porter, John W., Jr. 2,684,790, Cl. 222—322.
 Porter, Lawrence E., to Minneapolis-Honeywell Regulator Co. 2,695,661, Cl. 158—28.
 Porter, Leslie F., assignor of 50% to E. J. Hurley. 2,675,950, Cl. 224—42.1.
 Porter, Thomas M., Brookline, assignor to H. K. Porter, Inc., Somerville, Mass. Pole pruner head. 2,664,628, Jan. 5.
 Porter, Wellington W. 2,674,838, Cl. 56—177.
 Porter, William M.: *See*—
 Myers, John P., and Porter. 2,695,379.
 Portion Pack, Inc.: *See*—
 Bond, Virgil V. 2,689,798.
 Portnow, William. 2,680,942, Cl. 51—176.
 Portwood, Iona L.: *See*—
 Portwood, James R. and I. L. 2,682,113.
 Portwood, James R. and I. L. 2,682,113, Cl. 33—189.
 Posch, Oskar, $\frac{1}{2}$ to W. U. W. Schenk K. G. 2,688,473, Cl. 259—169.
 Posnack, Blanche, and E. B. Michaels, $\frac{1}{2}$ to said B. Posnack and $\frac{1}{2}$ to E. R. Posnack. 2,689,561, Cl. 128—76.
 Posnack, Emanuel R.: *See*—
 Posnack, Blanche, and Michaels. 2,689,561.
 Posson, Chester A. 2,679,139, Cl. 60—53.
 Post, Warner. 2,698,018, Cl. 132—45.
 Post, Wilmar R.: *See*—
 Gabrielsen, Christian, and Post.
 Posting Equipment Corporation, assignee: *See*—
 Lear, Joseph D.
 Potash Co. of America: *See*—
 Haworth, Russell G. 2,682,396.
 Weinig, Arthur J.
 Potchen, Joseph A., to Haskelite Mfg. Corp. 2,683,926, Cl. 29—480.
 Potdevin, Adolph, assignor to Potdevin Machine Company. 2,677,319, Cl. 93—8.
 Potdevin Machine Company, assignee: *See*—
 Bechle, Rudolph P.
 Potdevin, Adolph. 2,677,319.
 Richmond, Robert L., and Roth.
 Pote, Lloyd W., to CPC Engineering Corp. 2,682,701, Cl. 29—157.1.
 Potgieter, Fred M., to Borg-Warner Corp. 2,689,468, Cl. 64—21.
 Poth, Clarence G., East Canton, assignor to Republic Steel Corporation, Cleveland, Ohio. Furnace roof. 2,670,698, Mar. 2.
 Pott, Anthony F. D., and D. H. McLean, to Standard Oil Development Co. 2,688,597, Cl. 252—64.
 Pottberg, Rolfe: *See*—
 Noble, James H., Pottberg, and Tainton. 2,678,289.
 Noble, James H., Pottberg, and Tainton. 2,678,290.
 Pottberg, Rolfe L.: *See*—
 Cornish, Don, and Pottberg. 2,676,018.
 Potter, Charles A. 2,680,255, Cl. 7—14.3.
 Potter, Clarence J., assignor to Triangle Grain Company. 2,675,932, Cl. 214—83.26.
 Potter, Denton A., Santa Monica, Calif. Insulation stripping tool for electric conductors. 2,667,094, Jan. 26.
 Potter, Frank H. 2,681,519, Cl. 37—153.
 Potter, Fred B., Ocean Park, Calif. Folding wall bed. 2,671,230, Mar. 9.
 Potter, Frederick M., assignor to Bendix Aviation Corporation. 2,679,607, Cl. 310—218.
 Potter, Harley O., Peoria, and L. R. Carrigan, assignors to General Metals Company, Chillicothe, Ill. Machine for forming bottle top covers. 2,667,823, Feb. 2.
 Potter, Howell L., assignor to The Fafnir Bearing Company. 2,678,246, Cl. 308—187.2.
 Potter, John T. 2,674,728, Cl. 340—174.
 Potter, John T. 2,692,551, Cl. 101—93.
 Potter, Kenneth F., and A. W. Brown, to American Hoist & Derrick Co. 2,689,655, Cl. 212—59.
 Potter, Peter B.: *See*—
 Groff, Frazire, Potter, and Smith. 2,681,323.
 Potter, Ralph B., Boulder, Colo. Making toothbrushes. 2,666,954, Jan. 26.
 Potter, Ralph B. 2,676,724, Cl. 215—43.
 Potter, Thomas W., Mattoon, Ill. Leak detector composition for gaseous fluid conduits and the like. 2,665,257, Jan. 5.
 Potter, Wilfred C., to Wagner Electric Corp. 2,680,903, Cl. 29—263.
 Potterton, William, North Arlington, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Screw holding and feeding means for power-operated screw drivers. 2,670,770, Mar. 2.
 Pottle, Ralph K., to American Can Co. 2,698,143, Cl. 242—55.5.
 Pottmeyer, Edward W., assignor to Blaw-Knox Company. 2,674,211, Cl. 110—181.
 Pottmeyer, Edward W., to Blaw-Knox Co. 2,688,956, Cl. 122—497.
 Pottorf, Newell, to Stanolind Oil and Gas Co. 2,681,706, Cl. 166—187.
 Potts, Carol. 2,691,310, Cl. 74—750.
 Potts, Ernest L.: *See*—
 Brown, Cicero C., and Potts. 2,698,054.
 Potts, Ernest L., assignor to C. C. Brown. 2,675,875, Cl. 166—1.
 Potts, Horace T., Co.: *See*—
 Folz, Joseph J. 2,695,182.
 Potts, John T., assignor to The Galigher Company, Salt Lake City, Utah. Impeller for flotation machines. 2,673,724, Mar. 30.
 Potts, Lindley W.: *See*—
 Fairchild, Edwin B. 2,698,120.
 Potts, Louis M., deceased, by M. W. C. Potts, executrix, to Teletype Corp. 2,684,996, Cl. 179—4.
 Potts, Martha W. C., executrix: *See*—
 Potts, Louis M. 2,684,996.
 Potts, Ralph H., assignor to Armour and Company. 2,674,570, Cl. 202—52.
 Potts, Robert W., Fort Worth, Tex. Liner for sanitary closets. 2,671,906, Mar. 16.
 Potts, Roy C. 2,690,867, Cl. 229—52.
 Pouchot, Walter D., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,674,845, Cl. 60—35.6.
 Pouliot, Paul: *See*—
 Fortin, Charles A. 2,682,868.
 Poulsen, George H., assignee: *See*—
 Eash, George H.
 Poulson, Frank E., to Certified Burglar Alarm Systems, Inc. 2,686,909, Cl. 340—276.
 Poulter, Thomas C., Palo Alto, Calif., assignor to Institute of Inventive Research, San Antonio, Tex. Method and apparatus for seismic exploration. 2,672,204, Mar. 16.
 Pound, Denis W.: *See*—
 Hartley, Gilbert S., and Pound.
 Hartley, Gilbert S., Pound, Heath, and Hulme. 2,678,334.
 Pound, John P., assignor to Pye Limited. 2,674,050, Cl. 34—1.
 Pound, Robert V., to the United States of America as represented by the Secretary of War. 2,681,998, Cl. 250—36.
 Pounds, Richard T., to American Machine & Foundry Co. 2,694,310, Cl. 73—67.
 Poupinel, Jean C.: *See*—
 Delmoussée, George, Austerweil, Lemoussu, and Poupinel.
 Poupitch, Ougljesa J., to Illinois Tool Works. Re. 23,876, Cl. 24—73.
 Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Lock washer with thick rim and making same. 2,666,468, Jan. 19.
 Poupitch, Ougljesa J., assignor to Illinois Tool Works. 2,675,044, Cl. 151—41.5.
 Poupitch, Ougljesa J., assignor to Illinois Tool Works. 2,679,880, Cl. 151—37.
 Poupitch, Ougljesa J., to Illinois Tool Works. 2,681,487, Cl. 24—73.
 Poupitch, Ougljesa J., to Illinois Tool Works. 2,681,679, Cl. 151—41.76.
 Poupitch, Ougljesa J., to Illinois Tool Works. 2,682,693, Cl. 24—73.

- Poupitch, Ougljesa J., to Illinois Tool Works. 2,682,906, Cl. 151—41.76.
- Poupitch, Ougljesa J., to Illinois Tool Works. 2,692,414, Cl. 24—73.
- Poupitch, Ougljesa J., to Illinois Tool Works. 2,694,188, Cl. 339—95.
- Poupitch, Ougljesa J., to Illinois Tool Works. 2,698,204, Cl. 301—63.
- Poutot, Georges R., to Manufacture d'Outillage pour Garages "Wilmonda." 2,680,982, Cl. 81—52.4.
- Poux, Noel J., assignor to Talon, Inc. 2,677,163, Cl. 24—205.14.
- Povejsil, Donald J., assignor to Westinghouse Electric Corporation. 2,677,063, Cl. 307—57.
- Powder Power Tool Corp.: *See—*
- Erickson, Virginus R.
 - Erickson, Virginus R. 2,676,508.
 - Erickson, Virginus R., and Bullwinkle. 2,679,645.
 - Erickson, Virginus R., and Bullwinkle. 2,697,830.
 - Magnuson, Roy M. 2,677,823.
- Powell, Burnet J., to Houdaille-Hershey Corp. 2,682,178, Cl. 74—503.
- Powell, Carroll F.: *See—*
- Campbell, Ivor E., Gonser, and Powell.
- Powell, Charles P.: *See—*
- Gannon, John J., Powell, and Fiscella.
- Powell, Clyde C., Bellevue, assignor to National Poultry Equipment Company, Seattle, Wash. Automatic egg cleaning machine. Re. 23,809, Mar. 30.
- Powell, Edward E., Conimicut, R. I. Manual indexing mechanism. 2,664,791, Jan. 5.
- Powell, Elmo M., Seven Bridges, assignor to Combustion Engineering, Inc., New York, N. Y. Fan with adjustable inlet for secondary air. 2,665,840, Jan. 12.
- Powell, George W., and C. E. Brunner, to Pangborn Corp. 2,686,991, Cl. 51—14.
- Powell, Harold E.: *See—*
- Cornell, Warren A., Hall, Hecht, Koechling, Korn, and Powell.
 - Cornell, Warren A., Hall, and Powell. 2,697,140.
- Powell, Harry S., assignor of $\frac{1}{2}$ to B. K. Lerer. 2,676,267, Cl. 250—68.
- Powell, Herschel F., to Gibson Refrigerator Co. 2,681,551, Cl. 62—141.
- Powell, Herschel F., to Gibson Refrigerator Co. 2,682,158, Cl. 62—126.
- Powell, James H., Watertown, Mass. Bowling game. 2,670,204, Feb. 23.
- Powell, Paul R., assignor to Western Electric Company, Incorporated. 2,679,924, Cl. 203—227.
- Powell, R. E.: *See—*
- Begeman, Robert G., and Powell. 2,689,511.
- Powell, Roger F., and E. F. Martin; said Martin to said Powell. 2,687,214, Cl. 209—166.
- Powell, Sheppard T.: *See—*
- McChesney, Irvin G. 2,687,185.
- Powell, Winfred T., to Stromberg-Carlson Co. 2,686,223, Cl. 179—18.
- Powell, Winfred T., to Stromberg-Carlson Co. 2,688,052, Cl. 179—18.
- Powell River Co. Ltd.: *See—*
- Goumeniouk, Gleb I. 2,677,991.
 - Way, Harvey H.: 2,681,534.
- Power, Basil D., and D. Latham, to W. Edwards & Co. (London) Ltd. 2,696,344, Cl. 230—101.
- Power Brake Parts Mfg. and Sales Co.: *See—*
- Osburn, Howard W. 2,681,076.
- Power Equipment Co.: *See—*
- Bixby, William H. 2,688,721.
- Power Jets (Research and Development) Ltd.: *See—*
- Alcock, John F.
 - Ashwood, Peter F.
 - Carter, Alfred D. S. 2,693,905.
 - Davidson, Ivor M., and Carter.
 - Ellis, Hugh S. 2,687,010.
 - Gaved, Clement. 2,680,392.
 - Grantham, Cyril. 2,684,831.
 - Grinstead, Brian. 2,677,236.
 - Johnson, William E. P. 2,677,273.
 - Lloyd, Peter. 2,692,479.
 - Lloyd, Peter, Shilling, Brown, and Boulter.
 - Mallinson, Dennis H., and Lewis. 2,675,673.
 - McLeod, Roderick C. 2,688,745.
 - McLeod, Roderick C. 2,692,724.
 - McLeod, Roderick C., and Hodge. 2,688,844.
 - Probert, Rhys P. 2,679,137.
 - Secord, Campbell H. 2,677,234.
 - Secord, Campbell H. 2,677,235.
 - Stevens, Raymond K. P., and Cox. 2,678,193.
 - Voysey, Reginald G. 2,677,237.
 - Walker, Daniel N.
 - Walker, Daniel N. 2,695,499.
 - Whittet, Derek R.
 - Winter, Ernest F., and Havemann. 2,680,951.
- Powers, Augustin J., Jr., to Powers Chemco, Inc. 2,690,968, Cl. 95—88.
- Powers, Bradford W., to Consolidated Vultee Aircraft Corp. 2,697,568, Cl. 244—87.
- Powers, Carl A., and G. B. Ayres, to Davis & Geck, Inc. 2,694,487, Cl. 206—63.3.
- Powers Chemco, Inc.: *See—*
- Anander, Andrew K. 2,694,337.
 - Mally, John P. 2,695,816.
 - Maxwell, John D.
 - Powers, Augustin J., Jr. 2,690,968.
 - Schwarz, George. 2,686,718.
- Powers & Company, assignee: *See—*
- Powers, Frank M.
- Powers, Edison: *See—*
- Sharf, John M., and Powers. 2,680,083.
- Powers, Frank M., River Forest, Ill., assignor to Powers & Company. Tent window. 2,666,441, Jan. 19.
- Powers, Harold O., and G. A. Thwaites, to Libbey-Owens-Ford Glass Co. 2,695,705, Cl. 206—62.
- Powers, James H., to General Electric Co. 2,697,558, Cl. 241—160.
- Powers, John B., assignor to The Regents of The University of California. 2,675,917, Cl. 209—111.
- Powers, John M.: *See—*
- Schmidt, Albert J., and Powers. 2,688,644.
- Powers, John M., and R. A. Speed, to Standard Oil Development Co. 2,688,045, Cl. 260—674.
- Powers, Kerns H.: *See—*
- Sziklai, George C., and Powers. 2,682,615.
- Powers, Marion D.: *See—*
- Epstein, Leon F., Howland, and Powers. 2,680,071.
- Powers, Milton A. 2,689,048, Cl. 210—148.
- Powers, Mitchell R.: *See—*
- Park, Joseph K., and Powers. Re. 23,886.
- Powers-Samas Accounting Machines Ltd.: *See—*
- Baldwin, Richard E. 2,688,916.
 - English, Francis G. S., and Hewitt. 2,685,409.
 - English, Francis G. S., and Johnson. 2,687,644.
 - Guttridge, Eric J., and Parmenter. 2,692,729.
 - Johnson, William E., and Munro. 2,674,652.
 - Perrin, John.
 - Perrin, John. 2,694,491.
 - Thomas, Arthur, and Gausden. 2,697,601.
- Powers, Walter D., assignee: *See—*
- Mangum, James N., and Raley. 2,679,905.
- Powers, Walter D. 2,696,262, Cl. 166—103.
- Powers, William H. 2,675,014, Cl. 135—60.
- Pownall, Harold D.: *See—*
- McKissack, John, and Pownall. 2,693,921.
- Poyner, Russell R., to International Harvester Co. 2,682,729, Cl. 47—1.3.
- Poznik, William, Hawthorne, Calif. Protective automatic circuit breaking arrangement for automobiles. 2,669,664, Feb. 16.
- Prachar, Otakar P.: *See—*
- McDowall, Charles J., Wheatley, Prachar, and Gaudatz. 2,675,174.
- Prachay, Jean R. A., to The American Security Co. 2,690,629, Cl. 49—45.
- Prache, Marie P., Versailles, France, assignor to Lignes Telegraphiques & Telephoniques. Transmission line with magnetic loading. 2,669,603, Feb. 16.
- Praeg, Walter S., and A. B. Bassoff, Detroit, Mich., assignors, by mesne assignments, to The Fellows Gear Shaper Company, Springfield, Vt. Gear shaper. 2,669,906, Feb. 23.
- Praeg, Walter S., assignor, by mesne assignments, to The Fellows Gear Shaper Company. 2,678,587, Cl. 90—8.
- Praeg, Walter S., to National Broach & Machine Co. 2,686,956, Cl. 29—103.
- Praeg, Walter S., to National Broach & Machine Co. 2,692,535, Cl. 90—1.6.
- Prager, Hans J., Maplewood, N. J., assignor to Radio Corporation of America. Ruggedized electron tube. 2,666,866, Jan. 19.
- Prager, William, Hoxsie, R. I., assignor to United States Rubber Company, New York, N. Y. Flexible shipping container. 2,672,902, Mar. 23.
- Prance, Stanley R.: *See—*
- Reindl, Harold J., and Prance. 2,683,112.
- Prance, Stanley R., and H. J. Reindl, to General Motors Corp. 2,683,113, Cl. 204—33.
- Prance, Stanley R., and H. O. Waag, to General Motors Corp. 2,684,310, Cl. 117—138.8.
- Prangley, Curtis F.: *See—*
- Moore, James B., and Prangley. 2,679,308.
- Praschak, Henry A. 2,676,382, Cl. 25—41.
- Prassas, John K. 2,687,766, Cl. 155—106.
- Prat-Daniel Corporation, assignee: *See—*
- Whiton, Louis C. 2,674,403.
- Prather, Edwin E., assignor to Bendix Aviation Corporation. South Bend, Ind. Clutch control mechanism. 2,665,785, Jan. 12.
- Pratt, Burt C.: *See—*
- Arthur, Paul, Jr., and Pratt.
- Pratt, Edward H., Belleville, assignor to Ace Metal Products, Inc., New Baden, Ill. Awning. 2,666,964, Jan. 26.
- Pratt, Fletcher J.: *See—*
- McGilchrist, Elton E., and Pratt. 2,687,827.
- Pratt, Herbert A.: *See—*
- Bailey, James, and Pratt. 2,674,006.
- Pratt, Herbert L., to W. D. Allen Mfg. Co. 2,686,644, Cl. 248—90.
- Pratt, James R.: *See—*
- Menning, Ralph H., Manley, and Pratt.
- Pratt, James R., to The Vendo Co. 2,697,955, Cl. 81—3.3.

- Pratt, James S.: *See*—
Epstein, Meyer and Pratt. 2,688,381.
- Pratt, John W.: *See*—
Hazelton, George, and Pratt. 2,692,999.
- Pratt, Kenneth W.: *See*—
Meyer, Alfred W., Firing, and Pratt. 2,696,639.
- Pratt, Leo, Georgetown, S. C. Fluid pressure actuated valve with stop means. 2,665,712, Jan. 12.
- Pratt, Leonard C., to Millers Falls Co. 2,693,541, Cl. 310—50.
- Pratt-Low Preserving Co.: *See*—
Laurence, Vane. 2,687,156.
- Pratt, Ogden N. 2,689,954, Cl. 1—46.
- Pratt, Read & Co., Inc.: *See*—
Stein, Charles F. 2,684,006.
- Pratt, Robert S., to The M. W. Kellogg Co. 2,683,078, Cl. 23—190.
- Pratt, Verne L.: *See*—
Hartzell, Eugene, and Pratt. 2,692,461.
- Pratt, William J.: *See*—
Johnson, David A., and Pratt. 2,693,141.
- Pratt, William S., Pleasant Valley, assignor to Plax Corporation, West Hartford, Conn. Molding process. 2,669,752, Feb. 23.
- Preble, Harry, Jr.: *See*—
Green, Xan B. K., and Preble. 2,694,887.
Green, Xan B. K., and Preble. 2,694,938.
- Preble, Norman H., Detroit, Mich., and W. A. Goss, Zanesville, Ohio, assignors to Detroit Harvester Company, Detroit, Mich. Mower structure. 2,669,825, Feb. 23.
- Precisa A. G. Rechenmaschinenfabrik: *See*—
Benninger, Eugen. 2,682,371.
- Precision Building System, Inc.: *See*—
Zagray, Harold F. 2,696,102.
- Precision Developments Company Limited, assignee: *See*—
Olah, George.
- Precision Parts Corporation, assignee: *See*—
Harmen, Paul V.
- Precision Products, Inc.: *See*—
McGay, John B., Cliff, and Ridley. 2,694,287.
- Precision Thermometer and Instrument Company, assignee: *See*—
Mumberg, Fritz H.
- Preco Inc.: *See*—
MacLeod, David E., and Fuchs. 2,695,468.
- Preen, Sidney D., Long Beach, Calif. Sewer cleaning ball. 2,668,307, Feb. 9.
- Preferred Utilities Mfg. Corp.: *See*—
Breed, Bowman K. 2,692,015.
- Preformed Line Products Co.: *See*—
Peterson, Thomas F. 2,691,865.
- Preis, Carl G., and R. E. J. Nordquist, to American Can Co. 2,682,344, Cl. 214—6.
- Preis, Paul: *See*—
Scheid, Erich M., and Preis.
- Preisinger, Carl M., 30% to K. T. Snow, and 10% to M. Wagner. 2,693,940, Cl. 257—133.
- Preiss, Willy, to V. Mueller & Co. 2,689,080, Cl. 230—207.
- Preiswerk, Eduard: *See*—
Gams, Alphonse, Kraus, Preiswerk, Widmer, and Wieland. 2,682,490.
- Preload Co., Inc., The: *See*—
Crom, John M. and J. 2,696,040.
- Premier Research Laboratories Inc., assignee: *See*—
Font, Ramón. 2,677,775.
- Premier Saf-Brake Co., Inc., assignee: *See*—
Bird, Ernest M.
- Premo, Lewis W.: *See*—
Leifer, Lorenz A., and Premo. 2,686,448.
- Premo, Owen D. 2,680,321, Cl. 43—44.82.
- Prendergast, Walter S.: *See*—
Britton, Brigham, and Prendergast. 2,690,806.
- Prentice, Charles E. 2,681,670, Cl. 144—208.
- Prentice, G. E. Mfg. Co., The: *See*—
Legat, Robert C. 2,681,864.
Legat, Robert C. 2,693,693.
- Prentice, Thomas G., Detroit, Mich. Fishing lure. 2,670,558, Mar. 2.
- Prentiss, Augustin M., to Niles-Bement-Pond Co. 2,691,268, Cl. 60—39.28.
- Preotle, John J.: *See*—
Teeter, Wilford H., and Preotle. 2,690,652.
- Prepo Corp.: *See*—
Falligant, Louis A. 2,683,484.
- Prescott, Charles J., Jr., to Bennett Inc. 2,693,424, Cl. 106—230.
- Prescott, James H., and E. V. Dunathan, to Standard Oil Development Co. 2,696,113, Cl. 73—194.
- Prescott, Lewis A., Jr.: *See*—
Smith, Waldo W., and Prescott.
- Prescott, Robert E.: *See*—
Pferd, William, and Prescott. 2,685,946.
- Presentey, Shelley, Bordeaux, France. Reciprocating pump. 2,669,937, Feb. 23.
- Presley, Judd B., Clayton, and L. Forman, St. Louis, Mo. Mixing device having holder for beverage. 2,667,339, Jan. 26.
- Presnell, Frank G., to Bendix Aviation Corp. 2,689,585, Cl. 137—622.5.
- Presnell, Harry E., Mesa, Ariz. Expansible house trailer and building. 2,670,986, Mar. 2.
- Presque Isle Laboratories and Manufacturing, Inc., assignee: *See*—
Bierly, Lester A.
- Press, Arthur C. 2,687,700, Cl. 107—20.
- Pressed Steel Car Company, Inc., assignee: *See*—
Mallow, Robert J., and Stradtman. 2,677,452.
- Pressey, Donald E., Stillwater, and J. M. Conley, Orono, Maine. Automatic feed line cutoff and drain for oil burners. 2,667,215, Jan. 26.
- Pressler, Ralph B., to Bowser, Inc. 2,697,943, Cl. 73—200.
- Pressler, Warren A. 2,681,586, Cl. 84—1.27.
- Presstite Engineering Co., The: *See*—
Sussenbach, Paul. 2,698,269.
- Pressure Packaging Corp.: *See*—
Cooksey, Ralph D. 2,686,081.
- Presswell, Richard W., to Submarine Cables Ltd. 2,697,739, Cl. 174—70.
- Prestidge, Marion T., and R. M. Courtney. 2,677,350, Cl. 119—61.
- Presto Lighters Limited, assignee: *See*—
Fortin, Charles A. 2,675,205.
- Presto Recording Corp.: *See*—
Saliba, George J., and Gruber. 2,683,038.
- Preston, George L.: *See*—
Watson, Edmund A., and Preston.
- Preston, John: *See*—
Belar, Herbert, and Preston. 2,678,895.
Olson, Harry F., Preston, and Bleazey. 2,680,787.
- Preszler, Alvin. 2,683,026, Cl. 259—176.
- Prete, Mike, Wichita, Kans. Crutch tip. 2,667,885, Feb. 2.
- Preud'Homme, Jean, assignor to Societe des Usines Chimiques Rhone-Poulenc. 2,680,736, Cl. 260—210.
- Preventive Maintenance Company, assignee: *See*—
Bloxsom, Eugene S.
- Pre-Vest, Inc., assignee: *See*—
Watts, Claude H., Jr. 2,675,322.
- Previdi, William. 2,682,981, Cl. 224—5.
- Prevo, Samuel B. 2,696,817, Cl. 128—92.
- Prevost, Bruno E., assignor to John W. Bolton & Sons, Inc. 2,674,163, Cl. 92—27.
- Prevost, Bruno E., to John W. Bolton & Sons, Inc. 2,686,462, Cl. 92—46.
- Preway Inc.: *See*—
Jenson, Kenneth S. 2,695,604.
Jenson, Kenneth S., and Nelson. 2,695,554.
Jenson, Kenneth S., and Suhr. 2,697,429.
Snyder, Wesley J., Griffin, and Dominick. 2,680,524.
Suhr, Frederick W. 2,695,624.
- Prewitt Aircraft Co., assignee: *See*—
Larson, Martin.
- Prewitt, Richard H., assignee: *See*—
Larson, Martin.
- Priban, Milton L.: *See*—
Rhyne, Earl C., Jr., Behr, and Priban. 2,680,829.
- Priban, Milton L., to Cline Electric Mfg. Co. 2,683,246, Cl. 318—45.
- Pribil, Richard F., and S. Falbaum, assignors to North American Aviation, Inc. 2,679,367, Cl. 244—82.
- Price, Alfred S., Teaneck, N. J. Storage battery top protector. 2,671,599, Mar. 9.
- Price, Berry G., Houston, assignor, by mesne assignments, to Tuboscope Company, Harris County, Tex. Means for transferring collars. 2,669,773, Feb. 23.
- Price, Berry G., and F. M. Wood, to Tuboscope Co. 2,685,672, Cl. 324—37.
- Price, Charles C., O. H. Bullitt, Jr., H. E. Hudson, Jr., and A. M. Buswell, to the United States of America as represented by the Secretary of War. 2,691,626, Cl. 202—60.
- Price, Charles S., New York, N. Y. Adhesive metal foil, bottle cap thereof, and method. 2,666,542, Jan. 19.
- Price, Charles S. 2,689,074, Cl. 226—85.
- Price, Earl R.: *See*—
Thomas, Thomas H., Price, and Long. 2,695,531.
- Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Switch mechanism. 2,666,103, Jan. 12.
- Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Power brake control. 2,669,329, Feb. 16.
- Price, Earl R., to Bendix Aviation Corp. 2,683,352, Cl. 60—54.6.
- Price, Earl R., to Bendix Aviation Corp. 2,685,170, Cl. 60—54.6.
- Price, Earl R., to Bendix Aviation Corp. 2,685,171, Cl. 60—54.6.
- Price, Earl R., to Bendix Aviation Corp. 2,685,172, Cl. 60—54.6.
- Price, Earl R., to Bendix Aviation Corp. 2,694,468, Cl. 188—3.
- Price, Earl R., to Bendix Aviation Corp. 2,695,500, Cl. 60—54.6.
- Price, Earl R., to Bendix Aviation Corp. 2,695,983, Cl. 318—267.
- Price, Edward, to Minneapolis-Honeywell Regulator Co. 2,683,992, Cl. 74—110.
- Price, Edward H.: *See*—
McGrew, Frank C., and Price. 2,687,440.
- Price, Edward H., and W. S. Johnson, to E. I. du Pont de Nemours and Company. 2,687,441, Cl. 260—653.

- Price Electric Corp.: *See*—
Gordon, Ralph G. 2,697,935.
Miller, Lee F. 2,683,785.
- Price, Floyd W. 2,687,048, Cl. 16—86.
- Price, George W., to the United States of America as represented by the United States Atomic Energy Commission. 2,685,665, Cl. 317—149.
- Price, Harold W., Pasadena, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission operating mechanism. 2,665,594, Jan. 12.
- Price, James F.: *See*—
Korman, Nathaniel I., Price, and Ford. 2,698,377.
- Price, James F., Miami, Fla. Reversible latch and lock for slidable closure devices. 2,666,319, Jan. 19.
- Price, John A., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Polymerizable and polymerized compositions comprising an N-vinyl-N-alkyl guanidine. 2,671,076, Mar. 2.
- Price, Lawrence, Carlton, Pa. Adjustable tight line holder. 2,667,695, Feb. 2.
- Price, Manley R. 2,676,365, Cl. 20—4.
- Price, Manley R. 2,676,679, Cl. 189—35.
- Price, Nathan C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Fuel injection and burner system for reactive propulsion power plants. 2,667,741, Feb. 2.
- Price, Nathan C., St. Helena, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Orientable jet-propulsion system for aircraft. 2,668,026, Feb. 2.
- Price, Nathan C., to Besler Corp. 2,695,131, Cl. 230—127.
- Price, Ralph E., and H. E. Balsiger, to Landis Tool Co. 2,697,426, Cl. 125—11.
- Price, Raymond M., and A. F. Roche, assignors to The Dow Chemical Company. 2,674,588, Cl. 260—45.95.
- Price, Raymond M., & Associates, Inc., assignee: *See*—
Peters, Lewis E. 2,680,839.
- Price, Robert A., assignor to Bell Aircraft Corporation. 2,680,648, Cl. 299—30.
- Price, Walter E., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Acetal preparation. 2,668,862, Feb. 9.
- Price's Patent Candle Company Limited, assignee: *See*—
Keogh, Daniel J. 2,679,069.
- Prichard, William W., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparation of N-alkyl aromatic amines. 2,671,807, Mar. 9.
- Prichard, William W., assignor to E. I. du Pont de Nemours and Company. 2,680,750, Cl. 260—346.7.
- Prichard, William W., assignor to E. I. du Pont de Nemours and Company. 2,680,751, Cl. 260—346.7.
- Prichard, William W., to E. I. du Pont de Nemours and Co. 2,696,503, Cl. 260—544.
- Prichard, William W., and W. J. Wayne, to E. I. du Pont de Nemours and Co. 2,693,491, Cl. 260—563.
- Pride, Sheldon F.: *See*—
Butler, Wendell, and Pride. 2,683,024.
- Pridmore, Thomas C., and G. W. Nagel, assignors to West-Pridy, Whetstine B., Long Beach, Calif. Two-way pipe roller rest. 2,667,978, Feb. 2.
- Pridy, Whetstine B. 2,676,715, Cl. 214—77.
- Priebe, Frank K.: *See*—
Guttwein, Gunter K., and Priebe. 2,695,211.
- Priebe, Frederick G., assignor of $\frac{1}{3}$ to W. J. Priebe. 2,674,687, Cl. 240—10.
- Priebe, William J., assignee: *See*—
Priebe, Frederick G. 2,674,687.
- Priesmeyer, Charles, to Meyer & Wenthe, Inc. 2,688,265, Cl. 78—25.
- Priess, Hans, Nienburg au der Weser, Germany. Ruler. 2,670,541, Mar. 2.
- Priest, Dwight E., to Parker Mfg. Co. 2,689,131, Cl. 279—101.
- Priest, Lester, assignor to McLaurin-Jones Co., Brookfield, Mass. Rewinding machine. 2,670,152, Feb. 23.
- Priest, William J., to Eastman Kodak Co. 2,691,604, Cl. 117—60.
- Priester, Edwin W., assignor to Empire Shades, Incorporated. 2,677,756, Cl. 240—108.
- Priestly, Frank P., to Admiral Corp. 2,695,526, Cl. 74—199.
- Prieto, Fernando G. 2,677,931, Cl. 60—35.54.
- Prijatel, Edward A., assignor to Borg-Warner Corporation. 2,680,453, Cl. 137—490.
- Prill, Erhard J., assignor to United States Rubber Company. 2,676,179, Cl. 260—326.
- Prime Manufacturing Company, assignee: *See*—
Kelly, Daniel A.
Ridderstrom, Andrew R. 2,673,995.
- Primich, Theodore. 2,692,417, Cl. 24—268.
- Primich, Theodore. 2,698,031, Cl. 138—74.
- Primim, Ralph E., assignor to Rome Hosiery Mills. 2,674,111, Cl. 66—172.
- Primorganics, Inc.: *See*—
Whittingham, Barron S., and Bergman. 2,681,351.
- Prince, Alfred L., to Research Corp. 2,686,217, Cl. 178—1.
- Prince, Clarence F., assignor to Package Machinery Company. 2,680,336, Cl. 53—131.
- Prince, David C. 2,676,278, Cl. 310—64.
- Prince, David C., assignor to General Electric Company. 2,677,430, Cl. 170—160.25.
- Prince, David C., assignor to General Electric Company. 2,677,431, Cl. 170—160.27.
- Prince Gardner Company, assignee: *See*—
Koelling, Edward A. 2,680,369.
- Prince, Leon M., Jr., and L. G. Willke, assignors to the United States of America as represented by the Secretary of War. 2,678,603, Cl. 102—6.
- Princess Anne Cartons, Inc.: *See*—
Glazer, Meyer, and Byrum. 2,685,403.
- Princeton Knitting Mills, Inc.: *See*—
Duryee, Lawrence M. 2,688,789.
Duryee, Lawrence M. 2,689,393.
- Pring, Robert T., to American Wheelabrator & Equipment Corp. 2,696,275, Cl. 183—30.
- Pringle, Paul V.: *See*—
Ferguson, George, and Pringle. 2,687,921.
- Pringle, Robert S., Jr. 2,695,109, Cl. 214—383.
- Pringle, Robert W.: *See*—
Martin, Philip W., and Pringle. 2,686,268.
- Pringle, Robert W., K. I. Rouliston, and G. M. Brownell. 2,686,266, Cl. 250—71.
- Prins, Dougal W. S.: *See*—
Prins, Winston C. E. and D. W. S.
- Prins, Winston C. E., and D. W. S. Prins, Washington, D. C. Rotary scraper, abrading, or polishing tool. 2,664,586, Jan. 5.
- Printing Arts Research Laboratories, Inc.: *See*—
Marx, Walter S., Jr. 2,687,949.
- Printing Developments, Inc.: *See*—
Geese, Charles F., and Lytle. 2,678,299.
Leekley, Robert M. 2,678,275.
Murray, Margaret H. 2,687,345.
- Printing Die Company, The, assignee: *See*—
Fuerst, Edwin W. and W. F. 2,678,510.
- Prismatic, Inc.: *See*—
Musser, C. Walton. 2,690,736.
- Pritchard, Dalton H.: *See*—
Schroeder, Alfred C., and Pritchard. 2,681,379.
- Pritchett, Wesley E. 2,698,039, Cl. 146—258.
- Pritikin, Nathan. 2,692,190, Cl. 41—42.
- Prittie, Robert N., assignor to Jack & Heintz, Inc. 2,679,170, Cl. 74—785.
- Privett, Alva H. 2,675,457, Cl. 219—35.
- Privett, Bertell F.: *See*—
Brazil, Thomas C., Fisk, and Privett. 2,688,185.
- Pro, George M.: *See*—
Andrews, Boley A., and Pro. 2,695,001.
- Probasco, Harold T., assignor to Oak Manufacturing Company, Inc. 2,680,540, Cl. 222—349.
- Probert, Leslie E., W. A. Sutton, and F. Cork, assignors to Rolls-Royce Limited. 2,680,081, Cl. 117—127.
- Probert, Rhys P., assignor to Power Jets (Research and Development) Limited. 2,679,137, Cl. 60—39.72.
- Probert, William R.: *See*—
Marshall, William A., and Probert. 2,681,069.
- Probst, Robert L. 2,685,730, Cl. 29—205.
- Process Chemicals Company, assignee: *See*—
Katzman, Morris. 2,679,504.
- Process Engineers Incorporated, assignee: *See*—
Kivari, Arthur M., and Kelly. 2,679,477.
- Process Gear and Machine Co.: *See*—
Klomp, Alfred W. 2,681,596.
- Processed Seeds Inc., assignee: *See*—
Vogelsang, Phelps.
Vogelsang, Phelps. 2,675,942.
- Procter & Gamble Co., The: *See*—
Ferguson, Ralph H., and Rosevear. 2,686,761.
Wheelock, Charles E., and Reynolds.
- Procter, Samuel A. 2,688,712, Cl. 315—30.
- Proctor, Barton A., to Proctor Dictation Machine Corp. 2,685,772, Cl. 274—13.
- Proctor, Barton A., $\frac{18}{100}$ to S. E. Proctor, $\frac{18}{100}$ to R. C. Proctor, $\frac{18}{100}$ to B. A. Proctor, Jr., and $\frac{10}{100}$ to A. C. Nolte. 2,693,363, Cl. 274—23.
- Proctor, Barton A., and B. A. Proctor, Jr., assignors of $\frac{18}{100}$ to S. E. Proctor, $\frac{18}{100}$ to R. C. Proctor, $\frac{18}{100}$ to B. A. Proctor, Jr., $\frac{36}{100}$ to B. A. Proctor, Sr., and $\frac{10}{100}$ to A. C. Nolte. 2,674,895, Cl. 74—194.
- Proctor, Barton A., Jr.: *See*—
Proctor, Barton A. 2,693,363.
Proctor, Barton A., and B. A. Proctor, Jr. 2,674,895.
- Proctor, Barton A., Sr., assignee: *See*—
Proctor, Barton A., and B. A. Proctor, Jr. 2,674,895.
- Proctor Dictation Machine Corp.: *See*—
Proctor, Barton A. 2,685,772.
- Proctor, Donald R.: *See*—
Hasler, Maurice F., Proctor, Kemp, and Lindhurst. 2,675,734.
- Proctor Electric Co.: *See*—
Clapp, Daniel E.
Eckhout, Roger V. 2,686,531.
Hilldale, John H.
Hortman, Harvey E., Jr., and Turner. 2,697,156.
Kendrick, William S.
Turner, Charles R. and P. G. 2,691,082.
Vogelsberg, Walter H.
Vogelsberg, Walter H. 2,685,636.
- Proctor, Robert C.: *See*—
Proctor, Barton A. 2,693,363.
Proctor, Barton A., and B. A. Proctor, Jr. 2,674,895.
- Proctor, Robert E., Jr. 2,678,621, Cl. 116—56.
- Proctor, Ronald R., and D. J. Wangelin, assignors to The Pure Oil Company. 2,679,182, Cl. 88—14.
- Proctor, Sarah E.: *See*—
Proctor, Barton A. 2,693,363.
Proctor, Barton A., and B. A. Proctor, Jr. 2,674,895.

- Proctor & Schwartz, Inc.: *See*—
 Bogaty, Stanislaus, and Hurxthal. 2,679,115.
 Hamilton, John. 2,680,279.
 Redman, Frank R., Hamilton, and Wilson. 2,684,519.
 Senior, John H., and Riehl. 2,676,361.
 Snedaker, Harry P., and Wilson. 2,693,954.
- Proctor, Sidney E., assignor to Austin Hoy and Company Limited. 2,675,219, Cl. 262—33.
- Proctor, Warren G., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. 2,680,809, Cl. 250—27.
- Prodoplast Corp.: *See*—
 Ditlea, Joseph. 2,682,290.
- Producers Cotton Oil Co.: *See*—
 Steele, Macon L. 2,681,474.
- Product Miniature Company, assignee: *See*—
 Ford, William E.
- Production Incorporated, assignee: *See*—
 Marsh, Russell E. 2,679,280.
- Productive Equipment Corp.: *See*—
 Soldan, Lewis E. 2,679,318.
 Soldan, Lewis E. 2,693,331.
- Productive Inventions, Inc.: *See*—
 Krohm, Fred A. 2,684,079.
 Krohm, Fred A. 2,684,258.
 Krohm, Fred A. 2,684,261.
 Krohm, Fred A. 2,693,118.
 Krohm, Fred A. 2,696,805.
 Krohm, Fred A. 2,697,419.
 Smulski, Theodore J. 2,683,985.
- Producto Machine Company, The, assignee: *See*—
 Marsilius, Newman M.
 Marsilius, Newman M. 2,678,722.
- Products Designs Co., assignee: *See*—
 Beck, Morris B.
- Products & Licensing Corp.: *See*—
 Toulon, Pierre M. G.
 Toulon, Pierre M. G. 2,685,664.
 Toulon, Pierre M. G. 2,686,261.
 Toulon, Pierre M. G. 2,689,928.
 Toulon, Pierre M. G. 2,691,151.
- Produits Perfectone S. A.: *See*—
 Bessire, Henri. 2,681,224.
 Bessire, Jean-Jacques. 2,697,756.
- Produtos Quimicos Guarani S/A.: *See*—
 Testa, Aldo P. 2,692,709.
- Proebstle, Leonard J., Massillon, assignor to Goodyear Aircraft Corporation, Akron, Ohio. Supporting enclosure for jettisonable flexible fuel cells. 2,670,162, Feb. 23.
- Proehl, Henry F., Alexandria, Minn. Boat carrier. 2,667,984, Feb. 2.
- Proell, Wayne A., to Standard Oil Co. 2,684,952, Cl. 260—23.
- Progress Mfg. Co., Inc.: *See*—
 Lane, David. 2,688,690.
 Rosen, Ruben P. 2,688,688.
- Prohaska, James J.: *See*—
 Thomas, Marion J., and Prohaska. 2,676,890.
- Prohaska, James J., to Swift & Co. 2,685,518, Cl. 99—109.
- Prokop, Frank J., and M. M. Pellar, to Da-Lite Screen Co., Inc. 2,696,249, Cl. 160—24.
- Promundo, assignee: *See*—
 Handschin, Max G.
- Pro-Nyl Chemicals, Inc.: *See*—
 Hendrix, Palmer G. 2,692,238.
- Proportioneers, Inc.: *See*—
 Armbrust, Henry N. 2,681,153.
 Lowe, Rudy P.
 Lowe, Rudy P. 2,677,466.
- Prosek, John R.: *See*—
 Harris, Charles D., Eichhorn, Prosek, and McNamara.
- Prosek, John R., assignor to International Harvester Company. 2,674,105, Cl. 62—127.
- Prosek, John R., and J. A. Galazzi, to International Harvester Co. 2,694,296, Cl. 62—115.
- Prosen, Emil M., assignor to Nobilium Processing, Inc. 2,674,571, Cl. 204—140.5.
- Prosilis: *See*—
 Bouchet, Georges. 2,687,126.
- Proske, Joseph, to Burgess-Norton Mfg. Co. 2,687,923, Cl. 305—10.
- Prosperity Company, Inc., The, assignee: *See*—
 Davis, Ernest, and McCallum.
- Prossen, Louis F., Cliffside, N. J., assignor to Celanese Corporation of America, New York, N. Y. Carton. 2,673,022, Mar. 23.
- Prosser, Clinton D., to International Harvester Co. 2,694,280, Cl. 56—15.
- Prosser, Lewis S., Jr., Shawnee, Kans. Roller platen control in addressing machines. 2,666,383, Jan. 19.
- Prost, Gilmore J. 2,683,496, Cl. 180—50.
- Protair Corp.: *See*—
 Stoner, Eugene M. 2,681,718.
- Protasoff, George, Baltimore, Md. Bottle stopper. 2,672,999, Mar. 23.
- Protectoseal Co.: *See*—
 Lebus, William A.
 Lebus, William A. 2,695,161.
 Lisciani, Constantine. 2,685,386.
 Lisciani, Constantine. 2,685,984.
 Lisciani, Constantine. 2,691,464.
- Prototypa, narodni podnik: *See*—
 Werner, Vilém, and Kubelka. 2,674,272.
 Werner, Vilém and Kubelka. 2,688,345.
- Protzeller, Harry W., to Nordberg Mfg. Co. 2,697,290, Cl. 37—105.
- Proulx, Eugene H., to The Hilliard Corp. 2,687,805, Cl. 210—169.
- Provence, Herbert H. 2,678,099, Cl. 164—51.
- Provenzano, Mike A., assignor to The Brearley Company, Rockford, Ill. Bathroom scale. 2,667,387, Jan. 26.
- Provenzano, Mike A., assignor to The Brearley Company, Rockford, Ill. Bathroom scale. 2,668,045, Feb. 2.
- Provincial Paper, Ltd.: *See*—
 Masterman, Frederick E. 2,697,669.
- Prucha, Frank. 2,682,675, Cl. 15—29.
- Prucino, Lawrence J.: *See*—
 Langerak, Esley O., Prucino, and Remington. 2,692,873.
- Pruden Products Co.: *See*—
 Prudhon, Clark, to Pruden Products Co. 2,687,687, Cl. 98—116.
 Prudhon, Clark. 2,687,687.
- Prudlo, Eugene M., Cudahy, Wis. Self-cleaning rake. 2,671,302, Mar. 9.
- Pruellage, Frank J.: *See*—
 Machado, Anthony B., and Pruellage.
- Prupis, Robert I., and A. Bashover, to Conmar Products Corp. 2,697,227, Cl. 2—234.
- Prusan, Irving E. 2,677,488, Cl. 227—49.
- Prutton, Carl F., Cleveland Heights, assignor to The Lubrizol Corporation, Wickliffe, Ohio. Lubricants. 2,665,252, Jan. 5.
- Pryde, Everett H., to E. I. du Pont de Nemours and Co. 2,684,888, Cl. 23—14.
- Pryne, Ralph, Pomona, Calif. Means for securing light transmitting panes in window frames. 2,665,783, Jan. 12.
- Pryor, Edmund J., M. G. Fleming, and S. A. Wrobel. 2,698,088, Cl. 209—166.
- Pryor, Richard R., to Pittsburgh Plate Glass Co. 2,692,654, Cl. 183—45.
- Pryor, Robert C., and G. G. Hebard, to Phillips Petroleum Co. 2,684,575, Cl. 61—46.
- Pryor, William M., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Drop hammer. 2,666,590, Jan. 19.
- Przybylski, Daniel F., Winona, Minn. Interchangeable ground traction for self-propelled vehicles. 2,668,738, Feb. 9.
- Przybylski, Daniel F. 2,689,656, Cl. 212—144.
- Przybylski, Daniel F. 2,689,661, Cl. 214—147.
- Przysiecki, Theodore I., to Teletype Corp. 2,687,265, Cl. 248—298.
- Pschorr, Frank E.: *See*—
 Ansporn, Harry D., and Pschorr. 2,683,705.
 Ansporn, Harry D., and Pschorr. 2,684,341.
 Ansporn, Harry D., and Pschorr. 2,686,174.
 Ansporn, Harry D., and Pschorr. 2,687,555.
- Psenka, Joseph A., to National Broach & Machine Co. 2,683,919, Cl. 29—95.1.
- Psenka, Joseph A., and R. W. Anthony, to National Broach & Machine Co. 2,684,612, Cl. 90—33.
- Publication Corporation, assignee: *See*—
 Behringer, Alfred. 2,676,539.
- Pucci, Joseph, assignor to P. B. R. Manufacturing Co., Philadelphia, Pa. Folding paired legs for tables. 2,665,181, Jan. 5.
- Pucci, Joseph, assignor to P. B. R. Manufacturing Co., Philadelphia, Pa. Folding table with automatic leg locking mechanism. 2,666,683, Jan. 19.
- Puccinelli, Alfred R. 2,693,355, Cl. 268—117.
- Pucher, Leo E., Euclid, assignor to Willard Storage Battery Company, Cleveland, Ohio. Deferred action battery. 2,667,527, Jan. 26.
- Puchy, Clarence G., Lyndhurst, assignor to Jack & Heintz, Inc., Cleveland, Ohio. Electrical system for operating inverters in parallel. 2,668,919, Feb. 9.
- Puckett, Allen E., assignor to the United States of America as represented by the Secretary of War. 2,677,274, Cl. 73—147.
- Puckette, Walter W. 2,687,891, Cl. 275—8.
- Puddington, Ira E.: *See*—
 Sirianni, Aurelio F., and Puddington. 2,682,506.
 Sirianni, Aurelio F., and Puddington. 2,689,224.
- Puerta, Clemente L., assignor of one-half to L. T. Fiese and one-half to L. W. Firstenberger, Fresno, Calif. Safety lubricating device. 2,673,621, Mar. 30.
- Puetzer, Bruno, to Schenley Industries, Inc. 2,688,636, Cl. 260—552.
- Puffer, Harold L., $\frac{1}{2}$ to H. T. Lanigan. 2,687,256, Cl. 236—45.
- Pugh, Joseph M., Jeanerette, assignor of twenty-five per cent to L. C. Lampo, Jr., Iberia Parish, and twenty-five per cent to J & L Engineering Company, Inc., Jeanerette, La. Cane harvesting and piling machine. 2,669,829, Feb. 23.
- Pugh, Stanford W. 2,687,662, Cl. 81—165.
- Puig Salsas, Anastasio, Badalona, Spain. Hand truck with automatic load support adjustment. 2,665,018, Jan. 5.
- Puleston, Ronald: *See*—
 Brewer, Leslie H., Stanley, and Puleston. 2,684,306
- Pullars Instruments Ltd.: *See*—
 Bowen, Tom. 2,681,635.

- Pulles, Jan H.: *See*—
Druz, Walter S., and Pulles. 2,694,103.
- Pulles, Jan H., Chicago, Ill., assignor to Zenith Radio Corporation. Subscription television system. 2,673,240, Mar. 23.
- Pulley, Owen O. 2,686,474, Cl. 103—1.
- Pullin, Cyril G., to Autogiro Co. of America. 2,698,059, Cl. 170—135,22.
- Pullin, Cyril G., Tadburn, Ampfield, and J. S. Shapiro, London, England, assignors, by mesne assignments, to Autogiro Company of America, Philadelphia, Pa. Aircraft sustaining rotor blade damping system. 2,672,202, Mar. 16.
- Pullin, Cyril G., Tadburn, Ampfield, and J. S. Shapiro, London, England, assignors, by mesne assignments, to Autogiro Company of America, Philadelphia, Pa. Helicopter having a jet-driven rotor system. 2,673,696, Mar. 30.
- Pullin, Cyril G., and J. S. Shapiro, assignors, by mesne assignments, to Autogiro Company of America. 2,674,327, Cl. 170—159.
- Pullin, Cyril G., and K. Watson, to Autogiro Co. of America. 2,692,650, Cl. 170—160,25.
- Pullis, George A.: *See*—
Entz, Ferdinand S., Pullis, Ressler, Soffel, and Weber. 2,677,726.
- Pullman, Joseph C., assignor to American Cyanamid Company. 2,675,366, Cl. 260—45,95.
- Pullman, Joseph C., and W. F. Reynolds, Jr., to American Cyanamid Co. 2,694,655, Cl. 117—126.
- Pullman Mfg. Corp.: *See*—
Lewis, Donald M. 2,684,499.
- Pullman-Standard Car Mfg. Co.: *See*—
Candlin, James E., Jr. 2,681,016.
Flora, Clifford T. 2,691,715.
Ghai, Madan L. 2,691,488.
Meldrum, Robert A. 2,690,719.
Meldrum, Robert A. 2,690,822.
Peterson, Hartin F.
Peterson, William H. 2,692,032.
Shaver, William R., and Osner. 2,684,645.
- Pullman Vacuum Cleaner Corp.: *See*—
Holte, Paul C.
Holte, Paul C. 2,690,918.
- Pull-Packaging, Inc., assignee: *See*—
Tamarin, Bernard J. 2,675,169.
- Pulman, William E. R., assignor to C. V. A. Jigs, Moulds & Tools Limited. 2,676,385, Cl. 29—27.
- Pulp Reproduction Company, assignee: *See*—
Risch, Arthur H.
- Puls, Alfred E., to Babee-Tenda License Corp. 2,683,482, Cl. 155—123.
- Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, Metropolis, Ill., assignors to Babee-Tenda License Corporation, Cleveland, Ohio. Infant's or child's table and chair. 2,669,287, Feb. 16.
- Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, assignors to Babee-Tenda License Corporation, Metropolis, Ill. Corner bracket for telescopic engagement with a table. 2,669,496, Feb. 16.
- Puls, Herman. 2,674,958, Cl. 107—1.
- Pulvari, Charles F., to Aerovox Corp. 2,689,283, Cl. 200—113.
- Pulver, Walter M. 2,680,000, Cl. 251—8.
- Pummer, Leo., Chicago, Ill., assignor to McGraw Electric Company, Milwaukee, Wis. Fuse link. 2,665,350, Jan. 5.
- Pump Development Company, The, assignee: *See*—
Hall, Ellis C. 2,675,760.
- Punch Engineering Pty. Limited, assignee: *See*—
Skillman, Thomas S.
Skillman, Thomas S. 2,679,354.
- Punte, William F., to Continental Can Co., Inc. 2,695,736, Cl. 222—489.
- Punton, George C. 2,691,252, Cl. 51—40.
- Punzak, Joseph F., assignor to United Metal Goods Manufacturing Co., Inc. 2,676,453, Cl. 58—26.
- Purcell, Edward M., Cambridge, Mass., assignor, by mesne assignments, to the United States of America. Slot type magnetron. 2,667,601, Jan. 26.
- Purcell, Edward M., to the United States of America as represented by the Secretary of the Navy. 2,681,990, Cl. 250—33,63.
- Purcell, Robert R. 2,687,592, Cl. 43—43,12.
- Purchas, William J., Jr., and R. C. Moser, Grand Rapids, assignors to General Motors Corporation, Detroit, Mich. Hydraulic lash adjuster. 2,667,149, Jan. 26.
- Purchas, William J., Jr., R. C. Moser, and E. B. Etchells, to General Motors Corp. 2,681,644, Cl. 123—90.
- Purden, Robert H., to Joseph Lucas Ltd. 2,687,519, Cl. 340—388.
- Purdue Research Foundation: *See*—
Feuer, Henry, and Harban. 2,679,538.
Lark-Horovitz, Karl, and Whaley. 2,691,577.
Lowe, Edmund W.
Tetrault, Philip A. 2,676,133.
Tetrault, Philip A., and Stark. 2,695,863.
- Purdy, Frederick A. 2,689,724, Cl. 268—35.
- Purdy, Frederick A. 2,689,725, Cl. 268—35.
- Purdy, Frederick A. 2,689,726, Cl. 268—35.
- Purdy, Harold C. 2,686,122, Cl. 95—8.
- Purdy, Kenneth C. 2,682,124, Cl. 40—19.
- Purdy, Rolland M., Bainbridge, assignor to Bendix Aviation Corporation, New York, N. Y. Control apparatus. 2,673,907, Mar. 30.
- Purdy, Rolland M., assignor to Bendix Aviation Corporation. 2,675,449, Cl. 200—170.
- Purdy, Rolland M., assignor to Bendix Aviation Corporation. 2,677,946, Cl. 64—25.
- Purdy, Rolland M., and H. Mainusch, to Bendix Aviation Corp. 2,681,220, Cl. 264—18.
- Pure Oil Co., The: *See*—
Ayers, George W., Geerts, and Chandler.
Ayers, George W., and Sandner. 2,679,471.
Bell, Richmond T. 2,685,605.
Bernard, George G. 2,691,109.
Bond, Donald C.
Bond, Donald C. 2,693,855.
Bond, Donald C., and Bernard. 2,675,083.
Bond, Donald C., and Bernard. 2,679,294.
Bond, Donald C., and Lorenz. 2,690,428.
Brennan, Elmer W.
Brennan, Elmer W., Chapman, and Wolfram. 2,678,937.
Edgar, Robert G. 2,675,706.
Fox, Charles H. 2,676,602.
Hatfield, Jesse M. 2,691,508.
Heal, Paul E. 2,687,574.
King, Edward P.
Lorenz, Roy H.
Marshall, William A.
Marshall, William A. 2,693,857.
Mathy, Anton. 2,693,596.
Proctor, Ronald R., and Wangelin. 2,679,182.
- Pureka, Thomas T., to the United States of America as represented by the Secretary of the Army. 2,694,795, Cl. 333—83.
- Purex Corp., Ltd.: *See*—
Hofstetter, Jack H., and Wiewandt. 2,689,647.
Stoneman, Alan C.
Stoneman, Alan C., and Davidson. 2,679,331.
- Purifoy, George R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamic-braking protection. 2,666,877, Jan. 19.
- Purifoy, George R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamic-braking motor-protection. 2,669,679, Feb. 16.
- Purifoy, George R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Motor-control prior to dynamic braking. 2,669,681, Feb. 16.
- Purifoy, George R., and R. E. Burkhart, to Westinghouse Electric Corp. 2,693,562, Cl. 318—251.
- Purington, Ellison S., assignor, by mesne assignments, to Radio Corporation of America. 2,676,317, Cl. 343—13.
- Purington, Ellison S., and J. H. Hammond, Jr., said Purington assignor to said Hammond, Jr. 2,680,148, Cl. 178—6,7.
- Puritan Cordage Mills, assignee: *See*—
Andriot, Lawrence J., Jr. 2,678,724.
- Purkey, Edward L., Oklahoma City, Okla. Control for vehicles. 2,667,939, Feb. 2.
- Purolator Products, Inc.: *See*—
Kovacs, Julius P. 2,691,429.
Layte, Ralph R. 2,675,127.
- Purrrington, Rollo. 2,696,838, Cl. 139—29.
- Pursche, Harry A., Gardena, Calif. Tractor mounted two-way plow. 2,666,376, Jan. 19.
- Pursche, Harry A., Gardena, Calif. Disk harrow. 2,669,818, Feb. 23.
- Pursche, Harry A. 2,675,749, Cl. 97—32.
- Pursel, Marshall A. 2,675,807, Cl. 128—372.
- Pursey, Alfred W. G., to Remington Rand Inc. 2,689,570, Cl. 129—16.
- Purves, John H., to Winner, Inc. 2,684,486, Cl. 2—221.
- Purvis, Carroll E. 2,682,269, Cl. 130—30.
- Purvis, Joseph T.: *See*—
Boyd, Winnett, and Purvis. 2,681,837.
- Purvis, Joseph T., North York Township, York County, Ontario, and L. C. Secord, Toronto, Ontario, assignors to A. V. Roe Canada Limited, Malton, Ontario, Canada. Rotor blade. 2,669,383, Feb. 16.
- Puryear, Oney P.: *See*—
Dilworth, John P., Finn, and Puryear.
- Puschhof, Siegfried: *See*—
Feichtinger, Hans, Kolling, and Puschhof.
Tramm, Heinrich, Geiser, Kolling, and Puschhof. 2,683,688.
- Pusey & Jones Corp., The: *See*—
Hart, Harry H. 2,684,019.
Ohlson, Paul E., and Hodge. 2,677,898.
Ohlson, Paul E., and Hodge. 2,677,899.
- Pusey, Wesley B., to Federal-Mogul Corp. 2,683,066, Cl. 308—190.
- Pusey, Wesley B., and A. R. Spicacci, assignors to Bearings Company of America, Lancaster, Pa. Bearing mounting. 2,673,129, Mar. 23.
- Pusztay, Russell J., assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company. 2,679,437, Cl. 308—6.
- Putman, Robert C., and W. M. Kleibacker, assignors to United Shoe Machinery Corporation. 2,676,870, Cl. 8—94,33.
- Putnam, Frank L. 2,696,246, Cl. 155—12.
- Putnam Needle Company, The, assignee: *See*—
Dean, Elliott D. 2,679,312.

- Putnam, Thad L.: *See*—
Blackman, Glenn R., and Putnam. 2,687,909.
Putnam, Tom W. 2,690,846, Cl. 214—2.5.
- Putscher, Kenneth L.: *See*—
Turnbull, Norman K., Kroeger, and Putscher. 2,675,872.
- Putter, Irving: *See*—
Howe, Eugene E., and Putter. 2,680,744.
- Puttman, Benjamin, Fairfield County, assignor to Yankee Metal Products Corporation, Norwalk, Conn. Automobile mirror attaching bracket. 2,666,611, Jan. 19.
- Puttman, Benjamin, to Yankee Metal Products Corp. 2,684,601, Cl. 74—484.
- Putz, Rodney B., Burbank, assignor to Don Baxter, Inc., Glendale, Calif. Pharmaceutical closure. 2,665,024, Jan. 5.
- Putzer, Michael. 2,685,901, Cl. 146—151.
- Puzik, Otto V., Willoughby, assignor, by mesne assignments, to R. I. Schonitzer, Cleveland, Ohio. Door control mechanism. 2,665,160, Jan. 5.
- Pye, Harold C., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Sound translating device with resonating and damping chamber. 2,672,525, Mar. 16.
- Pye, James H. 2,692,910, Cl. 178—18.
- Pye, James H. 2,692,914, Cl. 179—4.
- Pye Ltd.: *See*—
Babs, Cyrus H. 2,694,352.
Cope, John E., and Holland. 2,693,531.
Edwards, Baden J., and Johnstone. 2,683,832.
Germany, Leslie W. 2,675,424.
Jackson, Donald, and Coleman. 2,681,947.
Lax, Ladislav. 2,694,181.
Pound, John P. 2,674,050.
Theile, Richard. 2,696,523.
Weighton, Donald, and Lax.
- Pyke, Herbert D. 2,686,689, Cl. 294—87.
- Pyle, Cyrus: *See*—
Kemp, Harold S., Pyle, and Turner. 2,681,306.
- Pyle-National Co., The: *See*—
Becker, Benjamin F.
Cochran, Donald J., and McDowell. 2,683,287.
Heehler, Arthur C.
Heehler, Arthur C. 2,677,121.
Howard, John G., and Thomas.
Keegan, Frank X.
McDowell, Thomas E. 2,685,641.
Olson, Ernest H.
Raider, George K. 2,677,749.
Voelkner, Alvin G., and Cochran. 2,697,211.
- Pyles, George S., Detroit, Mich. Flow gun. 2,670,241, Feb. 23.
- Pyles, Harley G., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyor system. 2,667,260, Jan. 26.
- Pynor, Thomas E.: *See*—
Hampton, John H., and Pynor. 2,686,083.
- Pyramid Aquariums, Inc., assignee: *See*—
Krah, Edward and C., and Rudy.
- Pyrofax Gas Corporation, assignee: *See*—
Humbarger, Frank F. 2,679,332.
- Pyror Ltd.: *See*—
Aannerud, Sigurd A. 2,691,628.
Aannerud, Sigurd A., and Mostad.
- Pyzel, Robert, New York, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Controlling flow of fluidized solids. 2,670,193, Feb. 23.
- Quail, Kenneth H., to Mechanical Handling Systems, Inc. 2,688,934, Cl. 104—88.
- Quaker Foundation, Inc., assignee: *See*—
Unwin, Kenneth J.
- Quaker Oats Co., The: *See*—
Brown, Lloyd H., and Wells. 2,698,319.
Dunlop, Andrew P. 2,684,982.
Dunlop, Andrew P., and Sherman. 2,681,349.
Dunlop, Andrew P., and Smith. 2,676,186.
Dunlop, Andrew P., and Swadesh.
Gustavson, Elmer G. 2,680,303.
Johnson, Herbert B. 2,687,803.
Rogers, Charles E.
Sherman, Edward. 2,684,981.
Swadesh, Samuel.
- Qualitex-Societe Dunod & Cie, assignee: *See*—
Dunod, Jean. 2,679,264.
- Qualitrol Corporation, assignee: *See*—
Ford, George E. 2,680,214.
- Qualler, Clifford L.: *See*—
Klema, Harlow, and Qualler. 2,682,239.
- Qualman, Alfred A., Charleston, Oreg. Liquid level. 2,664,645, Jan. 5.
- Quandt, Hans H., to R. Mohr. 2,697,162, Cl. 219—19.
- Quartullo, Orpheus F., and H. Baade, to Oliver Iron and Steel Corp. 2,694,982, Cl. 103—125.
- Quast, Gerard J., assignor to W. C. 't Hart & Zn. Instrumenten-en Apparatenfabriek N. V., Rotterdam Netherlands. Hanging spinning or twisting pot. 2,664,696, Jan. 5.
- Quayle, George F., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Warehouse type tractor with trailer coupling device. 2,669,314, Feb. 16.
- Quayle, George F., to The Yale & Towne Mfg. Co. 2,686,036, Cl. 254—10.
- Quayle, George F., to The Yale & Towne Mfg. Co. 2,690,272, Cl. 214—701.
- Quayle, George F., to The Yale & Towne Mfg. Co. 2,693,339, Cl. 254—8.
- Quebbeman, Edward H. 2,690,567, Cl. 4—53.
- Quebec Metallurgical Industries Ltd.: *See*—
Lindsley, Thayer, and Lichty. 2,698,229.
- Queberg, John C., to American Vitriol Products Co. 2,697,264, Cl. 25—105.
- Queen City Mfg. Co., The: *See*—
Gastright, Frank A. 2,676,750.
Gastright, Frank A. 2,687,070.
- Quellman, Irving, New York, N. Y. Dental bridge. 2,668,353, Feb. 9.
- Queneau, Paul E.: *See*—
Gordon, James R., Norman, Queneau, Sproule, and Young.
- Quereau, John F., and E. E. Pearson, to Leeds and Northrop Co. 2,693,559, Cl. 318—29.
- Querengässer, Hugo. 2,696,516, Cl. 136—175.
- Querry, Merle: *See*—
Abbondi, Frank B., and Querry. 2,691,620.
- Quiat, Gerald M. 2,689,481, Cl. 73—390.
- Quick, Charles E. 2,675,532, Cl. 339—224.
- Quick, Eddie J., Minneapolis, Minn. Safety device for guns. 2,669,050, Feb. 16.
- Quick, Leonard T. 2,695,050, Cl. 155—127.
- Quick, Lloyd, assignor to James L. Taylor Manufacturing Company, Poughkeepsie, N. Y. Batch gluing machine. 2,671,481, Mar. 9.
- Quick, Robert G., assignor to the United States of America as represented by the Secretary of the Navy. 2,674,670, Cl. 200—110.
- Quidor, Arthur N., New York, N. Y. Floral blanket. 2,670,518, Mar. 2.
- Quigg, Harold T.: *See*—
Schirmer, Robert M., Quigg, and Britton. 2,688,840.
- Quigley, Herbert, and H. Young, to National Brass Co. 2,687,319, Cl. 292—169.
- Quill, Charles J. 2,688,669, Cl. 200—51.09.
- Quillinan, Michael J. 2,685,997, Cl. 226—86.
- Quillinan, Michael J. 2,693,087, Cl. 61—78.
- Quinlan, Amos L.: *See*—
Myers, Hubert A., and Quinlan. 2,696,545.
- Quinlivan, Quentin L., to The Celastic Corp. 2,684,305, Cl. 117—33.
- Quinn, Bert A., St. Paul, Minn. Wire fence. 2,673,072, Mar. 23.
- Quinn, Bert A. 2,681,468, Cl. 16—52.
- Quinn, Clark E.: *See*—
Martin, Edward J., Quinn, and Ross. 2,697,939.
- Quinn, David H., Brookline, Mass. Water purifier. 2,670,081, Feb. 23.
- Quinn, Edward, to United Shoe Machinery Corp. 2,693,606, Cl. 12—1.
- Quinn, Frank J.: *See*—
Bump, Charles K., and Quinn. 2,682,520.
- Quinn, Jay H. 2,693,096, Cl. 66—125.
- Quinn, Robert G., to Johns-Manville Corp. 2,695,549, Cl. 92—39.
- Quinones, Nicanor Q.: *See*—
Denton, John J., and Quinones. 2,694,720.
- Quintero R., Luis E., assignor of 1/2 to R. Pacheco. 2,679,743, Cl. 70—129.
- Quintilian, Bartholomew F., Baltimore, Md., assignor to Gerotor May Corporation. Hydraulic pump or motor. 2,672,824, Mar. 23.
- Quintilian, Bartholomew F., Baltimore, Md., assignor to Gerotor May Corporation. Hydraulic pump and motor. 2,672,825, Mar. 23.
- Quirk, Douglas W., assignor to General Electric Company. 2,678,990, Cl. 219—35.
- Quirk, Earl W., Watertown, and A. R. Buchholz, Dodge County, assignors to Brandt Automatic Cashier Company, Watertown, Wis. Coin-counting machine. 2,669,997, Feb. 23.
- Quirk, Justin P., N. D. Dalton, and L. G. P. Hafner, to Quirk Machinery Co. 2,695,640, Cl. 144—144.
- Quirk Machinery Co.: *See*—
Quirk, Justin P., Dalton, and Hafner. 2,695,640.
- Quirolo, Charles F., to North American Aviation, Inc. 2,694,343, Cl. 90—24.
- Quist, Harold A., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Calibrated liquid storage gauge. 2,664,748, Jan. 5.
- Quist, Harold A., assignor to Sun Oil Company. 2,676,606, Cl. 137—250.
- Quist, Harold A., assignor to Sun Oil Company. 2,677,816, Cl. 340—244.
- Quist, Harold A., assignor to Sun Oil Company. 2,680,450, Cl. 137—248.
- Quist, Harold A., to Sun Oil Co. 2,684,076, Cl. 137—248.
- Quist, Harold A., to Sun Oil Co. 2,689,580, Cl. 137—248.
- Quist, Harold A., to Sun Oil Co. 2,693,294, Cl. 220—88.
- Quist, Harold A., to Sun Oil Co. 2,697,443, Cl. 137—248.
- Qutzeit, Carlos L.: *See*—
Coonrad, Harry L., Qutzeit, and Rope. 2,689,266.
- Quynn, John T., J. S. McNulty, and L. M. Buchanan. 2,675,697, Cl. 73—28.
- R. I. K., Incorporated, assignee: *See*—
Kaufman, Roy I.
- R T & E Company, assignee: *See*—
Link, Edwin A. 2,674,716.

- Raag, Nikolai. 2,679,548, Cl. 136—111.
 Rabal, Alfredo J. 2,686,034, Cl. 251—46.
 Rabald, Willy: *See*—
 Angst, Paul, and Rabald. 2,696,665.
 Raballo, John L., and W. M. Getty: 37% to said Raballo, 31½% to said Getty, and 31½% to N. Speegle. 2,685,622, Cl. 200—27.
 Rabby, Joseph G.: *See*—
 Vizcarrondo, Gilbert, and Rabby. 2,698,125.
 Rabe, Karl, to Dr. Ing. h. c. F. Porsche K.-G. 2,683,996, Cl. 74—556.
 Rabenda, Edward J., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine having selective circuit closing means, including a conductive power roller. 2,672,227 Mar. 16.
 Rabinow, Jacob, Washington, D. C. Magnetic fluid shock absorber. 2,667,237, Jan. 26.
 Rabinow, Jacob, to the United States of America as represented by the Secretary of the Army. 2,690,913, Cl. 274—10.
 Rabinow, Jacob. 2,692,035, Cl. 192—111.
 Rabinowitz, Irving, to Irving Machinery Co., Inc. 2,685,394, Cl. 226—56.
 Rabinowitz, Louis M. 2,675,770, Cl. 112—2.
 Rabinowitz, Louis M. 2,681,452, Cl. 2—265.
 Rabjohn, Norman, to Curators of the University of Missouri. 2,681,925, Cl. 260—472.
 Rabkin, Samuel: *See*—
 Roberts, Lawrence M., Crowder, and Rabkin. 2,689,019.
 Rabkin, Samuel, Union, and A. N. Crowder, Bound Brook, N. J., assignors to Research Corporation, New York, N. Y. Hopper washing. 2,672,946, Mar. 23.
 Rabkin, William, and L. Baron, to International Muto-scope Corp. 2,681,842, Cl. 312—35.
 Race, Michael W., Mansfield, Ohio. Spiral fish lure. 2,665,516, Jan. 12.
 Race, William J., and F. Smardo, to Motorola, Inc. 2,693,333, Cl. 248—43.
 Racek, Alfred, and J. Raganitsch, Vienna, Austria. Cas-ing, in particular lighter casing. 2,666,547, Jan. 19.
 Racek, Alfred, and J. Raganitsch. 2,679,150, Cl. 67—6.1.
 Rachlin, Albert I.: *See*—
 Goldberg, Moses W., and Rachlin.
 Racine, Charles A.: *See*—
 Vinant, Jean, and Racine. 2,677,860.
 Racine Confectioners' Machinery Co., assignee: *See*—
 Covert, Claude J., and Raffetto.
 Racine, Marcel J., Loch Arbor, and C. L. Coppell, Keans-burg, N. J. Simplified metallic rectifier assembly. 2,671,188, Mar. 2.
 Racz, Bertha E. 2,681,827, Cl. 299—24.
 Radar Inc.: *See*—
 Young, Leo C. 2,688,731.
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 Radasch, Arthur H., Upper Montclair, N. J. Distillation of coal tar. 2,673,833, Mar. 30.
 Radcliff, Charles A., Ashland, Oreg. Electric shaver light attachment. 2,669,648, Feb. 16.
 Rade, William C. 2,691,243, Cl. 46—115.
 Radeke, Walter H., Blue Island, assignor to Poor & Com-pany, Chicago, Ill. Battery cell inspecting and testing system. 2,672,499, Mar. 16.
 Radeloff, Sidney P., and R. J. Falcone. 2,695,751, Cl. 235—94.
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 Radford, Floyd F., and I. R. Baber. 2,687,312, Cl. 280—504.
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 Bachman, William J. 2,678,023.
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 Carne, Gerald G. 2,677,071.
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 Cherry, William H.
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 Daley, Charles W.
 Darke, Francis J., Jr. 2,685,001.
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 Diffenderfer, John B.
 Donley, Hugh L. 2,695,357.
 Duncan, Robert K.
 Dunn, Ted E. 2,688,722.
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 Evans, John. 2,697,742.
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 Folly, John L. 2,680,527.
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 Greig, Harold G. 2,683,111.
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 Hittle, Carl E.
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 Johnson, Ralph E. 2,682,479.
 Jones, Alan S. 2,675,974.
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 Keizer, Eugene O.
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 Liguori, Anthony.
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 Linder, Ernest G.
 Little, Ralph V., Jr. 2,697,758.
 Lo, Arthur W. 2,696,347.
 Lockhart, Robert K. 2,682,012.
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 MacSorley, Olin L. 2,691,733.
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 Masters, Robert W. 2,691,102.
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 Mendelson, Hans. 2,692,944.
 Moore, Arnold R., and Herman. 2,691,076.
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 Morton, George A. 2,685,044.
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 Nekut, Anthony G. 2,680,009.
 Nelson, Morris D. 2,690,520.
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 Olson, Harry F. 2,688,373.
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 Reddeck, Joseph G.
 Reisner, John H. 2,678,581.
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 Rettinger, Michael.
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 Rhodes, Roland N. 2,680,147.
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 Rogers, Gordon F. 2,677,049.
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 Scott, Howard M.
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 Slade, Bernard N.
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 Swedlund, Lloyd E. 2,680,204.
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 Sziklai, George C.
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 Sziklai, George C., and Darke. 2,686,220.
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 Thompson, Leland E. 2,691,065.
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 Waldhauer, Fred D.
 Ward, Hugh C., and Pettus. 2,687,884.
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 Weimer, Paul K. 2,674,704.
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 Weingarten, Morris R.
 Werenfels, Peter H.
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- Radkins, Andrew P.: *See*—
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- Radkowski, Leo S.: *See*—
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- Radl, Richard M.: *See*—
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- Radley, Guy R., to Cutler-Hammer, Inc., 2,689,903, Cl. 219—37.
- Radlinski, Harry F., assignor to Surface Combustion Corporation, 2,678,815, Cl. 263—47.
- Radlove, Sol B.: *See*—
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- Radom, Robert, to Wesleyan University, 2,696,519, Cl. 178—5,2.
- Radomski, Hans, Richmond Hill, assignor of one-half to H. Andreas, Ridgewood, N. Y., Auxiliary window sash, 2,668,334, Feb. 9.
- Radon, Fred: *See*—
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- Radtke, Adelbert C.: *See*—
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- Radtke, Adelbert C., deceased, by L. E. Radtke, administratrix, assignor to International Harvester Company, 2,680,272, Cl. 24—16.
- Radtke, Adelbert C., and E. Fletcher; said Fletcher to Owens-Corning Fiberglas Corp. and said Radtke to International Harvester Co., 2,693,429, Cl. 117—111.
- Radtke, Lillian E., administratrix: *See*—
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- Raduner & Co. A.-G., assignee: *See*—
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- Raduns, Solomon B., to The National-Plainfield Corp., 2,694,872, Cl. 38—113.
- Radzay, Stanley A., assignee: *See*—
 Mueller, Herman H.
- Radzyner, Samuel M., Chicago, Ill., Chest with coacting drawer and lid, 2,671,709, Mar. 9.
- Rae, Alexander J., West Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, England, Automatic mechanism for phonograph record playing apparatus, 2,667,250, Jan. 26.
- Rae, John, assignor of one-half to Blaxland Rae Pty. Limited, Sydney, New South Wales, Australia, Gauge for measuring or comparing diameters of cylindrical bodies, 2,664,642, Jan. 5.
- Raeder, Nathaniel F., Clarksburg, W. Va., Sectional scale, 2,673,399, Mar. 30.
- Raes, Oscar M., to Chrysler Corp., 2,690,820, Cl. 188—250.
- Raetsch, Bruno A.: *See*—
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- Raeuber, Arthur E., Jr., and J. D. Sullivan, assignors to A. O. Smith Corporation, 2,680,085, Cl. 148—635.
- Raff, Samuel J., 2,689,884, Cl. 179—100,1.
- Rafferty, Arthur W., 2,684,779, Cl. 220—40.
- Rafferty, Arthur W., 2,684,860, Cl. 285—175.
- Rafferty, Arthur W., 2,687,144, Cl. 137—565.
- Raffetto, Joseph L., Jr.: *See*—
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- Ragaisis, Stanley J.: *See*—
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- Ragan, Thomas M.: *See*—
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- Ragan, Thomas M., to Baker Oil Tools, Inc., 2,695,066, Cl. 166—120.
- Ragan, Thomas M., Downey, and P. H. Durant, Temple City, assignors to Baker Oil Tools, Inc., Vernon, Calif., Well packer apparatus, 2,671,512, Mar. 9.
- Ragan, Thomas M., and M. B. Conrad, to Baker Oil Tools, Inc., 2,695,064, Cl. 166—63.
- Raganitsch, Johann: *See*—
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- Ragatz, Edward G., to Edw. G. Ragatz Co., 2,693,350, Cl. 261—114.
- Ragatz, Edw. G., Co.: *See*—
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- Ragazzini, John R.: *See*—
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- Ragland, Douglas, Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J., Drilling hook, 2,672,364, Mar. 16.
- Ragland, Douglas, to Standard Oil Development Co., 2,690,823, Cl. 192—098.
- Rago, Rocco M., 2,674,457, Cl. 273—110.
- Ragsdale, James P., Jr.: *See*—
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- Ragsdale, June: *See*—
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- Rahn, John D., Kosmosdale, and J. R. Noland, Owensboro, Ky., Fishing tackle box, 2,673,783, Mar. 30.
- Rahn, Henry W., Corpus Christi, Tex., Columbia-Southern Chemical Corporation, Sodium carbonate, 2,670,269, Feb. 23.
- Raible, Julius, and E. Dausch, assignors to Vereinigte Kugellagerfabriken Aktiengesellschaft, 2,675,587, Cl. 19—135.
- Raibourn, Paul, Southport, Conn., Light-sensitive color photographic film, 2,667,414, Jan. 26.
- Raiche, Paul A., North Providence, R. I., assignor to Davol Rubber Company, Colostomy pouch, 2,667,167, Jan. 26.
- Raiche, Paul A., assignor to Davol Rubber Company, 2,677,375, Cl. 128—349.
- Raiche, Paul A., to Davol Rubber Co., 2,687,131, Cl. 128—349.
- Raiche, Paul A., to Davol Rubber Co., 2,690,595, Cl. 18—58,7.
- Raiche, Paul A., to Davol Rubber Co., 2,693,191, Cl. 128—349.
- Raichle, Karl: *See*—
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- Raider, George K., assignor to The Pyle-National Company, 2,677,749, Cl. 219—39.
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- Railroad Products Company, assignee: *See*—
 McGarry, James W., and Wickemeier.
- Railroad Rubber Products, Inc., assignee: *See*—
 Moses, Nelson K.
- Railton, Denis E., East Burnham, assignor of one-half to Ideal Capsules Limited, Slough, England, Machinery used in producing foil capsules for bottles and containers, 2,672,792, Mar. 23.
- Railton, Richard S., Berkeley, Calif., Combination packaging and display unit, 2,669,350, Feb. 16.
- Raimo, Anthony S., 2,678,645, Cl. 128—9.
- Raimo, Anthony S., 2,695,416, Cl. 15—106.
- Rainard, Leo W., assignor to Alexander Smith, Incorporated, Re. 23,824, Cl. 19—66.
- Rainard, Leo W., and T. F. Jacoby, assignors to Alexander Smith, Incorporated, 2,678,081, Cl. 154—1.
- Rainbow, Horace S., to Armstrong Siddeley Motors Ltd., 2,689,528, Cl. 103—87.
- Rainbows, Inc.: *See*—
 Bremer, Hermann F.
 Bremer, Hermann F., and Gondolfo, 2,680,802.
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- Raines, Arnold, Philadelphia, Pa., Energy absorber, 2,669,325, Feb. 16.
- Raines, Thomas A., Bellwood, Ill., Air brake system tank heater, 2,666,126, Jan. 12.
- Rainey Accounting Machine Company, Inc., assignee: *See*—
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- Rainey, Challenor W., to Ford Motor Co., 2,683,578, Cl. 248—68.
- Rainey, Clifton K.: *See*—
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- Rainey, Clifton K., assignor, by mesne assignments, to Rainey Accounting Machine Company, Inc., Re. 23,834, Cl. 197—70.
- Rainey, Earl C., 2,687,597, Cl. 47—1,3.
- Rainier, Edwin T.: *See*—
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- Rainone, Nicholas J., and G. R. Moritz, to Westinghouse Electric Corp., 2,691,817, Cl. 29—284.
- Rainous, Stanley A., 2,679,705, Cl. 40—53.
- Rainsbury, Charles E., 2,698,000, Cl. 116—112.
- Rainsford, Thomas F., deceased (E. A. Newgren, administrator), 2,694,479, Cl. 192—105.
- Rainsford, Victor E., 2,678,623, Cl. 116—114.
- Rainwater, Orman M., 2,692,395, Cl. 5—111.
- Rainwater, Orman M., 2,692,637, Cl. 155—88.
- Raisbeck, Gordon, Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., Balanced amplifier employing transistors of complementary characteristics, 2,666,819, Jan. 19.
- Raisbeck, Gordon, Morristown, and R. L. Wallace, Jr., Plainfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., Transistor amplifier and power supply therefor, 2,666,817, Jan. 19.
- Raiteri, Stephen J., 2,675,704, Cl. 73—332.
- Raiteri, Stephen J., 2,680,455, Cl. 137—555.
- Raiti, Angelo: *See*—
 Manfredi, Dario, and Raiti.
- Rajchman, Jan A., assignor to Radio Corporation of America, Re. 23,838, Cl. 313—86.

- Rajchman, Jan A., Princeton, N. J., assignor to Radio Corporation of America. Electronic switching device. 2,667,599, Jan. 26.
- Rajchman, Jan A., to Radio Corp. of America. 2,691,154, Cl. 340—174.
- Rajchman, Jan A., and R. Stuart-Williams, Princeton, N. J., assignors to Radio Corporation of America. Magnetic switching device. 2,666,151, Jan. 12.
- Rajchman, Jan A., and M. H. Mesner, Princeton, and M. Rosenberg, Trenton, N. J., assignors to Radio Corporation of America. Bias generating matrix. 2,666,161, Jan. 12.
- Rajchman, Jan A., and M. Rosenberg, assignors to Radio Corporation of America. 2,679,025, Cl. 324—34.
- Rajchman, Jan A., and R. Stuart-Williams, to Radio Corp. of America. 2,691,153, Cl. 340—166.
- Rakestraw, Robert H. 2,687,596, Cl. 47—1.
- Rakit Corporation, Inc., assignee: *See*—
Ullberg, Frederick G. W., Jr., and Baird.
- Raleigh, Walter J.: *See*—
Armstrong, Daniel A., and Raleigh.
- Raley, Frank R.: *See*—
Mangum, James N., and Raley. 2,679,905.
- Ralls, Jack W.: *See*—
Colton, Frank B., and Ralls. 2,694,080.
- Ralls, Jack W., to G. D. Searle & Co. 2,686,789, Cl. 260—397.1.
- Ralls, Jack W., W. C. Wildman, K. E. McCaleb, and A. L. Wilds, assignors to Wisconsin Alumni Research Foundation. 2,674,627, Cl. 260—586.
- Ralston, Eldon K., to Thompson Products, Inc. 2,686,508, Cl. 123—90.
- Ralston, Eldon K., to Thompson Products, Inc. 2,693,790, Cl. 123—90.
- Ralston, Eldon K., to Solon Mfg. Co. 2,696,132, Cl. 81—15.
- Ralston, Robert P. 2,698,047, Cl. 155—27.
- Ramberg, Edward G.: *See*—
Zworykin, Vladimir K., and Ramberg.
- Rambo, Arthur M. 2,680,246, Cl. 1—46.
- Rambo, Marvin L.: *See*—
Throckmorton, Morford C., Beck, and Rambo. 2,692,888.
- Rambo, Marvin L., to The Texas Co. 2,683,159, Cl. 260—449.6.
- Rambo, Sheldon I.: *See*—
Boyd, Bruce, Rambo, and Hagopian. 2,691,732.
- Ramey, Robert A., and W. Soller, Cincinnati, Ohio. Apparatus for force balance. 2,667,071, Jan. 26.
- Ramien, Wolfgang, Neckargemund, Germany. Locking device for bags, trunks, and the like. 2,669,857, Feb. 23.
- Raming, John, Machine Co.: *See*—
Barnes, Tracy W. 2,694,815.
- Ramo, Simon, to General Electric Co. 2,683,251, Cl. 332—25.
- Ramos, Lawrence F., assignor to American Steel Foundries, Chicago, Ill. Snubbed truck. 2,667,844, Feb. 2.
- Ramos, Lawrence F., assignor to American Steel Foundries, Chicago, Ill. Snubbed truck. 2,670,695, Mar. 2.
- Ramos, Lawrence F., and O. W. Neumann, to American Steel Foundries. 2,695,167, Cl. 267—9.
- Ramos, Thomas, New York, A. W. Cizek, Jr., Valley Stream, and S. Weiss, New York, N. Y. Apparatus for testingalking and the like materials. 2,667,069, Jan. 26.
- Rampton, Lauren E., Sun Valley, assignor to Bendix Aviation Corporation, North Hollywood, Calif. Fluid-metering valve for hydraulic motor control systems. 2,669,256, Feb. 16.
- Ramrath, Joseph M., assignor to Allis-Chalmers Manufacturing Company. 2,678,984, Cl. 200—148.
- Ramsay, Alexander, assignor to James Howden & Company Limited, Glasgow, Scotland. Quick closing valve with fluid pressure release mechanism. 2,669,257, Feb. 16.
- Ramsay, Duncan: *See*—
Isreeli, Jack, Frantz, and Ramsay. 2,686,561.
- Ramsay, Frank R. F., East Sheen, London, assignor to D. Napier & Son Limited, London, England. Indicating or control apparatus responsive to temperature variations. 2,670,989, Mar. 2.
- Ramsdell, Paul A.: *See*—
Noddin, George A., and Ramsdell. 2,685,835.
- Ramsden, Hugh E., assignor to Metal & Thermit Corporation. 2,675,397, Cl. 260—429.
- Ramsden, Hugh E., and H. Davidson, assignors to Metal & Thermit Corporation. 2,675,398, Cl. 260—429.
- Ramsden, Hugh E., and C. R. Gloskey, assignors to Metal & Thermit Corporation. 2,675,399, Cl. 260—429.
- Ramser, John H.: *See*—
Dunlap, Henry F., and Ramser.
- Ramsey Corp.: *See*—
Marien, Melvin W. 2,689,774.
- Ramsey, James C. 2,691,527, Cl. 273—106.5.
- Ramsey, John L.: *See*—
Roberts, Llewellyn G., Webb, and Ramsey. 2,674,784.
- Ramsey, Justin H. 2,683,285, Cl. 18—6.
- Ramsey, Neuman E. 2,682,695, Cl. 25—36.
- Ramsey, Norman F.: *See*—
Halpern, Julius, and Ramsey.
- Ramsey, Robert P., W. A. Morain, and C. M. Bovard, assignors to The Cooper-Bessemer Corporation. 2,676,578, Cl. 123—46.
- Ramsthaler, Louis A.: *See*—
Schwemler, Arthur E., and Ramsthaler. 2,679,663.
- Ranco Inc.: *See*—
Greenawalt, Frederick A.
Raney, Estel C. 2,697,555.
Raney, Estel C., and Liebermann. 2,674,665.
Raney, Robert G. 2,687,620.
- Rand Corporation, The, assignee: *See*—
Alvarez, Luis W.
- Rand, Gustave, and I. M. Myers, to Meilman & Maged, Inc. 2,685,089, Cl. 2—93.
- Rand, H. J., Washing Machine Corp., assignee: *See*—
Rand, Henry J.
- Rand, Henry J., Bratenahl, Ohio, assignor to H. J. Rand Washing Machine Corp., New York, N. Y. Cover seal for washing machines. 2,665,574, Jan. 12.
- Rand, Henry J., assignor to Magic Seal, Inc., Bratenahl, Ohio. Snap action ball cock. 2,666,447, Jan. 19.
- Rand, Henry J., assignor to Flexible Pumps, Inc., Bratenahl, Ohio. Collapsible chamber pump with rotary compress. 2,671,412, Mar. 9.
- Rand, Henry J., assignor to Deering, Milliken & Co., Inc. 2,674,683, Cl. 219—46.
- Rand, Henry J., to Air Mass, Inc. 2,690,295, Cl. 230—170.
- Rand McNalley & Co.: *See*—
Baller, Albert H. 2,689,751.
- Rand, Robert E. 2,680,432, Cl. 123—169.
- Randall Co., The: *See*—
Hall, Ralph W.
Hall, Ralph W., and White. 2,674,394.
Lautenschlager, William F. 2,682,090.
- Randall, David I.: *See*—
Solomon, Nicholas W., and Randall.
- Randall, David I., and T. A. Martin, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Chloromethylation of vat dyes of the pyranthrone, anthanthrone, and dibenzpyrenequinone series. 2,666,767, Jan. 19.
- Randall, David I., and E. E. Renfrew, assignors to General Aniline & Film Corporation. 2,677,694, Cl. 260—380.
- Randall, David I., and T. A. Martin, to General Aniline & Film Corp. 2,691,022, Cl. 260—277.
- Randall, John T., J. Sayers, H. A. H. Boot, and R. H. V. M. Dawton, assignors to English Electric Valve Company, Limited. 2,680,827, Cl. 315—34.
- Randall, Louis P., and M. W. Snipes, Lancaster, S. C. Friction letoff for looms. 2,670,764, Mar. 2.
- Randall, Ralph S.: *See*—
Simpson, James M., and Randall. 2,682,151.
- Randall, Ross D.: *See*—
Collins, Arthur R., Ryder, and Randall. 2,691,710.
- Randall, Walter H., to The Canal National Bank of Portland, and P. Thompson, trustees. 2,687,246, Cl. 229—2.5.
- Randles, Arthur E., Redwood City, Calif. Ellipsograph. 2,670,540, Mar. 2.
- Rando, James J. 2,692,143, Cl. 280—150.
- Randol, Elizabeth L., assignee: *See*—
Randol, Glenn T.
- Randol, Glenn T., Mountain Lake Park, Md. Automotive variable-speed transmission and control mechanism therefor. Re. 23,780, Feb. 9.
- Randol, Glenn T. Re. 23,901, Cl. 192—073.
- Randol, Glenn T., Mountain Lake Park, Md. Safety razor. 2,665,477, Jan. 12.
- Randol, Glenn T., Mountain Lake Park, Md. Hydraulic valve lifter. 2,668,524, Feb. 9.
- Randol, Glenn T., assignor of one-half to E. L. Randol, Mountain Lake Park, Md. Mechanical self-adjusting valve lifter. 2,672,132, Mar. 16.
- Randol, Glenn T., Mountain Lake Park, Md. Mechanical self-adjusting valve lifter. 2,673,555, Mar. 30.
- Randol, Glenn T. 2,677,176, Cl. 30—58.
- Randol, Glenn T. 2,681,221, Cl. 264—21.
- Randol, Glenn T. 2,682,105, Cl. 30—64.
- Randol, Glenn T. 2,695,013, Cl. 123—90.
- Randolph, Morris. 2,693,366, Cl. 280—37.
- Randolph, Robert W., to The Parker Pen Co. 2,690,163, Cl. 120—42.03.
- Randolph, William F., Sr. 2,684,026, Cl. 101—28.
- Raney, Estel C., Delaware, assignor to Ranco Incorporated, Columbus, Ohio. Pressure responsive switch. 2,670,417, Feb. 23.
- Raney, Estel C., to Ranco Inc. 2,697,555, Cl. 237—8.
- Raney, Estel C., and J. Liebermann, assignors to Ranco Inc. 2,674,665, Cl. 200—38.
- Raney, Robert G., to Ranco, Inc. 2,687,620, Cl. 62—4.
- Raney, Russell R., La Grange, Ill., assignor to International Harvester Company. Frame construction for vehicle running gears. 2,669,461, Feb. 16.
- Raney, Russell R., and J. H. Bornzin, to International Harvester Co. 2,685,804, Cl. 74—572.
- Rang, Moritz: *See*—
Steuer, Werner, and Rang. 2,679,101.
- Ranger, Richard H. 2,696,950, Cl. 242—46.6.
- Ranger, Richard H. 2,697,754, Cl. 179—100.2.
- Rankin, Homer C.: *See*—
Cox, Thomas O., Rankin, and Trott.
- Rankin, John C.: *See*—
Mehlretter, Charles L., Mellies, and Rankin.
- Rankin, Lanning P., and C. J. Seiler, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. 2,675,335, Cl. 154—43.

- Rankin, Renville S. : *See*—
Kivell, Wayne A., and Rankin.
- Rankine, Adam S., Jr., to Johns-Manville Corp. 2,688,558, Cl. 106—41.
- Ranney, Herbert H., to Cone Automatic Machine Co. Inc. 2,690,691, Cl. 82—2.
- Ranney, Leo, Moro Bay, Calif., assignor to Ground Water Inc. Method and apparatus for advancing subterranean pipe. 2,670,180, Feb. 23.
- Ransburg, Edwin M. : *See*—
Starkey, William A., and Ransburg. 2,685,536.
- Ransburg, Edwin M., to Ransburg Electro-Coating Corp. 2,684,656, Cl. 118—51.
- Ransburg Electro-Coating Corp. : *See*—
Marsh, James C. 2,690,730.
Miller, Merton R. 2,695,002.
Ransburg, Edwin M. 2,684,656.
Ransburg, Harold P. 2,697,411.
- Starkey, William A., and Ransburg. 2,685,536.
- Ransburg, Harold P., to Ransburg Electro-Coating Corp. 2,697,411, Cl. 118—51.
- Ranseen, Emil L. 2,678,692, Cl. 161—15.
- Ranseen, Emil L. 2,683,562, Cl. 233—30.
- Ranseen, Mauritz C., Minneapolis, Minn. Card supporting device. 2,670,916, Mar. 2.
- Ransom, David H., and F. Benjamin, to Reconstruction Finance Corp. 2,692,366, Cl. 322—32.
- Ransom, David H., Jr., San Diego, Calif. Echo ranging and sounding system. 2,666,190, Jan. 12.
- Ranson and Randolph Co., The : *See*—
Moore, Thomas E., and Watts. 2,680,890.
- Ransome, Tallent H. 2,678,877, Cl. 48—184.
- Ransomes, Sims & Jefferies, Ltd. : *See*—
Dyer, Ferderic T., and Revett. 2,688,212.
Dyer, Ferderic T., and Revett. 2,688,213.
- Ranson, Charles W. 2,693,241, Cl. 170—159.
- Rantsch, Kurt, to C. Zeiss. 2,688,899, Cl. 88—39.
- Raper, Charles E. 2,697,266, Cl. 27—6.
- Raper, Foster, Covington, Ky. Aligning fixture. 2,673,478, Mar. 30.
- Raper, George F. 2,681,475, Cl. 19—70.
- Raper, Richard, to Wheeling Steel Corp. 2,695,805, Cl. 292—244.
- Raphael, Edwin, to Edwin Raphael Co., Inc. 2,692,382, Cl. 1—1.
- Raphael, Edwin, Co., Inc. : *See*—
Raphael, Edwin. 2,692,382.
- Raphael, Walter, assignor to General Patent Production Company. 2,676,836, Cl. 294—S7.24.
- Rapid Metal Developments Limited, assignee : *See*—
Sutcliffe, Alfred. 2,679,872.
- Rapids-Standard Co., Inc., The : *See*—
Timmons, James R., Veltman, Weiland, and Zambroski. 2,693,151.
- Rapisarda, Alexander F. : *See*—
Bastian, Arthur L., and Rapisarda. 2,693,558.
- Rapisarda, Edward D., and W. E. Leety, to Gilbert & Barker Mfg. Co. 2,681,820, Cl. 292—256.
- Rapoport, Leo A. : *See*—
Welge, Henry J., and Rapoport. 2,693,104.
- Rapp, Albert : *See*—
Deck, Philibert, and Rapp. 2,696,678.
- Rapp, Alfred : *See*—
Henkel, Konrad, and Rapp. 2,698,304.
- Rapp, Christian J., to Westinghouse Electric Corp. 2,694,028, Cl. 154—129.
- Rapp, Earl J. : *See*—
Coon, Harold R., Sr., and Rapp. 2,691,218.
Coon, Harold R., Sr., and Rapp. 2,694,256.
- Rapp, George M., to Houdaille-Hershey Corp. 2,681,796, Cl. 257—124.
- Rapp, Howard B. : *See*—
Heckathorn, Loyd E., and Whitcomb. 2,687,680.
- Rapp, Howard B., Jr. : *See*—
Heckathorn, Loyd E., and Whitcomb. 2,687,680.
- Rapp, Jessica M. : *See*—
Heckathorn, Loyd E., and Whitcomb. 2,687,680.
- Rapp, Kenneth E. 2,692,576, Cl. 119—14.54.
- Rapp, Paul L. 2,687,788, Cl. 189—21.3.
- Rappaport, Lee, New York, N. Y. Flexible wrist watch band and the like. 2,667,994, Feb. 2.
- Rappaport, Paul J., to the United States of America as represented by the Secretary of the Army. 2,684,990, Cl. 136—166.
- Rappl, Anton : *See*—
Oishei, John R., and Rappl. 2,688,514.
Oishei, John R., and Rappl. 2,692,079.
Scinta, Anthony C., and Rappl.
- Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle seat. 2,665,740, Jan. 12.
- Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaning blade. 2,666,226, Jan. 19.
- Rappl, Anton, to Trico Products Corp. 2,681,176, Cl. 230—18.
- Rappl, Anton, to Trico Products Corp. 2,684,108, Cl. 155—14.
- Rappl, Anton, to Trico Products Corp. 2,687,004, Cl. 60—14.
- Rappold, Armin : *See*—
Reinhard, Wolfgang, and Rappold. 2,694,784.
- Rappold, Hans, to Matth. Hohner A.G. 2,681,587, Cl. 84—376.
- Rappuhn, Alfred A., Sr. 2,680,773, Cl. 136—162.
- Rapuano, Robert A., Cambridge, Mass. Velocity modulated electronic supersonic generator. 2,671,213, Mar. 2.
- Rasch, Arthur A. : *See*—
Henn, Richard W., Rasch, and Crabtree. 2,685,513.
- Rasch, Orla H. 2,674,388, Cl. 215—43.
- Raschig, F., Dr., G. m. b. H. : *See*—
Mathes, Wilhelm, and Sauermilch. 2,698,328.
- Raser, William H., Jr., Binghamton, N. Y. Toothed belt for power transmission. 2,669,127, Feb. 16.
- Rasey, Wesley W., assignee : *See*—
Benjamin, Leonard L.
- Rashke, William W., Cleveland, Ohio. Reflector for hand lanterns. 2,665,373, Jan. 5.
- Raskin, Franz J. M., and K. L. Martin. 2,674,493, Cl. 299—119.
- Raskin, Walter. 2,677,940, Cl. 62—89.5.
- Rasko, Elizabeth T. : *See*—
Turner, William D., and Rasko. 2,691,615.
- Rasmussen, Borge A., Los Angeles, Calif. Passenger safety belt device for automobiles. 2,665,143, Jan. 5.
- Rasmussen, Clarence R. : *See*—
Franks, Jerome S., and Rasmussen. 2,690,727.
- Rasmussen, Gerald R., Chappell, Nebr. Animal operated stock oiler. 2,669,968, Feb. 23.
- Rasmussen, Gerald R., Chappell, Nebr. Livestock oiling apparatus. 2,669,969, Feb. 23.
- Rasmussen, Minnie V., and H. S. Hirshman. 2,675,910, Cl. 206—19.
- Rasmussen, Olaf : *See*—
Sheldon, Dean, and Rasmussen. 2,686,521.
- Rasmussen, Sherrill K. : *See*—
Gilson, Warren E., and Rasmussen. 2,674,992.
- Rasmussen, Sherrill K., assignor to The Burdick Corporation. 2,678,867, Cl. 346—62.
- Rasmussen, Svend A., Silkeborg, Denmark. Safety fence for motor roads. 2,669,433, Feb. 16.
- Rasmussen, Viggo. 2,687,243, Cl. 223—98.
- Rasmussen, Villum B. K., Copenhagen, Denmark. Tilting window and mounting therefor. 2,665,457, Jan. 12.
- Rassbach, Herman P., assignor to Union Carbide and Carbon Corporation. 2,674,530, Cl. 75—12.
- Rassey, Edward C. 2,695,141, Cl. 242—84.4.
- Rast, Frederick Q., to Burroughs Corp. 2,681,614, Cl. 101—93.
- Rataiczak, Francis I., assignor to General Motors Corporation, Dayton, Ohio. Defrosting refrigerating apparatus. 2,672,021, Mar. 16.
- Ratchford, William P., Philadelphia, Pa., assignor to the United States of America as represented by the Secretary of Agriculture. Making N-(1,1-dimethyl-3-hydroxybutyl)-lactamide. 2,665,308, Jan. 5.
- Ratchford, William P., assignor to the United States of America as represented by the Secretary of Agriculture. 2,680,685, Cl. 92—21.
- Rath, Howard G., to Union Carbide and Carbon Corp. 2,685,443, Cl. 266—23.
- Rath, Lewis H. 2,693,379, Cl. 285—169.
- Rathert, Hermann : *See*—
Ensslin, Kurt, and Rathert.
- Rathmell, Richard K., and F. C. Zevnik, to E. I. du Pont de Nemours & Co. 2,689,871, Cl. 260—650.
- Rathsprecher, David, assignor, by mesne assignments, to General Closure Corp. 2,676,845, Cl. 299—88.
- Ratigan, J. P., Inc. : *See*—
Ratigan, James P. 2,685,465.
- Ratigan, James P., to J. P. Ratigan, Inc. 2,685,465, Cl. 286—16.
- Ratte, Joseph P. G., and B. N. Throckmorton. 2,674,084, Cl. 57—10.
- Ratzlaff, Alvin. 2,684,021, Cl. 97—47.25.
- Ratzlaff, Darrell, and R. C. Fritz, Jr., assignors to Hughes Tool Company. 2,678,489, Cl. 29—200.
- Rau, Eric J. : *See*—
Roshkind, Allan L., Stephenson, Rau, and Foster. 2,675,165.
- Rau Fastener Co. : *See*—
Reiter, Harold J. 2,685,114.
- Rau, Frank J., assignor to Westinghouse Electric Corporation. 2,677,099, Cl. 323—89.
- Rau, Philip H. 2,693,079, Cl. 60—35.54.
- Rauch, Alexander, River Plaza, N. J., assignor to the United States of America as represented by the Secretary of the Army. Cup-core assembly for inductors. 2,669,700, Feb. 16.
- Rauch, Konrad, assignor to The Sheffield Corporation. 2,675,651, Cl. 51—45.
- Rauen, John T. 2,687,710, Cl. 123—119.
- Raught, Arthur V. : *See*—
Boll, John H., and Raught. 2,674,468.
- Raught, Arthur V., Birmingham, assignor to Dearborn Motors Corporation, Highland Park, Mich. Split seed wheel for planters. 2,667,286, Jan. 26.
- Rauh, Everett G. : *See*—
Fred, Mark S., and Rauh.
- Rauland Corp., The : *See*—
Michaels, Edward L. 2,687,360.
Pakswer, Serge, and Reed. 2,689,313.
Szegho, Constantin S.
Szegho, Constantin S., and Pakswer. 2,680,213.
Szegho, Constantin S., and Reed. 2,687,492.
Szegho, Constantin S., Reed, and Amdursky.

- Raun, Milton A., and T. P. Steinmetz, assignors to the United States of America as represented by the Secretary of the Army. 2,675,040, Cl. 150—0.5.
- Raupach, Friedrich. 2,679,558, Cl. 200—17.
- Rausch, Edward, Baltimore, Md. Cup-shaped wrench for threaded fittings. 2,669,144, Feb. 16.
- Rausch, Hans: *See—*
Meyer, Kurt, and Rausch.
- Rausch, Martin B., Frechen-Buschbell, Germany. Device for distributing dusting material. 2,672,347, Mar. 16.
- Rauscher, Elbridge F., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Pump and valve assembly. 2,669,932, Feb. 23.
- Raven, Werner, Braunschweig, Germany. Measuring the cleavability of brittle materials. 2,671,344, Mar. 9.
- Raver, Francis M., to Flakice Corp. 2,697,919, Cl. 62—107.
- Ravich, Abraham I., and I. Mauskopf. 2,685,759, Cl. 46—150.
- Ravlin, Frederick F. 2,674,395, Cl. 226—29.
- Rawitzer, William J.: *See—*
Olson, Elmer T. 2,693,727.
- Rawles, William T., Pittsfield, Mass., assignor to General Electric Company. Sheathed electric heater insulating material. 2,669,636, Feb. 16.
- Rawley, Joseph, assignor to General Motors Corporation. 2,679,634, Cl. 339—65.
- Rawley, Lawrence R. 2,694,409, Cl. 137—480.
- Rawlings, Arthur D., Epsom, England. Cigarette or cigar. 2,669,238, Feb. 16.
- Rawlings, John, Swissvale, assignor of one-half to R. T. Hadley, Sharon, Pa. Suspended roof structure for furnace heating chambers. 2,664,836, Jan. 5.
- Rawlings, Ray J., and R. J. Nye. 2,696,134, Cl. 81—164.
- Rawlins, Robert E., assignor to Lockheed Aircraft Corporation. 2,678,426, Cl. 332—18.
- Rawls, Frederick, and J. E. McLinden, Jr., to Bendix Aviation Corp. 2,683,236, Cl. 313—265.
- Rawls, Vaughn, Lima, Ohio, assignor to American Tire Machinery, Inc., Muncie, Ind. Tire lug buffer. 2,670,526, Mar. 2.
- Rawls, Vaughn, Lima, Ohio, assignor to American Tire Machinery, Inc., Muncie, Ind. Apparatus for relugging tires. 2,672,179, Mar. 16.
- Rawson, Emanuel, Chicago, Ill., assignor, by mesne assignments, to Package Machinery Company. Suspended milker. 2,665,663, Jan. 12.
- Rawson, Emanuel, Chicago, Ill., assignor, by mesne assignments, to Package Machinery Company. Pulsator. 2,665,702, Jan. 12.
- Rawson, Emanuel, to Package Machinery Co. 2,693,703, Cl. 73—334.
- Rawson, Leonard J.: *See—*
Georgiev, Alexander M., and Rawson.
- Rawson, Philip N. 2,688,835, Cl. 56—32.
- Ray, Albert A., assignee: *See—*
Kaslow, Arthur L. 2,675,803.
- Ray, Alvin W., executor: *See—*
Ray, William R. 2,675,868.
- Ray, Charles H., Alameda, and J. N. Sears, Sacramento, assignors to Lindberg Instrument Co., Berkeley, Calif. Electric control device and electrolytic fluid therefor. 2,671,153, Mar. 2.
- Ray, Frederick E., to Socony-Vacuum Oil Co., Inc. 2,687,372, Cl. 196—52.
- Ray, Henry B. 2,697,435, Cl. 128—214.
- Ray, James D.: *See—*
Ogg, Richard A., Jr., and Ray. 2,684,283.
- Ray, James L., Long Beach, Calif., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Fuel feeding system. 2,670,033, Feb. 23.
- Ray, Neil H.: *See—*
Buckley, Gerard D., and Ray.
- Ray, Neil H., Northwich, England, assignor to Imperial Chemical Industries Limited. Manufacture of new polyalkylidenes by condensation of diazoalkanes. 2,670,333, Feb. 23.
- Ray Oil Burner Co.: *See—*
Plass, Raymond B., and Winters. 2,685,919.
- Ray, Vida, executrix: *See—*
Ray, William R. 2,675,868.
- Ray, Wilfred W. 2,682,454, Cl. 48—180.
- Ray, William A., executor: *See—*
Ray, William R. 2,675,868.
- Ray, William A., North Hollywood, Calif., assignor to General Controls Co. Valve for controlling the admission of refrigerant to evaporators. 2,665,072, Jan. 5.
- Ray, William A., North Hollywood, Calif., assignor to General Controls Co. Valve structure for controlling high-pressure fluids. 2,666,451, Jan. 19.
- Ray, William A., North Hollywood, Calif., assignor to General Controls Co. Balanced slide valve for high hydraulic pressures. 2,669,417, Feb. 16.
- Ray, William A., North Hollywood, Calif. assignor to General Controls Co. Floating bimetal thermostat. 2,671,837, Mar. 9.
- Ray, William A., assignor to General Controls Co. 2,675,416, Cl. 136—4.
- Ray, William A., assignor to General Controls Co. 2,675,508, Cl. 317—175.
- Ray, William A., assignor to General Controls Co. 2,677,711, Cl. 136—4.
- Ray, William A., assignor to General Controls Co. 2,678,092, Cl. 158—123.
- Ray, William A., assignor to General Controls Co. 2,679,855, Cl. 137—177.
- Ray, William A., to General Controls Co. 2,691,705, Cl. 200—61,86.
- Ray, William A., to General Controls Co. 2,697,581, Cl. 251—129.
- Ray, William A., and W. C. Buescher, to General Controls Co. 2,683,789, Cl. 200—138.
- Ray, William R., deceased: V., W. A., and A. W. Ray, executors. 2,675,868, Cl. 158—109.
- Raybestos-Manhattan, Inc.: *See—*
Kuzmick, Joseph N., and Hilton.
Novak, Izador J. 2,675,745.
Novak, Isador J. 2,681,870.
Novak, Izador J. 2,685,825.
Novak, Izador J. 2,697,740.
- Rayburn, Vincent A.: *See—*
Gray, Alvin N., and Rayburn. 2,688,767.
- Rayburn, Vincent A., to Western Electric Co., Inc. 2,688,768, Cl. 18—6.
- Rayl, Charles O., Sr. 2,675,625, Cl. 33—180.
- Raylee Engineering, Inc., assignee: *See—*
Huppertz, George C. 2,677,392.
- Rayman, Charles J.: *See—*
Boileau, Arthur H., Rayman, and Board.
- Raymer, Herman G.: *See—*
Norman, Edward A., Jr., Reichelderfer, Herzig, and Raymer. 2,697,428.
- Raymond Bag Co., The: *See—*
Hamm, Albert L. 2,696,256.
Peters, Harry. 2,689,731.
Woodward, Donald E. 2,695,746.
- Raymond, Charles F. 2,686,029, Cl. 248—41.
- Raymond Concrete Pile Co.: *See—*
Smith, Edward A. 2,684,577.
Upson, Maxwell M. 2,677,957.
- Raymond Corporation, The, assignee: *See—*
Gibson, Christian D. 2,678,746.
- Raymond, David L., and R. J. Brown, assignors to Perfection Stove Company. 2,677,501, Cl. 236—93.
- Raymond, Florence A., assignee: *See—*
Butler, Arnold A.
- Raymond, François H., Vesinet, assignor to Societe d'Electronique et d'Automatisme, Paris, France. Method and means for transmitting electric signals. 2,672,516, Mar. 16.
- Raymond, François H., Le Vesinet, and G. J. R. Piel, assignors to Societe d'Electronique et d'Automatisme, Paris, France. Method and means for remote selecting members. 2,670,463, Feb. 23.
- Raymond, Norton G.: *See—*
Monroe, Charles Z., and Raymond. 2,682,208.
- Raymond, Richard C., State College, Pa. Power divider circuit. 2,667,619, Jan. 26.
- Raymond, Richard F., to Pittsburgh Plate Glass Co. 2,688,565, Cl. 117—35.
- Raymond, Richard F., to Pittsburgh Plate Glass Co. 2,691,323, Cl. 88—105.
- Raymond, Roger S., to North American Aviation, Inc. 2,681,683, Cl. 153—48.
- Raymond, Thomas E., to Simplex Engineering Co. 2,683,423, Cl. 103—174.
- Raynaud, Leonard F.: *See—*
Schmidt, Morton, and Raynaud. 2,684,242.
- Rayonier Inc.: *See—*
Bock, Louis H. 2,686,198.
Bock, Louis H., and Carlson. 2,694,731.
Bock, Louis H., and Carlson. 2,694,737.
Briggs, Ben T., and Schlosser. 2,683,710.
Gray, Kenneth R. 2,686,132.
Gray, Kenneth R., Crosby, and Steinberg. 2,675,297.
Gray, Kenneth R., Thomas, and Schlosser. 2,692,877.
Mitchell, Reid L. 2,682,536.
- Ray-O-Vac Co.: *See—*
Briggs, Leland G. 2,689,877.
Garland, Edward J. 2,690,503.
Herbert, William S.
Nelson, Clifford G.
- Raytheon Mfg. Co.: *See—*
Aloisio, Joseph P. 2,689,320.
Beveridge, Harold N., and Staller. 2,685,067.
Blitz, Daniel. 2,678,392.
Blitz, Daniel. 2,683,855.
Brown, William C.
Brown, William C., and Dench. 2,681,427.
Brown, William C., and Gottschalk. 2,678,407.
Calosi, Carlo L. 2,680,333.
Calosi, Carlo L., and Rudenberg. 2,676,416.
Cronin, Leo J. 2,675,498.
Cronin, Leo J. 2,682,511.
Cronin, Leo J. 2,696,652.
Damon, Neil F. 2,685,073.
Faulk, Donald P.
Faulk, Donald P., and Best. 2,689,899.
Griefen, Richard A. 2,678,837.
Gross, Thomas A. O. 2,694,149.
Hergenrother, Rudolf C.
Hergenrother, Rudolf C. 2,681,424.
Hoepfner, Conrad H. 2,678,425.
Hoepfner, Conrad H. 2,685,079.
Kline, Jack, and La Rue. 2,698,421.
Krasno, Maxwell R.
Lindahl, Hilmer C.

- Raytheon Mfg. Co.: *See*—Continued.
 Riblet, Henry J. 2,678,393.
 Rich, Stanley R. 2,682,049.
 Rich, Stanley R., and Turner. 2,684,449.
 Richmond, Martin R. 2,688,076.
 Schreiner, Louis W. 2,683,862.
 Spencer, Percy L. 2,679,595.
 Spjut, Albert B. 2,694,273.
 Stuesman, Paul W.
 Turner, Edwin E.
 Turner, Edwin E., Jr.
 Vosburgh, Malcolm C. 2,697,787.
 Wimberly, Floyd T. 2,688,112.
- Razzano, Dominick D., Rego Park, N. Y. Treatment of colored pictorial representations to simulate original oil paintings. 2,669,797, Feb. 23.
- Rea, Wilton T.: *See*
 Hysko, John L., Ostendorf, Rea, and Watson. 2,683,189.
 Mahoney, Joseph A., Rea, and Sutliff.
 Rea, Wilton T., assignor to Bell Telephone Laboratories, Incorporated. 2,680,777, Cl. 178—2.
 Rea, Wilton T., to Bell Telephone Laboratories, Inc. 2,690,476, Cl. 178—73.
 Rea, Wilton T., to Bell Telephone Laboratories, Inc. 2,694,160, Cl. 315—24.
- Reaction Motors, Inc.: *See*—
 Burdett, Harry W., Jr., Pearlman, and Neu. 2,692,024.
 Towns, Mirabeau C., Jr. 2,693,111.
- Read, Francis K.: *See*—
 Heyman, Benjamin, and Read.
 Read, Harold L.: *See*—
 Furman, Frank J., Kistner, and Read. 2,687,250.
 Read, Harold L., to International Business Machines Corp. 2,690,297, Cl. 235—58.
- Read Standard Corp.: *See*—
 Avila, Abelardo G.
 Bortner, David C. 2,678,664.
 Doll, Howard B., and Tench. 2,677,198.
 Jorgenson, Gerald A.
 Rhodes, Herbert C. 2,696,334.
 Temple, Hiram E.
 Temple, Hiram E. 2,676,691.
 Temple, Hiram E. 2,686,589.
 Whitfield, Joseph E.
 Whitfield, Joseph E. 2,679,412.
 Whitfield, Joseph E. 2,683,994.
 Williams, Edward J.
- Read, William T., Jr., and V. L. Ronci, assignors to Bell Telephone Laboratories, Incorporated. 2,676,197, Cl. 174—23.
- Reading, Robert J., to O. E. M. Corp. 2,687,726, Cl. 128—191.
- Reading, Robert J., to O. E. M. Corp. 2,687,741, Cl. 137—113.
- Reading, Walter J. 2,679,309, Cl. 198—30.
- Reading, Walter J. 2,691,786, Cl. 15—3.15.
- Reagan, Reginald L.: *See*—
 Brueckner, Arthur L., and Reagan. 2,676,135.
- Realisations Techniques Routieres "Reter": *See*—
 Boyer, Didier. 2,683,621.
- Ream, Fred H., Montgomery County, Ohio. Pipe coupling. 2,670,223, Feb. 23.
- Ream, Fred H. 2,690,902, Cl. 262—8.
- Ream, Gordon A., Dearborn, Mich. Conveyor drive shear pin assembly. 2,665,570, Jan. 12.
- Reamer, Thomas E.: *See*—
 Talley, Samuel K., and Reamer. 2,682,523.
- Reames, Louis E. 2,675,234, Cl. 272—52.5.
- Reardon Co., The: *See*—
 Grossi, Frank X. 2,689,184.
- Reardon, Patrick H.: *See*—
 Porter, Harold M., and Reardon. 2,686,391.
- Rearick, John S., to The M. W. Kellogg Co. 2,684,959, Cl. 260—87.5.
- Reaser, Warren E., assignor to The Sun Tool & Machine Company, Toledo, Ohio. Edge grinding machine for various shaped glass plates. 2,670,575, Mar. 2.
- Reaser, William A., and E. A. Ziems, assignors to The Sun Tool & Machine Company, Toledo, Ohio. Edge grinding machine for glass plates or the like. 2,671,992, Mar. 16.
- Reaves, Robert S., to Allis-Chalmers Mfg. Co. 2,688,908, Cl. 97—46.07.
- Reaves, Robert S., and L. R. Yeske, to Allis-Chalmers Mfg. Co. 2,696,773, Cl. 97—46.07.
- Reavis, Hollis H.: *See*—
 Adams, Robert L., and Reavis.
 Reavis, William J., and E. Schutte, assignors to S. & E. Manufacturing Company, Baltimore, Md. Slip cover. 2,671,499, Mar. 9.
- Rebell, Harry, assignee: *See*—
 Bell, Sidney R. 2,677,341.
- Rebenstock, August: *See*—
 Neugebauer, Wilhelm, Rebenstock, and Scherer. 2,692,826.
- Reber, Clarence G.: *See*—
 Bailey, James, Pinsky, and Reber.
- Reber, John, Jr.: *See*—
 Van Haaften, Egbert, and Reber. 2,690,688.
- Rebikoff, Dimitri I. 2,694,956, Cl. 88—22.5.
- Rebuffoni, Martin: *See*—
 Steinert, Emil F., Bichsel, and Rebuffoni.
- Reciniello, Frank, to Westinghouse Electric Corp. 2,693,054, Cl. 19—78.
- Reck, Richard A.: *See*—
 Brauh, Robert G., and Reck. 2,695,284.
 Harwood, James, Hoerr, and Reck.
 Turinsky, Otto, and Reck.
- Recklitis, Charles F., Mahanoy City, Pa. Drainage tube with clot extractor. 2,670,519, Mar. 2.
- Reckman, Robert F.: *See*—
 Zobel, Theodor W., and Mirus. 2,693,065.
- Reconstruction Finance Corp.: *See*—
 Baldwin, Jesse A.
 Bojewicz, Robert H., and Fish. 2,674,033.
 Couse, Kibbey W.
 Fettes, Edward M. 2,676,165.
 Frieder, Leonard P., and Finken. 2,680,577.
 Frye, Reinhold A., and Bracutt. 2,676,492.
 Manley, John C.
 Ransom, David H., and Benjamin. 2,692,366.
 Roemisch, Harry S. 2,693,044.
- Record Files, Inc., assignee: *See*—
 Regenhardt, Hans W. 2,676,083.
- Records, Elmer H. 2,689,213, Cl. 202—106.
- Rector, Charles N.: *See*—
 Magill, Harold H., and Rector.
 Rector, Enoch. 2,679,387, Cl. 261—51.
 Rector, Enoch. 2,679,388, Cl. 261—51.
 Rector, William A. 2,683,784, Cl. 200—86.
- Reda Pump Company, assignee: *See*—
 Arutunoff, Armais. 2,674,194.
 Arutunoff, Armais. 2,680,609.
- Reddeck, Joseph G., New Brunswick, N. J., assignor to Radio Corporation of America. Color television. 2,668,189, Feb. 2.
- Redden, Thomas K.: *See*—
 Herres, Schuyler A., and Redden. 2,691,578.
- Redding, Arnold H., Wallingford, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine apparatus. 2,672,281, Mar. 16.
- Redding Manufacturing Company, Inc., assignee: *See*—
 Ryan, Albert O. 2,680,084.
- Reddington, Thomas H.: *See*—
 Fields, George C., and Reddington. 2,685,288.
- Reddy, Virgin C., Livonia, and C. J. Willrich, Jr., Allen Park, assignors to General Motors Corporation, Detroit, Mich. Governor mechanism. 2,669,983, Feb. 23.
- Reddy, Virgin C., and R. H. Harrison, to General Motors Corp. 2,686,503, Cl. 123—27.
- Redemske, Ralph F.: *See*—
 Shannon, William W., Redemske, and Attura. 2,689,319.
- Redfern, Sutton, and J. F. Lenney, to Standard Brands Inc. 2,686,730, Cl. 106—214.
- Redington, F. B., Co.: *See*—
 Malhiot, Clarence J.
 Malhiot, Clarence J. 2,680,545.
 Malhiot, Clarence J. 2,694,350.
 Malhiot, Clarence J. 2,696,941.
- Redington, John: *See*—
 Howell, Alleyne C., Jr. 2,685,985.
- Redler Conveyors Ltd.: *See*—
 Baker, James M. 2,695,107.
- Redler, Harry. 2,689,154, Cl. 304—5.
- Redlich, Otto, and C. M. Gable, to Shell Development Co. 2,684,935, Cl. 202—42.
- Redlin, Alfred W. 2,675,822, Cl. 137—170.3.
- Redman, Albert M., assignor to Redman Tools & Products Limited. 2,680,467, Cl. 153—46.
- Redman, Frank B., to Hamilton Watch Co. 2,693,631, Cl. 29—90.
- Redman, Frank R., J. Hamilton, and J. P. Wilson, to Proctor & Schwartz, Inc. 2,684,519, Cl. 26—18.5.
- Redman Tools & Products Limited, assignee: *See*—
 Redman, Albert M. 2,680,467.
- Redman Trailer Company, assignee: *See*—
 Poole, Myron C.
- Redmon, Don M.: *See*—
 Backman, William O., and Redmon.
- Redmond Co., Inc.: *See*—
 Latta, Edward. 2,691,894.
 Merriam, Frank R., Jr.
 Seelhoff, Manley R.
 Seelhoff, Manley R. 2,677,962.
 Woltanski, Adolph E. 2,697,795.
- Redmond, John A., and W. L. Corteggiano, to Westinghouse Electric Corp. 2,689,900, Cl. 219—10.75.
- Redmond, John M., Jr., to The Coleman Co., Inc. 2,681,000, Cl. 98—38.
- Redmond, John M., Jr., to The Coleman Co., Inc. 2,685,245, Cl. 98—38.
- Redmond, Robert L., to Automotive Rubber Co., Inc. 2,684,400, Cl. 174—153.
- Redmond, Thomas J. L.: *See*—
 Howell, Alleyne C., Jr. 2,685,985.
- Red Star Button Co. Inc., assignee: *See*—
 Gillespie, James F. 2,680,665.
- Reece, Clarence D., Duluth, assignor, by mesne assignments, to H. F. Woodward, Minneapolis, Minn. Wheeled vacuum cleaner cart. 2,668,977, Feb. 16.
- Reece Folding Machine Company, assignee: *See*—
 Gilbert, Alfred G., and Rogers.

- Reese, Herbert A. 2,687,294, Cl. 266—25.
 Reed, Alfred S., assignor to Ripon Knitting Works. 2,679,117, Cl. 36—9.
 Reed, Arnold. 2,677,906, Cl. 36—71.
 Reed, Clarence E., Wichita, Kans. Earth-boring drill. 2,673,128, Mar. 23.
 Reed, Frank J., and L. J. Bobb, assignors to The International Electronics Company. 2,675,973, Cl. 242—55.
 Reed, Frank J., and L. J. Bobb, to The International Electronics Co. 2,686,845, Cl. 179—100.2.
 Reed, Frank S., Florence, Ky. Flush tank valve. 2,668,297, Feb. 9.
 Reed, Harold V., and R. L. Smirl, to Borg-Warner Corp. 2,692,663, Cl. 188—259.
 Reed, Harry J., Jr., assignor to General Precision Laboratory Incorporated. 2,680,231, Cl. 333—28.
 Reed, Herbert B., Jr.: *See—*
 Goldberg, Monroe B., and Reed. 2,697,736.
 Goldberg, Monroe B., and Reed. 2,697,737.
 Reed, Homer C., C. H. O. Berg, and C. B. Leffert, to Union Oil Co. of California. 2,694,622, Cl. 23—260.
 Reed, Hugh W. B., to Imperial Chemical Industries Ltd. 2,686,208, Cl. 260—666.
 Reed, Hugh W. B., to Imperial Chemical Industries Ltd. 2,686,209, Cl. 260—666.
 Reed, John C., Jr., to the United States of America as represented by the Secretary of the Navy. 2,693,538, Cl. 250—36.
 Reed, John N. 2,680,945, Cl. 56—25.4.
 Reed, Lester J., to Research Corp. 2,694,066, Cl. 260—256.5.
 Reed, Lou C., West Hartford, assignor to The Marvan Corporation, Hartford, Conn. Apparatus for manufacturing wallboard joint tape. 2,671,990, Mar. 16.
 Reed, Neville S., to British Insulated Callender's Cables Ltd. 2,689,039, Cl. 205—8.
 Reed-Prentice Corp.: *See—*
 Smith, Donald J. 2,688,989.
 Reed, Raymond E.: *See—*
 Hopkins, Ruth H., and Reed. 2,682,272.
 Reed, Raymond E., assignor, by mesne assignments, to The Gillette Company. 2,680,305, Cl. 34—96.
 Reed Research Inc., assignee: *See—*
 Campbell, Richard D.
 Shaffer, Thomas N., and Houghton. 2,675,952.
 Reed, Robert B., and E. M. Woods, to Western Electric Co. 2,688,574, Cl. 148—13.
 Reed, Robert C.: *See—*
 Miller, Joseph V., and Reed.
 Reed, Robert D.: *See—*
 Zink, John S., and Reed.
 Reed, Robert L., Schenectady, N. Y., assignor to General Electric Company. Sorption type getter structure. 2,666,159, Jan. 12.
 Reed, Robert S. 2,690,072, Cl. 72—1.
 Reed, Roland L.: *See—*
 Toth, John E., and Reed. 2,682,181.
 Reed Rolled Thread Die Co.: *See—*
 Scott, Elmer T. Re. 23,897.
 Scott, Elmer T. 2,679,773.
 Reed Roller Bit Co.: *See—*
 Boice, Elvin G. 2,676,820.
 Boice, Elvin G. 2,683,512.
 Boice, Elvin G., and Peter. 2,697,014.
 Kucera, Clement M., and Peter. 2,692,117.
 Rees, Shropshire E.
 Stokes, John C.
 Stokes, John C. 2,691,302.
 Reed Standard Corporation, assignee: *See—*
 Temple, Hiram E.
 Reed, William G., Jr., to Standard Oil Development Co. 2,693,999, Cl. 23—209.9.
 Reed, William O.: *See—*
 Pakswier, Serge, and Reed. 2,689,313.
 Szegho, Constantin S., and Reed.
 Szegho, Constantin S., and Reed. 2,687,492.
 Szegho, Constantin S., Reed, and Amdursky.
 Reed, Willie. 2,677,904, Cl. 36—29.
 Reeder, Frank, and E. R. Wallsgrove, assignors to Courtaulds Limited. 2,680,728, Cl. 260—49.
 Reeder, James J., Jr. 2,679,696, Cl. 33—194.
 Reeder, Ray. 2,678,853, Cl. 306—20.
 Reedy, Joseph F., Greensburg, Pa. Material handling apparatus. 2,671,567, Mar. 9.
 Reefer-Galler, Inc., assignee: *See—*
 Bink, Julius H., and Evers.
 Reek, Royal J., to Bendix Aviation Corp. 2,683,597, Cl. 264—18.
 Reerink, Engbert H., and J. Van der Vliet, assignors, by mesne assignments, to Hartford National Bank and Trust Company, as trustee. Re. 23,815, Cl. 99—11.
 Rees, Clarence A., and D. Cloutier, to Illinois Tool Works. 2,695,690, Cl. 189—46.
 Rees, Fallis F. 2,681,561, Cl. 72—6.
 Rees, Harry V., and A. L. Tirico, assignors to Texaco Development Corporation. 2,677,780, Cl. 313—93.
 Rees, James G., Chicago, Ill., assignor to Westinghouse Air Brake Company. Apparatus for measuring rate of flow of fluid. 2,672,602, Mar. 16.
 Rees, Shropshire E., assignor to Reed Roller Bit Company, Houston, Tex. Countersinking apparatus. 2,669,887, Feb. 23.
 Reese, Dave T., and V. E. Staggs. 2,694,557, Cl. 259—46.
 Reese Engineering Company, assignee: *See—*
 Reese, Harley R.
 Reese, Harley R., Huntington Park, assignor to Reese Engineering Company, Los Angeles, Calif. Hydraulic loader. 2,668,631, Feb. 9.
 Reese, John E.: *See—*
 Lorand, Eugene J., and Reese. Re. 23,916.
 Lorand, Eugene J., and Reese. 2,687,438.
 Lorand, Eugene J., and Reese. 2,691,683.
 Reese, Terrell J., Elkhart, Ind., and N. B. Wood, Lakeland, Fla., assignors to Food Machinery and Chemical Corporation. Feeder for whole fruit juicers. 2,667,961, Feb. 2.
 Reeve, Robert E., Tracy, Calif. Valve. 2,670,009, Feb. 23.
 Reeves, Arthur M.: *See—*
 Miller, George E., Faber, and Reeves.
 Reeves, Donald H.: *See—*
 Tenney, Raymond M., Hornaday, and Reeves.
 Reeves, Edward D., and K. K. Kearby, to Standard Oil Development Co. 2,694,686, Cl. 252—435.
 Reeves, Eugene J.: *See—*
 Terry, Jerome T., Jr., and Reeves. 2,677,152.
 Reeves, George B., assignor to West Point Manufacturing Company. 2,678,733, Cl. 210—199.
 Reeves, Herbert M., assignor to Florence Stove Company. 2,675,797, Cl. 126—1.
 Reeves-Hoffman Corporation, assignee: *See—*
 Hill, Bertram C. 2,677,064.
 Reeves, Pierce E., Park Ridge, Ill., assignor to Zenith Radio Corporation. Subscriber transmission system. 2,673,237, Mar. 23.
 Reeves, Pierce E., assignor to Zenith Radio Corporation. 2,677,719, Cl. 178—5.1.
 Reeves, Pierce E. 2,688,696, Cl. 250—27.
 Reeves, William D., to Russell-Lacey Mfg. Co., Inc. 2,682,238, Cl. 112—79.
 Reeves, Wilson A., and J. D. Guthrie, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Flameproof fibrous aminoethylated cellulose derivatives. 2,668,096, Feb. 2.
 Refining, Unincorporated: *See—*
 Perlman, David, and Mattikow. 2,691,011.
 Reflectone Corp., The: *See—*
 Bennett, Maurice D.
 Bennett, Maurice D. 2,696,109.
 Brown, Forrest W.
 Coster, Allan A.
 Coster, Allan A. 2,696,595.
 Mickelson, Nils B. 2,683,230.
 Mickelson, Nils B. 2,698,395.
 Simjian, Luther G. 2,675,926.
 Reflector Hardware Corporation, assignee: *See—*
 Samuels, Martin L.
 Refrigeration Engineering, Inc., assignee: *See—*
 Wile, Daniel D. 2,680,599.
 Wile, Daniel D. 2,680,667.
 Regan Forge & Engineering Co., assignee: *See—*
 Garrison, Marion A. 2,679,293.
 Garrison, Marion A. 2,679,383.
 Minor, Burt S.
 Regenhardt, Hans W., assignor to Record Files, Inc. 2,676,083, Cl. 312—342.
 Reger, Marquis B.: *See—*
 Funk, Henry C., and Reger. 2,690,981.
 Reger, Walter: *See—*
 Rudolph, Hans, Jürgens, and Reger. 2,674,653.
 Reggiani, George J., Brooklyn, N. Y. Collapsible and portable crib attachment. 2,667,647, Feb. 2.
 Reggiani, Giulio, assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. 2,674,067, Cl. 49—84.
 Reggio, Ferdinando C., Buffalo, N. Y. Engine regulating system. 2,670,724, Mar. 2.
 Reggio, Ferdinando C., Norwalk, Conn. Engine fuel control. 2,673,556, Mar. 30.
 Regie Nationale des Usines Renault: *See—*
 Saives, Léon. 2,695,789.
 Saives, Léon. 2,785,169.
 Regier, Dietrich D. 2,682,959, Cl. 214—83.36.
 Regina Corporation, The, assignee: *See—*
 Verhagen, Edward L. 2,676,067.
 Regina, José M. D. 2,687,077, Cl. 99—313.
 Regnell, Carl E., Vaxjo, Sweden. Artificial leg. 2,671,224, Mar. 9.
 Regnier, Gerard M., Chicago, Ill. Making terminal strips and the like. 2,670,530, Mar. 2.
 Regoord, Gerard. 2,675,211, Cl. 254—148.
 Rehabilitation Center for the Physically Handicapped, Incorporated, assignee: *See—*
 Thackeray, Charles K.
 Rehak, James, C. R. Wallace, and R. C. Seanor, to Adamson-United Co. 2,696,635, Cl. 18—2.
 Rehberg, Chessie E., assignor to United States of America as represented by the Secretary of Agriculture. 2,676,941, Cl. 260—31.4.
 Reheis Co., Inc.: *See—*
 Beekman, Stewart M. 2,698,332.
 Brown, Peter M., Jr., and Beekman. 2,686,800.
 Rehfeld, George W., Manhattan, Kans. Jetty. 2,669,844, Feb. 23.

- Rehkopf, Harold L., and W. H. Bostick, assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,805, Cl. 332—5.
- Rehorn, Miles P., Nashville, Tenn. Optical system adaptable to stereoscopic projectors, viewers, and television. 2,669,901, Feb. 23.
- Rehorn, Miles P. 2,689,879, Cl. 178—5.4.
- Rehs, Gerd: *See*—
Geffcken, Walter, and Rehs. 2,678,281.
- Rehse, Otto P. 2,691,251, Cl. 51—33.
- Reiber, Carl S.: *See*—
Whitworth, Thomas W., and Reiber. 2,688,888.
- Reich, Harold A., New York, N. Y. Shirt marker. 2,664,633, Jan. 5.
- Reich, Heinz H. F.: *See*—
Elrich, Wilhelm A., and Reich. 2,677,619.
- Reich, Kurt, and G. Walliser, to Firma Karl M. Reich. 2,682,617, Cl. 310—67.
- Reich, Otto, $\frac{1}{3}$ to J. Vignati, and $\frac{1}{3}$ to E. Wieden. 2,697,339, Cl. 67—7.1.
- Reichelderfer, Charles A.: *See*—
Norman, Edward A., Jr., Reichelderfer, Herzig, and Raymer. 2,697,428.
- Reichelderfer, Edgar J., assignor to Trico Products Corporation. 2,676,821, Cl. 287—14.
- Reichenbach, Howard F., $\frac{1}{2}$ to Cresale Inc. 2,683,899, Cl. 18—42.
- Reichert, James B. 2,694,537, Cl. 244—118.
- Reichert, Otto, and O. Winter, to Olympia Werke West Gesellschaft mit beschränkter Haftung. 2,692,037, Cl. 197—103.
- Reichert, Philip, New York, assignor to Sonotone Corporation, Elmsford, N. Y. Wearable hearing aid having external microphone with penetrating pin connector structure. 2,673,898, Mar. 30.
- Reichert, Theophil, Brilon-Wald, Germany. Process and means for determining the true specific gravity of wood. 2,668,439, Feb. 9.
- Reicherter, Georg: *See*—
Dettinger, Otto W. 2,693,697.
- Hohner, Walter.
- Hohner Walter. 2,682,169.
- Reicherter, Georg E. 2,684,535, Cl. 33—168.
- Reiches, Sol L. 2,686,871, Cl. 250—27.
- Reichl, Eric H.: *See*—
Jones, Sam A., and Reichl.
- Reichl, Raymond M., Forest Hills, assignor to Hydropress, Incorporated, New York, N. Y. Pipe testing machine. 2,671,338, Mar. 9.
- Reichl, Raymond M., Forest Hills, assignor to Hydropress, Incorporated, New York, N. Y. Extrusion press. 2,671,557, Mar. 9.
- Reichl, Raymond M., to Hydropress, Inc. 2,686,444, Cl. 80—51.
- Reichl, Raymond M., Forest Hills, and R. Singer, assignors to Hydropress, Inc., New York, N. Y. Hydraulic machine. 2,667,136, Jan. 26.
- Reichle, Winfried E., to Bell Telephone Laboratories, Inc. 2,686,257, Cl. 250—13.
- Reichman, Samuel G.: *See*—
Mende, Harold W. 2,696,870.
- Reichold, Ludwig, Simsbury, Conn. Toaster. 2,673,516, Mar. 30.
- Reid, Allen F., Dallas, Tex. Ion exchange process for separating proteins. 2,669,559, Feb. 16.
- Reid, Carl R., to The Hoover Co. 2,683,860, Cl. 324—73.
- Reid, Ebenezer E.: *See*—
Miller, George E., and Reid. 2,695,306.
- Reid, Helen C. 2,697,222, Cl. 2—49.
- Reid, John C.: *See*—
Hersberger, Arthur B., and Reid. 2,698,280.
- Reid, John D., to Avco Mfg. Corp. 2,686,679, Cl. 274—38.
- Reid, John D., to Avco Mfg. Corp. 2,692,943, Cl. 250—13.
- Reid, Joseph H., assignee: *See*—
Warner, George E. 2,675,541.
- Reid, Laurance S. 2,677,435, Cl. 183—11.
- Reid, Laurance S. 2,677,438, Cl. 183—114.2.
- Reid, Laurance S. 2,678,108, Cl. 183—4.0.
- Reid, Laurance S. 2,681,150, Cl. 210—44.
- Reid, Laurance S. 2,690,814, Cl. 183—114.6.
- Reid, Robert J., C. Fulton, and W. M. Smith, Jr., Cuyahoga, Falls, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Stabilizing and plasticizing vinylidene chloride resins. 2,666,039, Jan. 12.
- Reid, Robert J., W. M. Smith, Jr., and B. H. Werner, to The Firestone Tire & Rubber Co. 2,686,168, Cl. 260—31.6.
- Reid, Roy C.: *See*—
Brant, John R., and Reid. 2,696,732.
- Reid, Roy T., Miami, Fla. Mannequin for wearing apparel. 2,665,040, Jan. 5.
- Reid, Thomas S.: *See*—
Hals, Lyle J., Reid, and Smith.
- Reid, William D. 2,684,550, Cl. 43—27.4.
- Reid, William L., and D. A. Galonska, to General Motors Corp. 2,693,713, Cl. 74—48.4.
- Reif, Henry E.: *See*—
Lipkin, Moses R., and Reif. 2,680,716.
- Reifel, Harry, assignor to Stevens-Arnold Inc. 2,675,440, Cl. 200—90.
- Reifenberg, Joseph H., to Westinghouse Electric Corp. 2,690,949, Cl. 312—270.
- Reiff, Orland M., assignor to Socony-Vacuum Oil Company, Incorporated. 2,677,659, Cl. 252—33.4.
- Reiff, Orland M., assignor to Socony-Vacuum Oil Company, Incorporated. 2,677,660, Cl. 252—33.4.
- Reiff, Orland M., and A. P. Kozacki, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Thiophenated ketones and mineral oil compositions containing the same. 2,673,840, Mar. 30.
- Reiffen, Ernst A. 2,698,144, Cl. 241—206.
- Reigh, Clarence J.: *See*—
Fox, Joseph M., and Reigh.
- Reigh, Clarence J., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Grapple. 2,665,937, Jan. 12.
- Reihman, Richard F. 2,675,198, Cl. 244—152.
- Reilly, Robert J.: *See*—
Standiel, Charles A., and Reilly. 2,680,668.
- Reilly, Alfred F., Taunton, Mass., assignor to Evans Case Co. Wick for lighters. 2,669,108, Feb. 16.
- Reilly, Franklin J. 2,690,099, Cl. 92—49.
- Reilly, James T., Laguna Beach, Calif. Accelerator setting control. 2,670,822, Mar. 2.
- Reilly, Joe, assignee: *See*—
Rohrbach, Hans.
- Reilly, John B. 2,687,697, Cl. 103—202.
- Reilly, Norman A., Santa Ana, Calif. Outlet box locator. 2,666,546, Jan. 19.
- Reilly, Myles. 2,685,002, Cl. 179—189.
- Reilly Tar & Chemical Corporation, assignee: *See*—
Sutherland, Leslie H., and Cislak.
- Reiman, Walter J. 2,688,973, Cl. 135—1.
- Reimann, Kurt P. 2,681,612, Cl. 101—25.
- Reimann, Walter: *See*—
Cardinal, William E. 2,694,252.
- Reimbert, Raymond, to Etablissements Tanagerois d'Expansion Industrielle & Commerciale. 2,683,914, Cl. 25—154.
- Reimche, Edwin C., assignee: *See*—
Bossert, Norman K., and Wagner.
- Reimschissel, Charles A., assignor to Landis Machine Company, Waynesboro, Pa. Thread grinding mechanism and method. 2,668,401, Feb. 9.
- Reimschissel, Charles A., assignor to Landis Machine Company. 2,678,825, Cl. 279—7.
- Reimschissel, Charles A., to Landis Machine Co. 2,681,460, Cl. 10—100.
- Reinacher, Gerhard: *See*—
Holzmann, Hermann, and Reinacher. 2,685,547.
- Reindl, Harold J.: *See*—
Prance, Stanley R., and Reindl. 2,683,113.
- Reindl, Harold J., and S. R. Prance, to General Motors Corp. 2,683,112, Cl. 204—20.
- Reinebach, Lewis C. 2,685,142, Cl. 39—31.
- Reineman, Howard, H., Brighton, N. Y. Holder for photographic sheets. 2,664,896, Jan. 5.
- Reinemer, Conrad. 2,692,450, Cl. 41—26.
- Reiner, George. 2,675,159, Cl. 229—28.
- Reiner, Laszlo, assignor to Wallace & Tiernan Company, Inc. 2,680,088, Cl. 167—58.
- Reiner, Robert, Inc., assignee: *See*—
Lambach, Fritz.
- Lambach, Fritz. 2,678,551.
- Lambach, Fritz. 2,685,788.
- Lambach, Fritz. 2,687,629.
- Lambach, Fritz. 2,688,860.
- Lambach, Fritz, and Siegel.
- Reiners, Walter: *See*—
Fürst, Stefan. 2,677,870.
- Fürst, Stefan. 2,679,361.
- Fürst, Stefan. 2,683,917.
- Fürst, Stefan. 2,685,414.
- Fürst, Stefan. 2,685,726.
- Fürst, Stefan. 2,697,267.
- Reiners, Walter. 2,685,413, Cl. 242—35.6.
- Reingold, Lucien: *See*—
Viaud, Louis, and Reingold. 2,692,480.
- Reinhard, George C., Wood-Ridge, N. J. Cleaning preparation and preparing the same. 2,673,841, Mar. 30.
- Reinhard, Walter J. 2,677,410, Cl. 154—42.3.
- Reinhard, Wolfgang, and A. Rappold, to International Standard Electric Corp. 2,694,784, Cl. 315—27.
- Reinhardt, Henry A., and W. F. Moody, assignors to Bigelow-Sanford Carpet Company, Inc. 2,676,384, Cl. 28—76.
- Reinhardt, Robert E. 2,674,804, Cl. 33—67.
- Reinhart, Harold C., to Magic Chef, Inc. 2,682,303, Cl. 158—115.
- Reinhart, Walter L., assignor to Atlas Powder Company. 2,674,526, Cl. 52—13.
- Reinig, Henry J.: *See*—
Hubbell, John P., and Reinig. 2,697,529.
- Reiniger, Friedrich, to Hartford National Bank and Trust Co., as trustee. 2,692,340, Cl. 250—90.
- Reininger, Walter G.: *See*—
Stava, Robert J., and Reininger.
- Reinisch, Rudolf. 2,687,236, Cl. 222—92.
- Reinke, George W., to Roto-Screen Co. 2,688,917, Cl. 101—126.
- Reinsch, Earl W., assignor to General Motors Corporation. 2,678,731, Cl. 210—57.
- Reinsma, Jack R., to Stewart-Warner Corp. 2,683,012, Cl. 248—129.
- Reintjes, George P., Kansas City, Mo. Insulating encasement. 2,670,192, Feb. 23.
- Reintjes, George P. 2,685,264, Cl. 110—99.

- Reip, Frank A., Brooklyn, N. Y. Work dividing attachment. 2,665,614, Jan. 12.
- Reis, David F. 2,690,925, Cl. 294—61.
- Reischl, Karl E., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Dumping control for scrapers. 2,669,043, Feb. 16.
- Reiser, Castle O.: *See*—
Bray, Donald T., and Reiser. 2,694,681.
- Reisner, John H., assignor to Radio Corporation of America. 2,678,581, Cl. 88—14.
- Reisner, John H., and P. C. Smith, assignors to Radio Corporation of America. 2,679,018, Cl. 313—84.
- Reiss, Harold R. 2,684,137, Cl. 250—15.
- Reiss, Irwin A. 2,686,004, Cl. 229—55.
- Reiss, James H.: *See*—
Faucher, Roy, and Reiss. 2,685,944.
- Reiss, Joseph A.: *See*—
Faucher, Roy, and Reiss. 2,685,944.
- Reiss, Lawrence: *See*—
Galin, Harry, and Reiss. 2,687,825.
- Reissmann, Thomas L., and A. Bloch, to Ethicon Inc. 2,682,857, Cl. 116—114.
- Reit, Henry E.: *See*—
Soredal, Sven G., and Reit. 2,685,656.
- Reiter, David. 2,686,970, Cl. 32—63.
- Reiter, Gertrude: *See*—
Reiter, Harold J. 2,685,114.
- Reiter, Harold J., deceased; G. Reiter, administratrix, to Rau Fastener Co. 2,685,114, Cl. 24—219.
- Reiter, Orva W. 2,680,619, Cl. 273—95.
- Reiter, Otis F. 2,686,996, Cl. 55—17.
- Reiter, William L., Emporium, Pa., assignor to Sylvania Electric Products Inc. Dummy feed for stem machines. 2,672,712, Mar. 23.
- Reitfort, Henry A., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Record strip positioning device. 2,672,287, Mar. 16.
- Reitlinger, Otto. 2,674,633, Cl. 260—654.
- Reitz, Archie E. 2,687,007, Cl. 60—23.
- Reitz, Clifford L., Trenton, N. J., E. G. Lipski, Bristol, and J. F. Young, Erie, Pa., assignors to General Electric Company. Supporting frame for clothes-washing mechanism. 2,667,269, Jan. 26.
- Reitz, Donald S., assignor to Morse Boulger Destructor Co. 2,675,138, Cl. 214—518.
- Reitz, John R.: *See*—
Hersh, John F., Faran, and Reitz. 2,683,858.
- Roker, Louis R. G., C. E. Deitch, and H. Benson. 2,683,316, Cl. 36—8,3.
- Reketttye, Paul, Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Doll construction with noise effects. 2,668,393, Feb. 9.
- Relaxacizor, Inc., assignee: *See*—
Browner, William J.
- Reliance Electric and Engineering Company, The, assignee: *See*—
Clark, John A.
- Reliance Gauge Column Co., The: *See*—
Brown, John R. 2,691,899.
- Brown, John R., and Gilbert. 2,678,434.
- Reliance Steel Products Co.: *See*—
Nagin, Harold. 2,682,292.
- Relken, Gerald E. 2,696,748, Cl. 81—61.
- Rembrandt Lamp Corporation, assignee: *See*—
Lewis, Murray R. 2,680,317.
- Rem-Cru Titanium, Inc.: *See*—
Evans, Richard E., Darby, and Catlin. 2,686,822.
- Evans, Richard E., Darby, and Owen. 2,686,824.
- Finlay, Walter L., Jaffee, and Ogden. 2,686,824.
- Jaffee, Robert L., Ogden, and Maykuth. 2,686,824.
- Vordahl, Milton B. 2,675,309.
- Remelius, Hermann, to Fortuna-Werke Spezialmaschinen-fabrik A.-G. 2,683,975, Cl. 69—9,5.
- Remick, Walter L., assignor to Hydrotator Company. 2,679,934, Cl. 209—159.
- Remillard, Harold E.: *See*—
Lampman, James A., and Remillard. 2,685,813.
- Remimax Aktiebolag: *See*—
Andrae, Ernst C., and Meyer. 2,696,537.
- Remington Arms Co., Inc.: *See*—
Baisch, Richard K.
- Brown, Robert A., and Du Pont. 2,679,618.
- Catlin, John P. 2,685,252.
- Catlin, Robert T. 2,675,607.
- Catlin, Robert T. 2,692,383.
- Catlin, Robert T., and Kelly. 2,675,546.
- Crittendon, Lexie R. 2,675,638.
- Crittendon, Lexie R., and Gail. 2,685,754.
- Darby, Paul F., Kinraide, Hentschel, and Hammond. 2,685,754.
- Eckstein, George R.
- Hartman, Robert B., and Aitken. 2,679,904.
- Hockenberger, George C., and Turner. 2,679,904.
- Kenney, Joseph F. 2,689,788.
- Turner, John R. 2,679,311.
- Remington, Frederic, Elizabeth, and R. A. Tartaglia, East Orange, assignors to Peerless Tube Company, Bloomfield, N. J. Apparatus for removing collapsible tubes from the extruding plungers of extruding machines. 2,671,558, Mar. 9.
- Remington, Frederic, Elizabeth, and R. A. Tartaglia, East Orange, assignors to Peerless Tube Company, Bloomfield, N. J. Collapsible tube with easily rupturable neck diaphragm. 2,671,577, Mar. 9.
- Remington Rand Inc.: *See*—
Brustman, Joseph A. 2,677,815.
- Brustman, Joseph A. 2,691,144.
- Crosman, Loring P. 2,676,249.
- Crosman, Loring P. 2,693,593.
- Crosman, Loring P., and Chall. 2,693,593.
- Eaton, William W., and Olson. 2,676,514.
- Eckert, John P., Jr. 2,686,299.
- Eckert, John P., Jr., and Auerbach. 2,687,473.
- Eckert, John P., Jr., Sims, and Welsh. 2,686,100.
- Ferry, John T., Bennett, Kase, and McGirr. 2,681,145.
- Habahan, John, Aronson, and Lyon. 2,692,529.
- Heybourne, Victor C.
- Kase, Otto E. 2,693,753.
- Kent, John W. 2,692,601.
- Landsiedel, Walter W. 2,688,439.
- Lindstrom, Howard D. 2,688,525.
- Matheny, Hollis B. 2,689,572.
- Olson, Harold T.
- Paige, Walter G. 2,694,362.
- Pursey, Alfred W. G. 2,689,570.
- Reuter, Peter J. 2,677,074.
- Roggenstein, Edwin O. 2,682,581.
- Ross, Albert M. 2,691,216.
- Sargatz, Earl H. 2,675,111.
- Schremp, Frederick W. 2,682,944.
- Sharp, Thomas A. 2,694,481.
- Welsh, Herbert F., Wendell, and Bonn. 2,682,335.
- Wolters, Carl F. 2,686,704.
- Wolters, Carl F. 2,689,775.
- Wolters, Carl F. 2,689,777.
- Remington, William R.: *See*—
Billings, Orman B., and Remington.
- Langerak, Esley O., Prucino, and Remington. 2,692,873.
- Remore, Virgil B., Cummings, Calif. Incinerator with damper controlled internal flue. 2,669,199, Feb. 16.
- Rempel, Dietrich G., to Vinyl-Cast, Inc. 2,681,472, Cl. 18—26.
- Remstein, William, assignor of $\frac{3}{4}$ to I. Elman and $\frac{1}{4}$ to D. H. Simon. 2,680,267, Cl. 20—5.
- Remus, Felix: *See*—
Kennedy, Henry A., and Remus. 2,694,745.
- Renard, George S.: *See*—
Fernandez, John J. 2,684,882.
- Renard, George, born Durand. 2,680,850, Cl. 2—74.
- Renard, Roland E., to Pacific Can Co. 2,681,968, Cl. 219—4.
- Renart, Louis. 2,695,534, Cl. 74—752.
- Renaud, Samuel, to "Etablissements Terrot." 2,687,650, Cl. 74—230,17.
- Rench, Carl F., Troy, assignor to The National Cash Register Company, Dayton, Ohio. Electronic accumulator. 2,671,171, Mar. 2.
- Rench, Carl F., to The National Cash Register Co. 2,697,551, Cl. 235—92.
- Renck, Paul: *See*—
Casas, Robert, Ramon, and Renck. 2,682,845.
- Rendall, Warren C.: *See*—
Claus, Paul E., Nye, and Rendall. 2,690,289.
- Rendall, Warren C., Tampa, Fla., assignor to Gaylord Container Corporation, St. Louis, Mo. Produce tray. 2,665,836, Jan. 12.
- Rendall, Warren C., to Gaylord Container Corp. 2,695,128, Cl. 229—52.
- Rendel, George H., assignor to United States Steel Corporation. 2,676,146, Cl. 204—195.
- Rendel, George H., to United States Steel Corp. 2,695,098, Cl. 209—75.
- Rendino, Carmen C. 2,687,527, Cl. 2—55.
- Renelt, Alfred J. 2,674,840, Cl. 56—473,5.
- Renfrew, Edgar E.: *See*—
Randall, David I., and Renfrew. 2,677,694.
- Renfrew, Malcolm M.: *See*—
Wittcoff, Harold, and Renfrew. 2,695,908.
- Renfrew, Malcolm M., assignor to General Mills, Inc. 2,676,158, Cl. 260—19.
- Renfrew, Malcolm M., and D. T. Warner, to General Mills, Inc. 2,690,456, Cl. 260—583.
- Renfroe, J. C., & Sons, Inc.: *See*—
Renfroe, Raymond L. 2,693,386.
- Renfroe, Raymond L., to J. C. Renfroe & Sons, Inc. 2,693,386, Cl. 294—92.
- Rengert, James A.: *See*—
Lyijynen, Fred, and Rengert. 2,674,488.
- Renholts, Roy J., to Friden Calculating Machine Co., Inc. 2,692,110, Cl. 248—361.
- Renick, James A., and W. R. Baldwin, to United States Rubber Co. 2,686,553, Cl. 154—9.
- Renn, Harrell: *See*—
Bennett, Elbert V., and Renn. 2,674,770.
- Renner, Elmer J., Aurora, Ill., assignor to Stephens-Adamson, Mfg. Co. Natural frequency vibrating conveyor. 2,664,995, Jan. 5.
- Rennie, Elwood, Red Bank, N. J., and W. W. Hyde, deceased, late of Eatontown, N. J., by J. H. Hyde, executor, Mayetta, Kans., assignors to the United States of America as represented by the Secretary of the Army. Wire stripper. 2,664,769, Jan. 5.

- Renold and Coventry Chain Co. Ltd. *See*—
Simpkin, Francis W. 2,686,431.
- Rensner, Gustav : *See*—
Loring, Gordon F., and Rensner. 2,694,124.
- Renstrom, Carl W., to Tip Top Products Co. 2,695,620.
Cl. 132—42.
- Reo Motors, Inc. : *See*—
Rosenberg, Paul H. 2,692,801.
Williams, William E.
- Repetier Products, Inc. : *See*—
Peterson, Robert E. 2,681,554.
- Replogle, Edward H., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Actuating mechanism for aircraft extensible flaps. 2,670,909, Mar. 2.
- Replogle, Hugh H., to Universal-Cyclops Steel Corp. 2,683,923 Cl. 29—189.
- Repokis, Henry, *See*—
Gagarine, Dmitry M., and Repokis. 2,696,477.
- Reppe, Walter, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,689,261, Cl. 260—497.
- Reppe, Walter, Ludwigshafen (Rhine), N. v. Kutepow, Karlsruhe-Rueppurr, and O. Leichter, Ludwigshafen (Rhine), assignors to Badische Anilin- & Soda-Fabrik Aktiengesellschaft, Ludwigshafen (Rhine), Germany. Production of acrylonitrile. 2,668,175, Feb. 2.
- Repper, Theodore A., and J. J. Spang, Middletown, Ohio. Ingot mold cleaning device and brush. 2,673,363, Mar. 30.
- Reppert, Charles L., Trenton, N. J. Combination platform and hand truck. 2,670,093, Feb. 23.
- Reppert, Richard V., Rochester, N. Y. Decimal point mechanism. 2,673,684, Mar. 30.
- Republic Aviation Corp. : *See*—
Agnew, George E. 2,689,698.
Berzov, Milton C. 2,675,786.
King, Reginald B. 2,678,750.
King, Reginald B., and Arena. 2,679,030.
MacDonald, Robert J. 2,681,547.
Pappas, Costas E. 2,681,192.
Unterman, Manuel. 2,674,900.
- Republic Flow Meters Co. : *See*—
Darner, Frederic M. 2,695,942.
Rosenberger, Albert J. 2,676,575.
Smoot, Charles H. 2,695,981.
Smoot, Charles H., and Landon. 2,677,123.
Wenzel, Alfred C. 2,676,574.
Woina, Benjamin A., and Blazey. 2,693,402.
- Republic Patent Corp. : *See*—
Binks, Melvin J. 2,684,597.
- Republic Steel Corp. : *See*—
Darner, Frederic M. 2,688,804.
Darner, Frederic M., and Caine.
Darner, Frederic M., and Schaefer.
Eisengrein, Harry F., and Adams. 2,677,477.
Farrow, Cecil.
Farrow, Cecil. 2,697,936.
Foehrenbach, Arthur F. 2,689,573.
Foxx, Norbert E. 2,676,233.
Graham, Marion E., and Beidler. 2,677,593.
Graham, Marion E., Henderson, and Whitehouse.
Jones, Joseph H.
Poth, Clarence G.
Schaefer, Walter S. 2,690,493.
Schofield, Cecil. 2,696,279.
Tingle, Leroy, and Brandon.
Vignes, Paul.
Whitehouse, Irving P., and Beidler.
Whitehouse, Zebulon W., and Schulze.
Woina, Benjamin A. 2,690,371.
- Reschan, Raymond R., and A. Krieg, to General American Transportation Corp. 2,694,017, Cl. 117—50.
- Reschke, Anna C. 2,685,753, Cl. 41—1.
- Research Corp. : *See*—
Arguimbau, Lawrence B., and Granlund. 2,674,690.
Ashworth, Harry, and Bentley. 2,687,647.
Bickford, Reginald G. 2,690,178.
Busfield, Gordon.
Cain, Cornelius K.
Claydon, Thomas J., and Smaltz. 2,679,158.
Davis, Albert S., Jr. 2,682,314.
Draper, Charles S., and Bentley. 2,690,014.
Garik, Serge. 2,674,357.
H. M. Herbert J. 2,675,092.
Harrison, Laurence S. 2,674,686.
Hedberg, Carl W. J.
Hedberg, Carl W. J. 2,677,439.
Hedberg, Carl W. J., and Wintermute. 2,677,434.
Huddleson, Irvin F. 2,682,492.
Kendall, Edward C., and Fleisher. 2,683,153.
Lyle, Robert E., Jr., and G. G. 2,683,145.
McCullum, Elmer V., and Siegenthaler. 2,681,927.
Milas, Nicholas A.
Miller, Byron S., and Johnson. 2,683,682.
Nagel, Lester L.
Phyl, Josph. 2,696,895.
Pirnie, Malcolm. 2,676,919.
Prince, Alfred L. 2,686,217.
Rabkin, Samuel, and Crowder.
Reed, Lester J. 2,694,066.
Richardson, Harry L. 2,681,121.
- Research Corp. : *See*—Continued.
Roberts, Lawrence M., Crowder, and Rabkin. 2,689,019.
Smith, William V. 2,677,051.
Streuber, Rudolf G. 2,681,122.
Thamp, John G., and Cloud. 2,697,793.
Van Hoesen, Harold E.
White, Harry J. 2,678,700.
White, Harry J. 2,682,313.
White, Harry J. 2,693,535.
Whitson, Ralph L.
Wintermute, Harry A.
Wintermute, Harry A. 2,684,760.
Wintermute, Harry A. 2,694,464.
Wintermute, Harry A. 2,696,273.
Woodward, Robert B.
Woodward, Robert B. 2,675,396.
Woodward, Robert B. 2,681,336.
Woodward, Robert B. 2,687,435.
- Research Engineering Corp. : *See*—
Parrish, Walter A. 2,687,709.
- Research Holdings, Inc., assignee : *See*—
Hobbs, Frank. 2,677,268.
- Research Institute of Temple University : *See*—
Grosse, Aristid V. 2,684,284.
- Research Products, Inc. : *See*—
Schmidt, Kenneth H. 2,691,698.
- Resek, Marc : *See*—
Chadwick, Lee S., and Resek.
Chadwick, Lee S., Resek, and Squire. 2,693,792.
Resek, Marc, W. A. Schultz, and L. V. Antl. to Perfection Stove Co. 2,693,849, Cl. 158—91.
Resek, Marc, W. A. Schultz, and L. V. Antl. to Perfection Stove Co. 2,693,913, Cl. 236—1.
Reserve Mining Company, assignee : *See*—
McCutcheon, Kenneth C.
- Reside, James W. 2,694,582, Cl. 280—209.
- Residue Co., The : *See*—
Brown, John P. 2,698,101.
- Resina Automatic Machinery Co. Inc., assignee : *See*—
Resina, Manuel S.
- Resina, Manuel S., deceased, Brooklyn, N. Y., by R. Resina, executrix, assignor to Resina Automatic Machinery Co. Inc., Brooklyn, N. Y. Container capping machine. 2,672,269, Mar. 16.
- Resina, Rosa, executrix : *See*—
Resina, Manuel C.
- Resistance Welders Ltd. : *See*—
Gordon, Samuel H., Thomson, and Johnstone. 2,685,628.
- Resler, John I., assignor to Bundy Tubing Company. 2,679,681, Cl. 29—156.
- Resnick, Hyman, and L. Shnidman. 2,686,361, Cl. 30—41.
- Resnick, Paul : *See*—
Schneid, Alfred F., and Resnick. 2,695,302.
- Ress, Thomas I., assignor to Consolidated Electric Company. 2,676,869, Cl. 346—139.
- Ress, Thomas I., to Consolidated Electric Co. 2,692,301, Cl. 178—18.
- Ressler, Frank J., and T. M. Shockey, Baltimore, Md. Bedspring holder. 2,666,932, Jan. 26.
- Ressler, Ralph E. : *See*—
Entz, Ferdinand S., Pullis, Ressler, Soffel, and Weber. 2,677,726.
- Reswick, James B., Newtonville, assignor to Robert A. Waters, Inc., Waltham, Mass. Accessory for cathode-ray apparatus. 2,673,492, Mar. 30.
- Rethorst, Scott C. 2,681,773, Cl. 244—2.
- Retta, Charles J. : *See*—
Bocchino, Anthony, and Retta. 2,679,256.
- Rettinger, Michael, Encino, Calif., assignor to Radio Corporation of America. Magnetic record erasing transducer. 2,673,896, Mar. 30.
- Rettinger, Michael, Encino, Calif., assignor to Radio Corporation of America. Azimuth test film system and method. 2,673,897, Mar. 30.
- Rettinger, Michael, to Radio Corp. of America. 2,685,618, Cl. 179—100.2.
- Rettinger, Michael, and K. Singer, to Radio Corp. of America. 2,694,111, Cl. 179—100.2.
- Retz, William B., Plainville, assignor to The New Britain Machine Company, New Britain, Conn. Means for preventing draw back marks. 2,673,388, Mar. 30.
- Retz, William B., to The New Britain Machine Co. 2,682,327, Cl. 192—4.
- Retz, William B., to The New Britain Machine Co. 2,690,000, Cl. 29—93.
- Reuerman, Theodor : *See*—
Starreveld, Remmer W. 2,684,199.
Starreveld, Remmer W., and Hamelink. 2,684,201.
Starreveld, Remmer W., and Meijer. 2,684,200.
- Reuss, Lewis R. 2,689,966, Cl. 15—140.3.
- Reussenzehn, Ernest A., to The Hobart Mfg. Co. 2,689,120, Cl. 265—27.
- Reustle, Howard W. 2,676,527, Cl. 97—198.1.
- Reuter, Conrad N., assignor to Chrysler Corporation. 2,678,210, Cl. 267—63.
- Reuter, Frederic W. 2,694,153, Cl. 250—80.
- Reuter, Gottfried, and L. Barnes, assignors to Bucyrus Erie Company. 2,678,508, Cl. 37—144.

- Reuter, Peter J., assignor to Remington Rand Inc. 2,677,074, Cl. 315—323.
- Revak, Daniel: *See*—
McCulloch, Thomas, Jr., and Revak. 2,696,175.
- Revell, Kervin D., Wauchula, Fla. Dowel pinning machine. 2,667,192, Jan. 26.
- Revell, William E. 2,685,138, Cl. 33—178.
- Reverdin, Daniel, to Compagnie Generale de Telegraphie Sans Fil. 2,695,929, Cl. 179—171.
- Revere Camera Co.: *See*—
Claras, Carl W. 2,682,578.
Claras, Carl W., and Wickstrom. 2,680,232.
- Revere Copper and Brass, Inc.: *See*—
Millhouse, Sterling D. 2,676,687.
Poland, Frank F. 2,697,127.
Welden, William A.
Welden, William A. 2,681,075.
Wilkins, Richard A., and Poland. 2,680,144.
Wyman, Glenn C.
Wyman, Glenn C. 2,682,279.
- Revere Corporation of America, assignee: *See*—
MacDonald, Dennison H.
- Revelt, Raymond H.: *See*—
Dyer, Ferderic T., and Revett. 2,688,212.
Dyer, Ferderic T., and Revett. 2,688,213.
- Rex Mfg. Co.: *See*—
King, George W. 2,690,197.
- Rex Research Corporation, assignee: *See*—
Hedenburg, Oscar F.
- Rex, Walter A.: *See*—
Barr, Frank T., and Rex. 2,680,091.
Hardy, Robert L., MacLaren, Hemminger, and Rex. 2,689,823.
- Rex, Walter A., to Standard Oil Development Co. 2,692,847, Cl. 196—50.
- Rex, Walter A., and R. W. Winkler, Westfield, N. J., assignors to Standard Oil Development Company. Preparation of aluminum alcoholate. 2,666,076, Jan. 12.
- Rex Welder & Engineering Co.: *See*—
Fotie, Joseph A. 2,691,714.
- Rexel Products of Canada, Limited, assignee: *See*—
Donkin, William H. 2,678,777.
- Rexford, Robert L., and J. W. Woods, assignors to American Machinery Corporation. 2,677,248, Cl. 62—104.
- Rey, Thomas J., to Electric & Musical Industries Ltd. 2,683,819, Cl. 307—88.
- Rey-Bellet, Gérald, assignor to Hoffmann-La Roche Inc. 2,677,689, Cl. 260—295.
- Reymann, George L.: *See*—
Gray, Daniel M., and Reymann. 2,675,334.
- Reyna, Carl A.: *See*—
Cavalli, Louis W., and Reyna. 2,693,385.
Greenlaw, Harold, Cavalli, and Reyna. 2,694,596.
- Reyna, Carl A., and L. W. Cavalli, to Edlo Inc. 2,696,400, Cl. 294—87.2.
- Reyner, Charles H., 75% to J. G. Bain. 2,692,522, Cl. 81—88.
- Reynolds, Arthur W. 2,697,877, Cl. 30—318.
- Reynolds, Blake: *See*—
Fenney, William N., and Reynolds. 2,685,869.
- Reynolds, Boyd F., Twin Falls, Idaho. Wire splicer and scraper. 2,670,015, Feb. 23.
- Reynolds, Carl, Jr.: *See*—
Myers, William H., and Reynolds. 2,677,346.
- Reynolds, Charles B., Orange, Calif. Parking brake. 2,670,063, Feb. 23.
- Reynolds, Delbert D.: *See*—
Laakso, Thomas T. M., and Reynolds.
Laakso, Thomas T. M., and Reynolds. 2,694,699.
- Reynolds, Donald C.: *See*—
Middleton, Arthur E., Reynolds, and Peet. 2,676,112.
- Reynolds, Donald C., A. E. Middleton, and C. S. Peet, assignors, by mesne assignments, to The Consolidated Mining and Smelting Company of Canada, Limited. 2,676,111, Cl. 117—33.5.
- Reynolds, Eugene E., Richmond, Calif., assignor to Marchant Calculators, Inc. Changeable exhibitor. 2,666,911, Jan. 19.
- Reynolds, Eugene E., to Marchant Calculators, Inc. 2,694,524, Cl. 235—137.
- Reynolds Gas Regulator Co.: *See*—
Hughes, George C. 2,690,760.
- Reynolds, George A.: *See*—
Henn, Richard W., and Reynolds. 2,691,589.
James, Thomas H., and Reynolds. 2,688,549.
- Reynolds, George A., to Eastman Kodak Co. 2,688,548, Cl. 95—88.
- Reynolds, Harold B. 2,679,000, Cl. 250—20.
- Reynolds, Joseph S. 2,678,978, Cl. 200—61.89.
- Reynolds, Kenneth W., to General Electric Co. 2,683,521, Cl. 198—33.
- Reynolds, Lewis F., assignor to The Budd Company. 2,675,998, Cl. 257—3.
- Reynolds, Luther B.: *See*—
Beall, Charles R., and Reynolds.
- Reynolds, Marguerette E. 2,681,211, Cl. 259—119.
- Reynolds, Martin M.: *See*—
Du Bois, Adrian S., and Reynolds. 2,682,487.
- Reynolds, Martin M., to West Disinfecting Co. 2,687,916, Cl. 299—22.
- Reynolds Metals Co.: *See*—
Baxter, Bruce L. 2,680,353.
De Ridder, Ernst J., and Brandt. 2,692,107.
Fischer, Paul E., and Paulsen. 2,677,220.
Pollock, Orthello B., Wilson, and Pintell. 2,684,922.
Sebell, Harry.
Sebell, Harry. 2,684,791.
Sharpnack, Edwin V., Sr. 2,686,610.
- Reynolds, Myron B.: *See*—
Evers, E. Charles, and Reynolds. 2,674,518.
- Reynolds, Noel S., to National Motor Bearing Co., Inc. 2,692,785, Cl. 288—2.
- Reynolds, Noel S., to National Motor Bearing Co., Inc. 2,692,786, Cl. 288—3.
- Reynolds, Peter W., D. A. Dowden, and J. A. Mackenzie, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Preparation of copper-nickel-aluminum catalysts. 2,673,189, Mar. 23.
- Reynolds, Peter W., and L. R. Pittwell, to Imperial Chemical Industries Ltd. 2,694,049, Cl. 252—469.
- Reynolds, Philip L., Jackson, Mich., assignor, by mesne assignments, to H. Field, Jr., Los Angeles, Calif. Fuse valve. 2,670,750, Mar. 2.
- Reynolds Printasign Co., assignee: *See*—
Barrett, Harold G., and Thomson.
- Reynolds, Schuyler, and U. F. Grant. 2,694,571, Cl. 272—8.
- Reynolds, Thomas G., to United Engineers & Constructors Inc. 2,697,067, Cl. 196—76.
- Reynolds, Walter, Conway, Ark. Foot actuating trolling impeller. 2,668,513, Feb. 9.
- Reynolds, Walter F., Jr.: *See*—
Landes, Chester G., and Reynolds. 2,694,630.
Pullman, Joseph C., and Reynolds. 2,694,655.
- Reynolds, Walter F., Jr., to American Cyanamid Co. 2,683,087, Cl. 92—3.
- Reynolds, Walter F., Jr., to American Cyanamid Co. 2,683,088, Cl. 92—3.
- Reynolds, Walter F., Jr., to American Cyanamid Co. 2,683,089, Cl. 92—3.
- Reynolds, Walter F., Jr., to American Cyanamid Co. 2,694,629, Cl. 92—3.
- Reynolds, Willard S., and G. A. Gardner, Anderson, Ind.; said Reynolds assignor to said Gardner. Cleaning device for artificial dentures. 2,669,243, Feb. 16.
- Reynolds, William B.: *See*—
Crouch, Willie W., and Reynolds. 2,687,444.
Wheelock, Charles E., and Reynolds.
- Reynolds, William B., J. E. Wicklatz, and T. J. Kennedy, Bartlesville, Okla., assignors to Phillips Petroleum Company. Emulsion polymerization of vinylidene compounds in the presence of trisubstituted hydroperoxy-methanes having 10 to 30 carbon atoms. 2,665,269, Jan. 5.
- Reynolds, William B., J. E. Wicklatz, and T. J. Kennedy, Bartlesville, Okla., assignors to Phillips Petroleum Company. Emulsion polymerization at low temperatures in the presence of certain trialkylhydroperoxy methanes. 2,665,272, Jan. 5.
- Reynolds, William B., J. E. Wicklatz, and T. J. Kennedy, Bartlesville, Okla., assignors to Phillips Petroleum Company. Alkenyl hydroperoxymethanes as polymerization catalysts. 2,668,163, Feb. 2.
- Reynolds, William E. 2,679,108, Cl. 33—185.
- Reynolds, William E. 2,679,109, Cl. 33—185.
- Reynoldson, Roland G. 2,677,038, Cl. 219—19.
- Reyrolle, A., & Co. Ltd.: *See*—
Amer, Donald F.
Patrickson, John B., and Hamilton. 2,696,573.
- Reza-Bek, Sonia, and D. Korganian, also known as D. Korganoff, Paris, France. Film winding device. 2,673,734, Mar. 30.
- Rezek, Gerard, and L. A. Medlar, assignors, by mesne assignments, to Fox Products Company. 2,679,549, Cl. 136—161.
- Rheame, Raymond H., to Machlett Laboratories, Inc. 2,693,347, Cl. 257—250.
- Rheem Mfg. Co.: *See*—
Johns, Stanley S.
Johns, Stanley S. 2,690,929.
- Rhees, Carm P. 2,674,071, Cl. 51—197.
- Rheinfrank, George B., Jr. 2,695,178, Cl. 280—11.13.
- Rheinpreussen Aktiengesellschaft für Bergbau und Chemie: *See*—
Kölbel, Herbert, and Ackermann.
Kölbel, Herbert, and Ackermann. 2,692,274.
- Rhine-Craft Company, Inc., assignee: *See*—
Capellazzi, Gildo, and Stegmaier. 2,680,344.
- Rhine, Franklin E., Alton, assignor to Sterling Steel Casting Co., Monsanto, Ill. Idler wheel unit. 2,666,676, Jan. 19.
- Rhine, Marvin L., Chicago, Ill. Rotary pump or motor. 2,671,411, Mar. 9.
- Rhoads, Benjamin J., Jr.: *See*—
Vincent, Renie P., and Rhoads, Jr. 2,688,928.
- Rhoads, Paul R. 2,678,249, Cl. 311—21.
- Rhoades, Rex V., L. C. Keene, and F. Stevens, to Northrop Aircraft, Inc. 2,688,726, Cl. 324—57.
- Rhoades, Warren A., Jr., to The Cooper-Bessemer Corp. 2,682,866, Cl. 123—120.
- Rhode Island State Colleges, The Board of Trustees of, assignee: *See*—
Howard, Frank L., Caroselli, and Feldman. 2,677,638.

- Rhodes, Alan: *See*—
Asseff, Peter A., Mastin, and Rhodes. 2,695,910.
- Rhodes, Allen F., and W. S. Bachman, Houston, Tex.
Line tension signal. 2,664,845, Jan. 5.
- Rhodes, Cecil: *See*—
Smith, Sidney R., and Rhodes.
- Rhodes, Donald D., and H. E. Lowry, Del Paso Heights, Calif.
Combination furniture and hinge therefor. 2,672,625, Mar. 23.
- Rhodes, Edwin C., and P. E. Gainsbury, to The International Nickel Co., Inc. 2,681,860, Cl. 106—38.3.
- Rhodes, Eugene T., Brentwood, Mo. Making building material. 2,672,670, Mar. 23.
- Rhodes, Herbert C., to Read Standard Corp. 2,696,334, Cl. 226—2.
- Rhodes, John C., assignor to Rhodes Research Corporation, Jenkintown, Pa. Sterilizing apparatus for liquids. 2,667,584, Jan. 26.
- Rhodes Lewis Co.: *See*—
Dooley, James L. 2,686,497.
- Rhodes, M. H., Incorporated, assignee: *See*—
Doyle, Edward J.
Van Valkenburgh, Merritt. 2,677,029.
- Rhodes, Norris L., and V. D. Williams; said Williams assignor to said Rhodes. 2,687,836, Cl. 224—42.45.
- Rhodes Research Corporation, assignee: *See*—
Rhodes, John C.
- Rhodes, Roland N., assignor to Radio Corporation of America. 2,680,147, Cl. 178—5.4.
- Rhodes, Thomas J., to United States Rubber Co. 2,693,007, Cl. 18—55.
- Rhodes, Thomas J., to United States Rubber Co. 2,694,224, Cl. 18—2.
- Rhodes, Thomas J., and J. J. Neville, to United States Rubber Co. 2,692,406, Cl. 18—12.
- Rhyne, Earl C., Jr., H. R. Behr, and M. L. Priban, assignors to Cline Electric Manufacturing Company. 2,680,829, Cl. 318—201.
- Rhys, Cyril O., Jr., Westfield, N. J., assignor to Standard Oil Development Company. Distributors in fluidized solids reactor vessels. 2,665,976, Jan. 12.
- Rhys, Cyril O., Jr., Westfield, and W. E. Stanton, Elizabeth, N. J., assignors to Standard Oil Development Company. Contacting plate for liquid-liquid extraction tower. 2,669,505, Feb. 16.
- Rial, Wayne S., Batavia, N. Y. Dual channel receiver. 2,669,712, Feb. 16.
- Rianda, Tom. 2,685,832, Cl. 97—213.
- Riat, Henri, to Ciba Ltd. 2,696,485, Cl. 260—143.
- Ribaudo, Nicholas, Jr. 2,687,557, Cl. 20—55.
- Ribble, Jack M., and J. J. Fox, and E. Edmunds, Jr., to Phillips Petroleum Co. 2,697,652, Cl. 23—260.
- Ribich, Thomas A., Cleveland, Ohio, assignor, by mesne assignments, to Weldon Tool Company. Clutch and brake for paper separator drive mechanisms. 2,665,787, Jan. 12.
- Ribich, Thomas A., Cleveland, Ohio, assignor, by mesne assignments, to Weldon Tool Company. Air control mechanism for pneumatic sheet separators. 2,665,907, Jan. 12.
- Riblet, Henry J., Wellesley Hills, assignor to Raytheon Manufacturing Company, Newton, Mass. Signal-coupling structure. 2,667,620, Jan. 26.
- Riblet, Henry J., assignor to Raytheon Manufacturing Company. 2,678,393, Cl. 250—33.65.
- Riblet, Henry J., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,679,590, Cl. 250—33.63.
- Riblet, Henry J., and R. C. Spencer, to the United States of America as represented by the Secretary of War. 2,689,305, Cl. 250—33.65.
- Riblet, Royal N. 2,696,129, Cl. 77—7.
- Ribley, Charles H. 2,695,629, Cl. 137—786.
- Ribner, Herbert S.: *See*—
Harmon, Sidney M., and Ribner. 2,696,954.
- Ricalo, Acacio, Baltimore, Md. Self-spacing reinforcing lingual bar. 2,668,354, Feb. 9.
- Ricardo & Co. Engineers (1927) Ltd.: *See*—
Alcock, John F.
Evans, Aubrey T. 2,691,970.
Ricardo, Harry R.
Ricardo, Harry R. 2,683,029.
- Ricardo, Harry R., assignor to Ricardo & Co. Engineers (1927) Limited, London, England. Compressor for air or other gaseous fluid. 2,671,606, Mar. 9.
- Ricardo, Harry R., to Ricardo & Co. Engineers (1927) Ltd. 2,683,029, Cl. 261—95.
- Ricardo, Harry R., to National Research Development Corp. 2,688,955, Cl. 121—146.
- Ricards, Charles L.: *See*—
Tollison, Paul L., and Ricards.
- Ricards, Charles L., to Wood Newspaper Machinery Corp. 2,685,802, Cl. 74—242.1.
- Ricards, Charles L., South Plainfield, I. Tornberg, Plainfield, and P. L. Tollison, North Plainfield, assignors to Wood Newspaper Machinery Corporation, Plainfield, N. J. Stereotype plate finishing machine. 2,670,662, Mar. 2.
- Ricca, Bruno: *See*—
Menozzi, Giuseppe, V. Ricca, and B. Ricca.
- Ricca, Vincenzo: *See*—
Menozzi, Giuseppe, V. Ricca, and B. Ricca.
- Ricciardi, Louis G.: *See*—
Othmer, Donald F., Ricciardi, and Smith. 2,687,556.
- Riccio, Joseph G. A. 2,690,152, Cl. 114—190.
- Rice, Argle S. 2,674,825, Cl. 43—56.
- Rice, Charles J. 2,684,839, Cl. 262—13.
- Rice, Charles M., to American Enka Corp. 2,695,030, Cl. 137—412.
- Rice, Curtis D., Kalamazoo, Mich. Machine for preparing dough for the manufacture of filled bakery goods. 2,672,829, Mar. 23.
- Rice, Curtis D., to Sutherland Paper Co. 2,683,561, Cl. 229—23.
- Rice, Cyrus Wm., & Co., Inc.: *See*—
Rice, James K. 2,697,673.
- Rice, Edgar E., and M. J. Foley, to Armco Steel Corp. 2,694,741, Cl. 13—25.
- Rice, Edward A.: *See*—
Curtis, John C., and Rice.
- Rice, Francis T., and N. G. Robbins. 2,693,893, Cl. 216—61.
- Rice, Hal H.: *See*—
Harman, Cameron G., Koch, and Rice. 2,690,065.
- Rice, Harold W., to Robertshaw-Fulton Controls Co. 2,690,189, Cl. 137—65.
- Rice, Harry G. 2,692,525, Cl. 82—19.
- Rice, Henry T. M.: *See*—
Stevens, Dillon, Rice, and Stevens. 2,691,314.
- Rice, James D., to General Shoe Corp. 2,681,626, Cl. 112—52.
- Rice, James K., to Cyrus Wm. Rice & Co., Inc. 2,697,673, Cl. 134—15.
- Rice, Joseph: *See*—
Wright, Esmond P. G., and Rice.
Wright, Esmond P. G., Ridler, Weir, and Rice. 2,694,752.
Wright, Esmond P. G., Weir, and Rice. 2,688,656.
- Rice, Joseph A., to United States Steel Corp. 2,698,081, Cl. 203—150.
- Rice, Leon F. 2,688,859, Cl. 66—1.
- Rice, Leonard H., assignor of $\frac{1}{2}$ to K. E. Watson. 2,674,146, Cl. 82—44.
- Rice, Leonard M.: *See*—
Geschickter, Charles F., and Rice. 2,696,487.
- Rice, Melvin F., to Cone Automatic Machine Co., Inc. 2,690,608, Cl. 29—57.
- Rice, Owen, to Hall Laboratories, Inc. 2,689,780, Cl. 23—106.
- Rice, Philip K., Kenmore, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Process of and apparatus for low-temperature separation of air. 2,664,718, Jan. 5.
- Rice, Philip K., and E. F. Wendall, Kenmore, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Process and apparatus for separating gas mixtures. 2,664,719, Jan. 5.
- Rice, Philip K., and W. G. Tuel, assignors to Union Carbide and Carbon Corporation. 2,677,252, Cl. 62—122.
- Rice, Price D. 2,683,460, Cl. 131—242.
- Rice, Walter A., assignor to Mohawk Carpet Mills, Inc. 2,674,271, Cl. 139—44.
- Rice, William E.: *See*—
Fox, Harold E., and Rice. 2,691,420.
- Rice, William E. 2,687,659, Cl. 76—68.
- Rice, William L.: *See*—
Fishburne, Francis B., and Rice.
- Rich, Alan E. 2,674,881, Cl. 73—300.
- Rich, Charles E., and C. C. Wang, to The Sperry Corp. 2,687,490, Cl. 315—6.
- Rich, Christopher G. 2,679,882, Cl. 152—222.
- Rich, Gerald C., assignor to Sylvania Electric Products Inc. 2,680,206, Cl. 313—181.
- Rich, Gerald C., to Motorola Inc. 2,696,574, Cl. 317—235.
- Rich, Harold, to General Electric Co. 2,685,675, Cl. 324—90.
- Rich, Harold, and G. J. Flynn, to General Electric Co. 2,685,674, Cl. 324—86.
- Rich, John W. 2,690,080, Cl. 73—429.
- Rich, Stanley R., to Raytheon Mfg. Co. 2,682,049, Cl. 343—104.
- Rich, Stanley R. 2,689,344, Cl. 343—6.
- Rich, Stanley R., and E. E. Turner, Jr., to Raytheon Mfg. Co. 2,684,449, Cl. 313—69.
- Rich, Theodore A.: *See*—
Gardner, George F., and Rich.
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Radiation monitor. 2,668,245, Feb. 2.
- Rich, Theodore A., assignor to General Electric Company. 2,677,279, Cl. 73—384.
- Richard & Ammann S. A., assignee: *See*—
Richard, Robert. 2,677,884.
- Richard, André P.: *See*—
Petitcolas, Pierre, Richard, Sureau, Roe, and Develotte. 2,675,374.
- Richard, Betty L. 2,675,558, Cl. 2—180.
- Richard, Charles F. 2,697,533, Cl. 216—28.
- Richard, Gilbert. 2,690,811, Cl. 170—160.25.
- Richard, Mike C. 2,676,430, Cl. 43—17.2.
- Richard, Robert, assignor to Richard & Ammann S. A. 2,677,884, Cl. 30—43.
- Richardet, Glenn A.: *See*—
Crandall, John N., and Richardet.
- Richards, Albert Z., Jr. 2,683,422, Cl. 103—161.
- Richards, Albert Z., Jr. 2,697,937, Cl. 73—84.

- Richards, Archer W., Chagrin Falls, and E. J. Osterhus, Cleveland, Ohio, assignors to Syntrol Company, Homer City, Pa. Portable belt-driven power handsaw. 2,671,476, Mar. 9.
- Richards, Archer W., and E. J. Osterhus, to Syntrol Co. 2,693,832, Cl. 143—43.
- Richards, Carroll H. 2,690,247, Cl. 192—71.
- Richards, Charles H.: *See—*
- Hardy, James D., Richards, and Stoll. 2,685,795.
- Richards, Elmer A.: *See—*
- Storer, John E., Jr., Livezey, and Richards. 2,689,489.
- Richards, Freddie B., and R. W. McBrien. 2,693,015, Cl. 24—243.
- Richards, John M. 2,696,757, Cl. 88—54.
- Richards, John R., to Food Machinery and Chemical Corp. 2,686,911, Cl. 1—15.
- Richards, Lorenzo A., Riverside, Calif., assignor to the United States of America as represented by the Secretary of the Navy. Rocket launcher. 2,670,661, Mar. 2.
- Richards, Lorenzo A. 2,674,490, Cl. 299—25.
- Richards, Lorenzo A. 2,693,814, Cl. 137—270.
- Richards, Lorenzo A. 2,693,932, Cl. 251—61.
- Richards, Ralph W.: *See—*
- Jones, Samuel P., and Richards.
- Richards, Russell T., Cape Girardeau, Mo. Fold-away cabinet table. 2,672,384, Mar. 16.
- Richards, Sherman L., North Tonawanda, and W. H. Devonshire, Kenmore, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Traction chain. 2,666,471, Jan. 19.
- Richards, William F.: *See—*
- Richards, William H. and W. F.
- Richards, William H. and W. F., Rehoboth, Del. Foldable mop. 2,670,488, Mar. 2.
- Richards, William H. and W. F., Rehoboth, Del. Sponge mop with adjustable wringer plate. 2,671,236, Mar. 9.
- Richardson, Allan S., Jr., assignor to Phillips Petroleum Company. 2,678,812, Cl. 263—19.
- Richardson, Andrew J. 2,674,193, Cl. 103—83.
- Richardson, Andrew J., assignor, by mesne assignments, of $\frac{1}{2}$ to M. Earsley. 2,678,058, Cl. 137—216.
- Richardson, Arthur B. F. G., E. Tunnicliff, and I. K. Fisher, assignors to British Insulated Callender's Cables Limited. 2,678,838, Cl. 286—16.
- Richardson, Arthur B. F. G., E. Tunnicliff, and I. K. Fisher, assignors to British Insulated Callender's Cables Limited. 2,678,839, Cl. 286—16.
- Richardson, Arthur D., to Consolidated Engineering Corp. 2,691,142, Cl. 336—205.
- Richardson, Arthur T., Jr.: *See—*
- Cottrell, Robert B., and Richardson.
- Richardson, Bayard E. 2,674,508, Cl. 312—29.
- Richardson, Cecil H. 2,691,834, Cl. 37—43.
- Richardson, Charles, Corp.: *See—*
- Richardson, Charles D. 2,682,079.
- Richardson, Charles D. 2,689,373.
- Richardson, Charles D., to Charles Richardson Corp. 2,682,079, Cl. 18—25.
- Richardson, Charles D., to Charles Richardson Corp. 2,689,373, Cl. 18—25.
- Richardson, Clarence J., and A. C. West. 2,684,658, Cl. 119—159.
- Richardson, Clarence L.: *See—*
- Koch, Alphonse D., and Richardson. 2,686,810.
- Richardson, Douglas W., assignor to The Hart Manufacturing Company. 2,675,455, Cl. 219—20.
- Richardson, Dow C., Metropolis, Ill. Hydraulically operated log kicker. 2,666,462, Jan. 19.
- Richardson, Earl L., Hyde Park, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic precipitator. 2,665,770, Jan. 12.
- Richardson, Earl L., to Westinghouse Electric Corp. 2,696,893, Cl. 183—7.
- Richardson, Edgar G.: *See—*
- Heiden, Peter J., Staggenburg, Tice, and Richardson. 2,676,368.
- Richardson, Ewell, Los Angeles, Calif. Navigational instrument. 2,671,270, Mar. 9.
- Richardson, Ewell. 2,687,661, Cl. 81—46.
- Richardson, Franklin, Glendale, Calif. Reclining article of furniture. 2,670,030, Feb. 23.
- Richardson, Grace J.: *See—*
- Richardson, Morris B. and G. J. 2,677,825.
- Richardson, Harry L., to Research Corp. 2,681,121, Cl. 183—7.
- Richardson, James C. 2,682,392, Cl. 261—49.
- Richardson, James C. 2,689,116, Cl. 261—51.
- Richardson, John D., Riverside, assignor to J. Moretti, Cranston, R. I. Gem setting apparatus. 2,667,686, Feb. 2.
- Richardson, John H. 2,682,414, Cl. 279—77.
- Richardson, John N., assignor to Modern Equipment Company, Port Washington, Wis. Cupola and charging apparatus therefor. 2,670,088, Feb. 23.
- Richardson, John W. 2,680,625, Cl. 280—104.5.
- Richardson, Leonard P.: *See—*
- Talley, Samuel K., Beaubien, and Richardson. 2,692,859.
- Richardson, Morris B. and G. J. 2,677,825, Cl. 2—61.
- Richardson, Olan, assignor to Southern States Equipment Corporation. 2,678,975, Cl. 200—48.
- Richardson, Ralph S., Sweet Home, Oreg. Gang saw swaging machine. 2,666,347, Jan. 19.
- Richardson, Robert D., to The Hays Corp. 2,686,245, Cl. 201—63.
- Richardson, Robert D., to Cambridge Instrument Co., Inc. 2,698,223, Cl. 23—255.
- Richardson, Roger W., and C. H. Hale, to Standard Oil Development Co. 2,682,496, Cl. 196—50.
- Richardson, Sid W., Inc., assignee: *See—*
- Howard, Kenneth C., McGowen, and Moore. 2,679,904.
- McGowen, Harold E., Jr.
- McGowen, Harold E., Jr., and Moore. 2,679,903.
- Richardson, William. 2,676,549, Cl. 105—63.
- Richardson, William G., and A. E. MacAllister, to Canadian Industries Ltd. 2,682,222, Cl. 102—42.
- Richardson, William H., Datchet, assignor to Langley Alloys Limited, Langley, England. Production of alloys. 2,669,534, Feb. 16.
- Richardson, William L. 2,691,233, Cl. 43—3.
- Richbourg, Robert F. 2,690,920, Cl. 292—54.
- Riche, Arthur L., Freeport, Ill., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Safety control for motor operated machines. 2,669,686, Feb. 16.
- Riche, Arthur L., to Automatic Pump & Softener Corp. 2,695,626, Cl. 137—391.
- Richens, Charles E. 2,687,174, Cl. 164—58.
- Richert, Bernhard E., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for cooling well surveying instruments. 2,671,323, Mar. 9.
- Richert, Paul H. 2,689,182, Cl. 99—100.
- Riches, Denis G.: *See—*
- Bloedel, Prentice, Hansel, Riches, and Brookes. 2,675,255.
- Richey, Albert E. 2,694,600, Cl. 299—47.
- Richey, Clarence B.: *See—*
- Crouch, Harry G., and Richey. 2,690,110.
- Erickson, Martin A., and Richey. 2,690,045.
- Richey, Clarence B., Royal Oak, assignor to Dearborn Motors Corporation, Birmingham, Mich. Stalk shredder hammer and spacer. 2,667,022, Jan. 26.
- Richey, Clarence B., Royal Oak, assignor to Dearborn Motors Corporation, Highland Park, Mich. Buck rake and stacking device. 2,671,570, Mar. 9.
- Richey, Clarence B., Royal Oak, assignor, by mesne assignments, to Ford Motor Company, Dearborn, Mich. Mechanism for lifting front mounted implements. 2,673,504, Mar. 30.
- Richey, Clarence B., Royal Oak, assignor, by mesne assignments, to Ford Motor Company, Dearborn, Mich. Tractor-implement linkage. 2,673,508, Mar. 30.
- Richey, Clarence B., to Ford Motor Co. 2,681,543, Cl. 56—377.
- Richey, Clarence B., to Ford Motor Co. 2,681,606, Cl. 97—11.
- Richey, Clarence B., and H. L. Geiger, assignors, by mesne assignments, to Ford Motor Company. 2,673,997, Cl. 15—82.
- Richey, Clarence B., and J. F. O'Donnell, to Ford Motor Co. 2,681,541, Cl. 56—111.
- Richey, David M., Devon, assignor to United Aircraft Corporation, East Hartford, Conn. Stabilizing fins for missiles. 2,666,387, Jan. 19.
- Richey, Robert C. 2,683,981, Cl. 72—128.
- Richfield Oil Corp.: *See—*
- Fontana, Frank J. 2,683,288.
- Himel, Chester M. 2,680,757.
- Himel, Chester M. 2,696,499.
- Natland, Manley L., and Pearson.
- Richlin, Milton, to Kimball Chemical Products Corp. 2,690,385, Cl. 51—294.
- Richman, Donald, Flushing, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Automatic-control apparatus for television receivers. 2,673,892, Mar. 30.
- Richman, Donald, to Hazeltine Research, Inc. 2,697,744, Cl. 173—5.4.
- Richman, Nurney H., assignor to Scientific Packages, Inc., Denver, Colo. Shirt package and blank for forming same. 2,673,667, Mar. 30.
- Richman, Samuel G.: *See—*
- Mende, Harold W. 2,696,870.
- Richmond Manufacturing Company, assignee: *See—*
- Conkling, William C. 2,677,462.
- Thompson, Peyton M.
- Richmond, Martin R., to Raytheon Mfg. Co. 2,688,076, Cl. 250—27.
- Richmond, Martin R. 2,691,163, Cl. 343—16.
- Richmond, Nelson R.: *See—*
- Longfellow, Melvin E., and Richmond.
- Richmond, Nelson R., Thompsonville, assignor to United Aircraft Corporation, East Hartford, Conn. Auxiliary drive for propeller pitch control. 2,666,490, Jan. 19.
- Richmond, Robert L., Bronxville, and L. A. Roth, New Hyde Park, assignors to Potdevin Machine Company, Brooklyn, N. Y. Coating machine for sheet material. 2,665,662, Jan. 12.
- Richmond, Robert P., Baltimore, Md., assignor to Standard Oil Development Company. Expansion joint. 2,666,454, Jan. 19.
- Richmond, Roy H., Sr., assignor to Eagle Manufacturing Company. 2,678,758, Cl. 222—469.
- Richmond, Stanley M. 2,689,673, Cl. 224—42.1.
- Richmond, William F., Jr., to The Glenn L. Martin Co. 2,687,474, Cl. 250—27.

- Richmont, Inc.: *See*
Livermont, Frank W. 2,687,642.
- Richter, Ernestine L. 2,696,015, Cl. 15—147.
- Richter, Frederic A., assignor to Transparent Package Company. 2,679,968, Cl. 229—3.5.
- Richter, Frederic A., assignor to Transparent Package Company. 2,679,969, Cl. 229—3.5.
- Richter, George A., and R. H. MacClaren, to Eastman Kodak Co. 2,694,631, Cl. 92—11.
- Richter, Hans, West Dulwich, London, England, assignor to E. S. Dunn, Piedmont, Calif. Fluid tight stator, particularly for electric motors. 2,673,301, Mar. 23.
- Richter, Henry, to Paramount Textile Machinery Co. 2,689,071, Cl. 223—76.
- Richter, Henry, and H. Campbell, to Paramount Textile Machinery Co. 2,684,547, Cl. 41—1.
- Richter, Johan C. F. C., to Aktiebolaget Kamyr. 2,695,232, Cl. 92—7.
- Richter, John E., assignor to Wooldridge Manufacturing Company. 2,676,664, Cl. 180—79.4.
- Richter, John E., to Wooldridge Mfg. Co. 2,687,584, Cl. 37—125.
- Richter, Ludwig, Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Azo dyes for cellulosic fibers. 2,666,757, Jan. 19.
- Richter, William, to Paramount Textile Machinery Co. 2,588,904, Cl. 90—56.
- Richterkessing, Frank H., assignor to W. M. Cissell Manufacturing Company, Incorporated. 2,679,956, Cl. 223—70.
- Richterkessing, Frank H., to W. M. Cissell Mfg. Co., Inc. 2,687,578, Cl. 34—127.
- Richterkessing, Frank H., to W. M. Cissell Mfg. Co., Inc. 2,696,014, Cl. 15—40.
- Ricigiano, Anthony D., and W. J. Fischer, to The American Laundry Machinery Co. 2,686,412, Cl. 68—18.
- Richards, James C.: *See*—
Holland, Arnold J., Boxer, and Richards. 2,694,679.
- Rickenback, William, to Draper Corp. 2,683,470, Cl. 139—196.
- Rickenbacker, Dewey C., assignee: *See*—
Gross, John N.
- Rickes, Edward L., and T. R. Wood, to Merck & Co., Inc. 2,695,862, Cl. 167—81.
- Rickless, Harold D.: *See*—
Gold, Joseph K., and Rickless.
- Rickman, Isaiah S. 2,689,538, Cl. 112—208.
- Rickmeyer, Ernst W., Prospect Heights, Ill., assignor to The Parker Pen Company, Janesville, Wis. Writing instrument. 2,666,416, Jan. 19.
- Rickmeyer, Ernst W., to The Parker Pen Co. 2,684,052, Cl. 120—42.16.
- Ricks, Bernard E., and J. H. Booth, to Thompson Products, Inc. 2,694,528, Cl. 237—12.3.
- Ricks, Herbert E.: *See*—
Lowe, Charles S., and Ricks.
- Rickus, George M., to Hat Corp. of America. 2,696,612, Cl. 1—11.
- Ridd, John M., to Automatic Electric Laboratories, Inc. 2,693,507, Cl. 179—27.
- Riddell, Donald W.: *See*—
Strickland, Harold A., Jr., and Riddell. 2,681,971.
- Riddell, William P., London, Ontario, Canada. Adjustable garment hanger. 2,673,668, Mar. 30.
- Ridderstrom, Andrew R., assignor to Prime Manufacturing Company. 2,673,995, Cl. 12—146.
- Ridderstrom, Andrew R., assignor to Prime Manufacturing Company. 2,674,051, Cl. 36—19.
- Riddiford, Milton, and R. Goldstein, assignors to A. R. F. Products, Inc., River Forest, Ill. Apparatus for treating water. 2,669,661, Feb. 16.
- Riddle, Frank W., assignor to Aileen Mills Company, Biscoe, N. C. Float cutting method for looms. 2,664,920, Jan. 5.
- Riddle, Frank W., assignor to Aileen Mills Company, Biscoe, N. C. Severing machine for forming tufted fabrics. 2,664,921, Jan. 5.
- Riddle, Frederick W., Sewickley, and J. S. Pillar, McKees Rocks, Pa., assignors, by mesne assignments, to Ford Motor Company, Dearborn, Mich. Check wire doffing means. 2,673,535, Mar. 30.
- Riddle, George W.: *See*—
Grimshaw, Charles S., and Riddle. 2,679,144.
- Riddle, Lester P., and J. D. Severns; said Severns to said Riddle. 2,689,635, Cl. 197—131.
- Riddle, Ray E.: *See*—
Stowell, Averill, and Riddle. 2,674,996.
- Ridenour, William P.: *See*—
Capell, Robert G., Ridenour, and Stewart. 2,692,835.
- Capell, Robert G., Ridenour, and Stewart. 2,694,014.
- Rider, Don K., Plainfield, N. J., assignor to Chicopee Manufacturing Corporation. Making nonwoven fabric. 2,670,315, Feb. 23.
- Rider, Warren M.: *See*—
Burge, James S., Foust, Shaw, Rider, and McKee. 2,689,086.
- Rider, Warren W.: *See*—
Burge, James S., McKee, and Rider.
- Ridge, Guy, assignor to Elberta Crate & Box Co. 2,675,936, Cl. 217—12.
- Ridge, Guy H.: *See*—
Ingwer, Carl H.
- Ingwer, Carl H. 2,680,984.
- Ingwer, Carl H., and Beavis. 2,680,861.
- Ingwer, Carl H., and Wright. 2,679,686.
- Ingwer, Carl H., and Wright. 2,680,256.
- Pollard, Leon G., Ridge, and Johanson. 2,678,589.
- Wright, Clyde E. 2,680,396.
- Ridley, Raymond. 2,683,361, Cl. 62—117.65.
- Ridgway, Edmund T., Oaklyn, N. J., assignor to The Budd Company, Philadelphia, Pa. Door suspension, especially for trucks and trailers. 2,668,982, Feb. 16.
- Ridings, Garvice H.: *See*—
Hallden, Frederick G., Ridings, Zabriskie, and Parrott.
- Wise, Raleigh J., and Ridings. 2,675,489.
- Ridings, Garvice H., R. J. Wise, and G. B. Worthen, to The Western Union Telegraph Co. 2,689,273, Cl. 178—69.5.
- Ridler, Desmond S.: *See*—
Wright, Esmond P. G., Ridler, Weir, and Rice. 2,694,752.
- Ridler, Desmond S., Aldwych, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Printing telegraph receiver. 2,668,870, Feb. 9.
- Ridley, Charles R.: *See*—
McGay, John B., Clift, and Ridley. 2,694,287.
- Ridlington, Anthony D. V. 2,683,771, Cl. 179—15.
- Riebe, Edward J., Hempstead, N. Y. Apparatus for forming and wrapping products. 2,673,429, Mar. 30.
- Rieber, Frank, deceased, by L. Rieber, executrix, to Geovision Inc. 2,683,239, Cl. 315—24.
- Rieber, Frank, to F. S. Streeter for The Vibrotron Co., Ltd. 2,689,943, Cl. 333—71.
- Rieber, Frank, deceased (L. G. Rieber, executrix), to Geovision Inc. 2,693,862, Cl. 181—0.5.
- Rieber, Lu Garda: *See*—
Rieber, Frank. 2,683,239.
- Rieber, Frank. 2,693,862.
- Rieck-McJunkin Dairy Company, assignee: *See*—
Plusquellic, Louis. 2,674,397.
- Ried, Robert C., Carle Place, assignor to Knowles Associates, New York, N. Y. Centrifuge with interstage washing. 2,670,131, Feb. 23.
- Riedel, Walther, and L. J. Wessels, assignors to North American Aviation, Inc. 2,674,088, Cl. 60—35.6.
- Riedesel, Richard G., to Minnesota Mining & Mfg. Co. 2,693,669, Cl. 51—141.
- Riedesel, Richard G., Stillwater, T. J. Miller, St. Paul, and L. A. Martin, White Bear Township, Ramsey County, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrading the interior surfaces of hollow ware. 2,666,280, Jan. 19.
- Riedl, Carl F.: *See*—
Autenrieth, Ferdinand, and Riedl. 2,675,120.
- Riedler, Alvin H. 2,675,656, Cl. 51—285.
- Riedy, Leo R. 2,690,171, Cl. 126—25.
- Rieg, Albert H., assignor of 50% to J. N. Dickenson. 2,677,812, Cl. 339—229.
- Riegel Paper Corporation, assignee: *See*—
Schlitz, Ralph W.
- Rieger, Frederic L., assignor to The Monarch Marking System, Dayton, Ohio. Marking tag strip for price marking produce. 2,669,047, Feb. 16.
- Rieger, Frederic L., to The Monarch Marking System Co. 2,696,991, Cl. 281—5.
- Riehl, Frederick W.: *See*—
McQuaid, Daniel J., Sr., and Riehl.
- Riehl, Harmon B.: *See*—
Senior, John H., and Riehl.
- Senior, John H., and Riehl. 2,676,361.
- Riemann, George E.: *See*—
Watson, Robert A., and Riemann. 2,679,302.
- Riemann, Howard C., assignor to The Fulton Company, West Allis, Wis. Attachment for automobile accessories. 2,673,055, Mar. 23.
- Riemenschneider, Fritz, to Eumuco Aktiengesellschaft für Maschinenbau. 2,682,186, Cl. 78—23.
- Riemer, John: *See*—
Kraft, George H., and Riemer. 2,692,430.
- Rien, Howard J.: *See*—
Rien, Walter G. and H. J. 2,682,435.
- Rien, Walter G. and H. J. 2,682,435, Cl. 308—186.
- Rienks, George W., and H. F. Silver, Denver, Colo. Apparatus for screening sugar beets and the like. 2,670,846, Mar. 2.
- Ries, Lewis B., Monessen, Pa. Level. 2,669,029, Feb. 16.
- Ries, Rudy F., and W. R. Ryan, to Edo Corp. 2,692,740, Cl. 244—108.
- Riesgo, Margaret G.: *See*—
Riesgo, Ralph A. 2,698,162.
- Riesgo, Ralph A., deceased, by M. G. Riesgo, executrix, to North Penn Co., Inc. 2,698,162, Cl. 257—246.
- Rless, August H. 2,681,243, Cl. 292—29.
- Riesz, Charles H., and P. C. Lurie, to The Institute of Gas Technology. 2,692,193, Cl. 48—214.
- Rieth, Kurt A., Cranston, assignor to Speidel Corporation, Providence, R. I. Connector for wrist watches or ornamentation. 2,668,343, Feb. 9.
- Rietschel, Henry. 2,674,674, Cl. 200—158.
- Rietz, Carl A., to Rietz Mfg. Co. 2,682,374, Cl. 241—86.
- Rietz Mfg. Co.: *See*—
Rietz, Carl A. 2,682,374.

- Rifkin, Jacob. 2,678,671, Cl. 150—5.
 Rifkin, Michael. 2,694,237, Cl. 20—52.2.
 Rilde, William V., assignor, by mesne assignments, to Lucson Corporation, Chicago, Ill. Furnace control means. 2,672,291, Mar. 16.
 Riga, Louis B. 2,696,551, Cl. 240—54.
 Rigali, Joseph F., to R. H. Starr. 2,696,905, Cl. 198—56.
 Rigali, Joseph F., to R. H. Starr. 2,697,427, Cl. 126—59.5.
 Rigamont, Victor A., Pittsburgh, Pa. Parking system. 2,666,961, Jan. 26.
 Rigby, Charles H.: See—
 Davidson, Samuel H., and Rigby. 2,680,068.
 Rigby, Charles H., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Production of water-soluble salts of certain cellulose derivatives of improved physical form. 2,667,482, Jan. 26.
 Rigby, Ivor V., to The British Tabulating Machine Co., Ltd. 2,688,665, Cl. 200—30.
 Riggs, Robert V., assignor to The English Electric Company Limited. 2,674,134, Cl. 74—519.
 Riggle, Samuel M. 2,674,234, Cl. 123—15.
 Riggs, Florida L. 2,680,919, Cl. 36—71.
 Riggs, James E. 2,687,105, Cl. 113—103.
 Riggs, W. A., assignee: See—
 Jones, Leslie D., and Allen. 2,678,374.
 Righton, Joseph J.: See—
 Infield, Richard J., and Righton.
 Rights, Herbert T., New Brunswick, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Synchroscope. 2,666,900, Jan. 19.
 Rigrod, William W., to Westinghouse Electric Corp. 2,686,900, Cl. 333—13.
 Rigrod, William W., to Westinghouse Electric Corp. 2,693,583, Cl. 333—98.
 Riker, Frankie C.: See—
 Riker, William M. and F. C. 2,693,186.
 Riker, William M. and F. C. 2,693,186, Cl. 128—218.
 Riley, Allen V., Jr.: See—
 Jefferson, George D., and Riley. 2,695,270.
 Riley, Allen V., Jr., and R. D. Fine, III, to Atlas Powder Co. 2,683,101, Cl. 177—139.5.
 Riley, Gerard C.: See—
 Schmidle, Claude J., and Riley. 2,689,263.
 Riley, John M., to Chance Vought Aircraft, Inc. 2,687,463, Cl. 201—62.
 Riley, Joseph J., assignor to The Taylor-Winfield Corporation. 2,676,288, Cl. 317—234.
 Riley, Joseph J., and W. S. Dustman, assignors to The Taylor-Winfield Corporation, Warren, Ohio. Voltage control circuit for welding apparatus. 2,666,888, Jan. 19.
 Riley, Orr C., and J. W. Harris. 2,693,351, Cl. 261—119.
 Riley, Ralph E. 2,679,396, Cl. 273—51.
 Riley, Ralph E. 2,691,234, Cl. 43—26.2.
 Riley, Richard C. 2,695,094, Cl. 198—17.
 Riley Stoker Corp.: See—
 Andrews, L. V., and Craig. 2,679,833.
 Rogers, Wayne C.
 Rogers, Wayne C. 2,694,852.
 Rimann, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Motor-driven pump. 2,667,127, Jan. 26.
 Rimington, Claude, New Barnet, A. Lawson, Southgate, London, C. E. Searle, Wandsworth Common, London, and H. V. Morley, Denmark Hill, London, assignors to National Research Development Corporation, London, England. Antithyroid compounds. 2,671,088, Mar. 2.
 Rimmel, Paul, to Birmingham Industries, Inc. 2,680,887, Cl. 20—57.5.
 Rimmel, Ira A.: See—
 Kindt, Ernest T., and Rimmel. 2,686,992.
 Rimmel, Joseph. 2,678,498, Cl. 33—75.
 Rimmington, Joseph: See—
 Meadowcroft, Stanley, and Rimmington. 2,685,423.
 Rinck, Franklin B.: See—
 Malone, Herbert E., and Rinck. 2,688,569.
 Rindfleisch, Arthur G., to T. B. Hirschberg, Jr. 2,697,981, Cl. 101—20.
 Rindfleisch, Heinrich: See—
 Bruner, Hermann, Rindfleisch, and Tietze. 2,678,646.
 Rineer, Arthur E. 2,689,727, Cl. 270—58.
 Rineer, Arthur E., $\frac{1}{2}$ to R. Platzer. 2,692,512, Cl. 74—594.4.
 Rinehart, Alan G., New York, N. Y. Ornament for slide fasteners. 2,671,259, Mar. 9.
 Rines, Robert H., Brookline, Mass. Electric system. 2,673,343, Mar. 23.
 Rines, Robert H. 2,696,522, Cl. 178—6.8.
 Ring, Douglas H.: See—
 Beck, Alfred C., and Ring. 2,691,734.
 Malthaner, William A., and Ring. 2,675,538.
 Ring, Harold H.: See—
 Johnson, Agnar, and Ring. 2,682,912.
 McLaughlin, Robert C., and Ring.
 Ring, Joseph E.: See—
 Perry, Winthrop L., and Ring.
 Ring, Sidney H., Portland, Oreg. Internal-combustion engine with variable combustion chamber. 2,666,421, Jan. 19.
 Ring, Sylvanus C. 2,696,619, Cl. 4—217.
 Ringie, Donald F., to James Hunter Machine Co. 2,690,679, Cl. 74—324.
 Ringler, Maurycy, Walbrzych, Poland. Hydraulic well boring arrangement for rotary jumper method of boring. 2,673,713, Mar. 30.
 Ringler, William A.: See—
 Van Rosen, Robert E., and Ringler. 2,682,988.
 Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co., Middletown, Ohio. Fully partitioned carrier with reinforced handle. 2,673,677, Mar. 30.
 Ringler, William A., assignor to The Gardner Board and Carton Co. 2,675,158, Cl. 229—28.
 Ringler, William A., assignor to The Gardner Board and Carton Co. 2,678,751, Cl. 220—104.
 Ringler, William A., to The Gardner Board and Carton Co. 2,682,972, Cl. 220—105.
 Ringler, William A., to The Gardner Board & Carton Co. 2,696,942, Cl. 229—28.
 Ringoen, Richard M., assignor to Collins Radio Company, Cedar Rapids, Iowa. Automatic tracking mechanism. 2,672,608, Mar. 16.
 Ringoen, Richard M., to Collins Radio Co. 2,698,433, Cl. 343—118.
 Ringwald, Clarence. 2,680,818, Cl. 290—40.
 Ringwald, Clarence. 2,696,964, Cl. 248—288.
 Ringwald, Eugene L.: See—
 Mowry, David T., Ringwald, and Wesp.
 Ringwood Chemical Corp.: See—
 Frank, Robert L. 2,676,928.
 Krueger, John. 2,684,383.
 Seven, Raymond P., and Miyashiro. 2,679,498.
 Rinla, Herre, assignor to Hartford National Bank and Trust Company, as trustee. 2,676,246, Cl. 250—20.
 Rink, Robert M., assignor to The Goshen Manufacturing Company, Inc., Goshen, Ind. Swing. 2,669,286, Feb. 16.
 Rinke, Heinrich: See—
 Schnell, Hermann, and Rinke. 2,678,869.
 Rinkel, Franz: See—
 Harsch, Paul, and Rinkel. 2,688,101.
 Rinkema, David: See—
 Norelius, Emil F., Toth, and Rinkema.
 Rinker, Wilhelm, to Ernst Leitz, G. m. b. H. 2,691,887, Cl. 73—105.
 Rinse, Jacobus. 2,687,351, Cl. 92—10.
 Rio, Joseph: See—
 Fortess, Fred, Hohing, and Rio. 2,676,975.
 Riopelle, Earl F., Detroit, Mich., assignor to Morse Chain Company, Ithaca, N. Y. Bifilar centrifugal pendulum vibration damper. 2,666,341, Jan. 19.
 Riopelle, Earl F., assignor to General Motors Corporation. 2,679,439, Cl. 308—15.
 Riordan, Albert O., to Baker Perkins Inc. 2,688,517, Cl. 302—28.
 Riordan, John A., to J. T. Clark. 2,697,583, Cl. 254—100.
 Ripley, Glenn Q., Jr. 2,693,961, Cl. 273—134.
 Ripley, Herbert S.: See—
 Feeney, Thomas A., Glenn, Degenfelder, Crandall, and Ripley.
 Ripon Knitting Works, assignee: See—
 Reed, Alfred S. 2,679,117.
 Rippey, Hugh F.: See—
 Wildish, Myron F., Hefferline, and Rippey.
 Ripple, Joe M.: See—
 Meberg, Jess W., and Ripple. 2,679,088.
 Ripple, Melvin H., to The Hoover Co. 2,683,888, Cl. 15—323.
 Ripple, Melvin H., to The Hoover Co. 2,684,413, Cl. 200—52.
 Ripple, Melvin H., to The Hoover Co. 2,690,330, Cl. 259—110.
 Ripple, Melvin H., to The Hoover Co. 2,693,211, Cl. 150—3.
 Risch, Arthur H., Wauwatosa, assignor to Pulp Reproduction Company, Milwaukee, Wis. Molded pulp pallet support. 2,673,032, Mar. 23.
 Risdon Mfg. Co., The: See—
 Danco, Leon A., Jr. 2,685,722.
 Riseden, Ophus D.: See—
 Shacklett, Joseph B., and Riseden. 2,689,098.
 Risk, Thomas H. 2,676,708, Cl. 210—166.
 Risser, Ivan H., to U. S. Bottlers Machinery Co. 2,681,759, Cl. 226—124.
 Risser, Jacob R., to United States of America as represented by the Secretary of War. 2,689,303, Cl. 250—33.63.
 Rissler, Ruth R. 2,689,968, Cl. 15—236.
 Ristau, Alfred G.: See—
 Ristau, Arnold E. and A. G. 2,685,447.
 Ristau, Arnold E. and A. G., to Ristaucrat, Inc. 2,685,447, Cl. 274—10.
 Ristaucrat, Inc.: See—
 Ristau, Arnold E. and A. G. 2,685,447.
 Ritch, Julian A., Jr., Banning, Calif. Indicator for vehicle wheels. 2,672,597, Mar. 16.
 Ritchey, Richard C., to The Texas Co. 2,690,134, Cl. 103—179.
 Ritchie, Edmond S., Vancouver, British Columbia, Canada. Artificial limb socket or boot. 2,669,728, Feb. 23.
 Ritchie, Mansfield F., assignor to Twin Cities Container Corporation, Benton Harbor, Mich. Packaging for fragile objects. 2,667,968, Feb. 2.
 Rittepoint, Inc.: See—
 Lipic, Sylvester G., Boyle, and Lyon. 2,680,962.

- Ritscher, Arthur: *See*—
Körber, Kurt, Ritscher, Pollmann, and Stelzer. 2,690,777.
- Rittenhouse, Harvey L., to General Motors Corp. 2,692,796, Cl. 298—35.
- Rittenhouse, Howard E., assignor of $\frac{1}{2}$ to Bowser, Inc., and $\frac{1}{2}$ to Tokheim Corporation. 2,678,658, Cl. 137—235.
- Ritter Co., Inc.: *See*—
Bronk, Fay E. 2,681,408.
Bronk, Fay E. 2,690,945.
Bronk, Fay E. 2,698,156.
Lauterbach, Norman E. 2,682,916.
- Ritter, Edwin E., assignor to Hugh H. Eby, Inc. 2,677,116, Cl. 339—64.
- Ritter, Herman, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Edge guide for sewing machines. 2,672,833, Mar. 23.
- Ritter, Julius, Jr., to Hartmann Co. 2,695,085, Cl. 190—43.
- Ritter, Lawrence: *See*—
Weidenheimer, Joseph F., and Ritter. 2,677,640.
- Rittinger, Adam N., Rochester, N. Y., assignor to Photostat Corporation. Print stripping mechanism. 2,667,963, Feb. 2.
- Ritzel, Henry S., New York, N. Y. Three-wheeled vehicle in which the driver and a passenger sit astraddle. 2,670,965, Mar. 2.
- Ritzenberg, Hyman. 2,677,459, Cl. 206—47.
- Ritzerfeld, Gerhard: *See*—
Ritzerfeld, Wilhelm and G. 2,689,521.
- Ritzerfeld, Wilhelm and G. 2,689,521, Cl. 101—132.
- Ritzmann, Otto F., assignor to Gulf Oil Corporation. 2,676,662, Cl. 166—21.
- Riva, José V., Buenos Aires, Argentina. Device for dosing powdered or granular substances having dispensing conduit with a vibration-producing member carried thereby. 2,665,036, Jan. 5.
- Rivard, Alexander H. 2,692,789, Cl. 292—337.
- Rivard, Lionel I.: *See*—
St. Palley, Zoltan O., and Rivard. 2,690,756.
- "Rivarossi" Officine Miniature Elettroferroviarie Soc. Acc. Sempl. A. Rossi & F. Brunner, assignee: *See*—
Krelbich, Karl.
- "Rivarossi" Officine Miniature Elettroferroviarie Soc. Acc. Sempl. di A. Rossi, F. Brunner & C.: *See*—
Palmentola, Enzo, and Travagli. 2,692,364.
- Riverson C., Faustino. 2,683,551, Cl. 220—24.
- Rivers, Joseph T., Jr.: *See*—
Hare, Weston A., and Rivers. 2,677,590.
- Rivers, Heyward, to The Babcock & Wilcox Co. 2,685,117, Cl. 25—45.
- Rivers, Joseph T., and A. H. Frazer, to E. I. du Pont de Nemours & Co. 2,684,950, Cl. 252—317.
- Rives, Jacob H. 2,695,818, Cl. 304—14.
- Rivett, Robert W.: *See*—
Anderson, Harry G., and Rivett. 2,686,750.
- Riviere, George H., New Iberia, La. Signaling device. 2,666,408, Jan. 19.
- Rivington, Arthur A.: *See*—
Cheverton, Peter C., and Rivington. 2,674,833.
- Rivington, Arthur A., and L. W. G. Wilkinson, to United Shoe Machinery Corp. 2,696,613, Cl. 1—32.
- Rivoche, Eugene. 2,691,509, Cl. 261—36.
- Riv-Officine di Villar Perosa Società per Azioni: *See*—
Barberis, Giovanni. 2,689,087.
- Rix, Earl H.: *See*—
Hill, Richard G., and Rix. 2,684,479.
- Rix, Earl H., and R. G. Hill, to Westinghouse Electric Corp. 2,683,859, Cl. 324—68.
- Riza, Eugene T. 2,694,321, Cl. 77—73.5.
- Rizzardi, Marcello, Trieste, Italy. Coating for the preservation of foods. 2,668,121, Feb. 2.
- Rizzo, Carmen, to Metal Textile Corp. 2,688,862, Cl. 66—135.
- Ro, Bo-Shin, to Khe-Beng Chiong. 2,692,189, Cl. 41—42.
- Roach, Benjamin F., Denver, Colo. Fuel line and the like and means for heating the same. 2,669,299, Feb. 16.
- Roach, Charles J.: *See*—
Bobaboy, Edward J., and Roach.
- Roach, Charles J., assignor to Western Electric Company, Incorporated. 2,674,976, Cl. 118—226.
- Roach, Jack F.: *See*—
North, Harper Q., Barnes, and Roach. 2,693,555.
- Roach, Jack F., to Hughes Aircraft Co. 2,683,204, Cl. 219—4.
- Roach, James E., to E. L. Kline. 2,682,273, Cl. 134—102.
- Roach, James R.: *See*—
Morris, John R., and Roach. 2,685,600.
- Roach, James T.: *See*—
Cines, Martin R., and Roach. 2,676,873.
- Roach, John R., and R. Nordgren, assignors to General Mills, Inc. 2,676,172, Cl. 260—209.
- Roark, Glenn L., Los Angeles, Calif. Car side sun visor. 2,665,166, Jan. 5.
- Robb, Alexander L., assignor to Hodges Research and Development Company. 2,674,466, Cl. 280—179.
- Robb, Frank B., assignor to Koehring Company. 2,679,119, Cl. 37—126.
- Robb, Frank M., to Joseph Robb & Co. Ltd. 2,691,801, Cl. 18—55.
- Robb, Joseph, & Co. Ltd.: *See*—
Robb, Frank M. 2,691,801.
- Robbenhaar, Johannes G.: *See*—
Netelenbos, Willem J., Otger, and Robbenharr.
- Robbens, Joseph A. 2,685,389, Cl. 222—320.
- Robbins, Clyde F., and L. D. Williams, to Cutler-Hammer, Inc. 2,689,486, Cl. 74—565.
- Robbins, Edward S. 2,691,254, Cl. 51—89.
- Robbins, Ernest B. 2,682,355, Cl. 222—107.
- Robbins, Frank, and W. Joseph. 2,694,462, Cl. 181—31.
- Robbins, Frank, and W. Joseph. 2,694,463, Cl. 181—31.
- Robbins, Henry. 2,691,338, Cl. 100—97.
- Robbins, Howard M., assignor to Hughes Tool Company. 2,674,732, Cl. 340—347.
- Robbins, Howard M., assignor to Hughes Tool Company. 2,674,733, Cl. 340—347.
- Robbins Incubator Co., assignee: *See*—
Rosenberg, Bernard L.
- Robbins, James S., assignor to Goodman Manufacturing Company. 2,680,034, Cl. 287—103.
- Robbins Mills, Inc., assignee: *See*—
Pfeiffer, Ernest. 2,677,397.
- Robbins & Myers, Inc.: *See*—
Byram, Frederick C., and Chang. Re. 23,870.
Chang, Sheldon S. L. Re. 23,872.
Gerlitz, Reuben A.
Hagerman, Gilbert H. 2,695,595.
Lloyd, Tom C., and Chang. 2,695,369.
Zimmer, George H., Jr. 2,691,347.
- Robbins, Noble G.: *See*—
Rice, Francis T., and Robbins. 2,693,893.
- Robbins, Ralph. 2,687,622, Cl. 62—91.5.
- Robbins, William P., Paterson, N. J., assignor to Curtiss-Wright Corporation. Acceleration stabilized synchronizer. 2,667,344, Jan. 26.
- Robco Corporation, assignee: *See*—
Grenwald, Harry.
- Roberg, Theodore W. 2,694,354, Cl. 97—47.81.
- Roberson, Donald C.: *See*—
Shull, Karl L., Roberson, and Knowlton. 2,679,507.
- Roberson, Leonard N. 2,682,590, Cl. 200—140.
- Robert, Jacques G.: *See*—
Jacob, Robert M., and Robert. 2,694,071.
- Robert, Roger A., and A. M. Henault, said Henault to said Robert. 2,684,213, Cl. 244—8.
- Roberts, Albert O., Dearborn, Mich. Turbine-type, fluid torque converter. 2,673,449, Mar. 30.
- Roberts, Albert O., assignor to Ford Motor Company. 2,677,441, Cl. 188—79.5.
- Roberts, Bob R., and K. R. D. Wolfe, to The Fisher Governor Co. 2,698,026, Cl. 137—458.
- Roberts, Bruce, assignor to The International Electronics Company, Philadelphia, Pa. Equipment for use with multitrack magnetic tape records. 2,668,059, Feb. 2.
- Roberts, Bruce, assignor to The International Electronics Company, Philadelphia, Pa. Drive mechanism for magnetic tape record machine. 2,668,674, Feb. 9.
- Roberts, Bruce, assignor to The International Electronics Company, Philadelphia, Pa. Magnetic letterhead. 2,668,718, Feb. 9.
- Roberts, Bruce, assignor to The International Electronics Company, Philadelphia, Pa. Office dictation and intercommunication system. 2,672,346, Mar. 16.
- Roberts, Bruce, assignor to E. G. Van Leeuwen and A. W. Neely. 2,676,022, Cl. 274—4.
- Roberts, Bruce, to The International Electronics Co. 2,694,110, Cl. 179—100.2.
- Roberts, Bruce, to The International Electronics Co. 2,698,359, Cl. 179—100.2.
- Roberts, Charles P.: *See*—
Low, Frank S., and Roberts.
- Roberts, Clark, L., Nampa, Idaho. Bedding tool. 2,673,511, Mar. 30.
- Roberts, Claudius H. M., Washington, D. C. Fuze. 2,672,094, Mar. 16.
- Roberts, Dimon A.: *See*—
Harder, Oscar E., and Roberts. 2,678,894.
- Roberts, Edward S.: *See*—
Strelzoff, Samuel, and Roberts. 2,689,175.
- Roberts, Elliott B., to the United States of America as represented by the Secretary of Commerce. 2,688,250, Cl. 73—189.
- Roberts, Elliott J.: *See*—
McKay, James B., Roberts, and Bosqui. 2,677,608.
- Roberts, Harry C. 2,697,630, Cl. 294—104.
- Roberts, Harry E. 2,693,938, Cl. 255—61.
- Roberts, Ingham S., to American Viscose Corp. 2,684,566, Cl. 57—58.76.
- Roberts, Ingham S., to American Viscose Corp. 2,694,912, Cl. 68—176.
- Roberts, Ingham S. 2,695,456, Cl. 33—178.
- Roberts, Ingham S. 2,695,457, Cl. 33—178.
- Roberts, Jack S. 2,690,224, Cl. 166—120.
- Roberts, James A.: *See*—
Fischer, Howard R., and Roberts. 2,682,793.
- Roberts, James A., H. R. Fischer, and M. P. D'Haem, to Chicago Pneumatic Tool Co. 2,685,865, Cl. 121—164.
- Roberts, James E. 2,682,428, Cl. 299—84.
- Roberts, James H. 2,679,391, Cl. 267—54.
- Roberts, John, Bradford, England. Attachment for feeding wool. 2,665,014.
- Roberts, John A., Lynn, Mass., assignor to General Electric Company. Vacuum gauge. 2,669,124, Feb. 16.
- Roberts, John M. 2,684,828, Cl. 251—215.
- Roberts, Lawrence M., A. N. Crowder, and S. Rabkin, to Research Corp. 2,689,019, Cl. 183—7.

- Roberts, Lester: *See*—
Mishler, Robert F., Guiley, and Roberts. 2,696,884.
Roberts, Llewellyn G., W. H. Webb, and J. L. Ramsey, assignors to Watliff Company Limited. 2,674,784, Cl. 29—155.54.
- Roberts, Louis W., assignor to Sylvania Electric Products Inc. 2,678,408, Cl. 315—41.
- Roberts, Louis W., to Sylvania Electric Products Inc. 2,697,800, Cl. 315—39.
- Roberts, Malcolm, Shaker Heights, Ohio. Self-locking hook. 2,671,938, Mar. 16.
- Roberts Mfg. Co.: *See*—
Adams, Jesse C. 2,677,145.
Codianne, Nicholas.
Laetari, Henry. 2,692,987.
Newcomb, Howard L., Werner, Myers, and Laetari.
- Roberts, Ray J. D., and A. H. Faulkner, Chicago, Ill., assignors to C. D. Hummel, Sr., New York, N. Y. Thermostatic switch. 2,669,625, Feb. 16.
- Roberts, Raymond K.: *See*—
Kerr, Robert B., and Roberts. 2,697,648.
- Roberts, Rex A., and R. L. Garman, to the United States of America as represented by the Secretary of the Navy. 2,692,442, Cl. 35—10.4.
- Roberts, Richard B., and E. H. Smith, assignors of $\frac{1}{4}$ to J. O. Evans, Jr. 2,678,163, Cl. 235—61.
- Roberts, Richard M.: *See*—
Folger, Charles J., and Roberts. 2,676,898.
- Roberts, Robert L., to the United States of America as represented by the Secretary of Agriculture. 2,686,130, Cl. 99—186.
- Roberts, Roy L., Jr.: *See*—
Hallerberg, Theodore W., Roberts, Schmidt, and Flum. 2,677,124.
- Roberts, Samuel B., to Celanese Corp. of America. 2,691,292, Cl. 72—16.
- Roberts, Sinclair T. 2,679,698, Cl. 33—211.
- Roberts, Thomas C., Warwick, R. I., assignor to Winsor & Jerauld Manufacturing Company. Tenting machine. 2,673,384, Mar. 30.
- Roberts, Walter V.: *See*—
Burns, Leslie L., Jr., and Roberts.
Roberts, Walter V., to Radio Corp. of America. 2,687,514, Cl. 333—76.
Roberts, Walter V., to Radio Corp. of America. 2,696,560, Cl. 250—36.
Roberts, Walter V., to Radio Corp. of America. 2,696,590, Cl. 333—71.
- Roberts, Wilbur N.: *See*—
Roper, Charles G., and Roberts. 2,678,661.
- Roberts, William B.: *See*—
Goldman, Irwin, and Roberts. 2,697,188.
- Roberts, William D., to Ryman Engineering Co. 2,692,460, Cl. 51—135.
- Roberts, Willmar K.: *See*—
Chapin, Edward W., and Roberts.
- Robertshaw-Fulton Controls Co.: *See*—
Branson, Charles D.
Branson, Charles D. 2,698,027.
Branson, Charles D. 2,698,029.
Caparone, Michael J.
Caparone, Michael J., and Arden. 2,695,056.
Caparone, Michael J., and Vaughn.
Jackson, Wilbur F. 2,679,258.
Kunzler, William S., and Russell. 2,679,560.
Main, Robert C. 2,684,811.
Rice, Harold W. 2,690,189.
Vaughn, Charles M. 2,690,873.
Weber, Victor. 2,690,304.
Weber, Victor, and Russell. 2,685,803.
- Robertson, Alan L. 2,684,588, Cl. 72—30.
- Robertson, Alexander, and J. R. Clarke, assignors to Smith, Kline & French Laboratories. 2,680,119, Cl. 260—345.2.
- Robertson, Alexander F.: *See*—
Shepard, Ward, Jr., Serrell, Beyer, and Robertson. 2,680,669.
- Robertson, Alexander M., London, England. Adjustable loop chain link wrench. 2,665,604, Jan. 12.
- Robertson, Andrew: *See*—
Morrison, John L. M., Robertson, and Porter. 2,674,778.
- Robertson, Bennie E., and G. P. Camp, assignors to Southern Spring Bed Company. 2,676,338, Cl. 5—202.
- Robertson, Charles A., to Tice Valley Ranch, d. b. a. Dollar Industries. 2,695,684, Cl. 188—136.
- Robertson, Charlotte R. B.: *See*—
Bletcher, Ralph E. 2,684,082.
Bletcher, Ralph E., and Ward. 2,675,218.
Bletcher, Ralph E., and Ward. 2,687,917.
- Robertson, Donald D.: *See*—
Dickieson, Alton C., Edwards, Robertson, and Wurmser. 2,692,303.
- Robertson, Earl M.: *See*—
Minsk, Louis M., Van Deusen, and Robertson.
- Robertson, Edwin J., Chicago, Ill. Collapsible dispensing tube and closure therefor. 2,665,033, Jan. 5.
- Robertson, F. K.: *See*—
Bletcher, Ralph E. 2,684,082.
Bletcher, Ralph E., and Ward. 2,687,917.
- Robertson, George H., to Bell Telephone Laboratories, Inc. 2,691,765, Cl. 332—58.
- Robertson, H. H., Co.: *See*—
Crafton, Henry H. 2,693,256.
Crafton, Henry H. 2,694,475.
Hedgren, Arthur W., and Brown. 2,696,281.
Hubbell, Dean S.
Hubbell, Dean S. 2,690,399.
Hubbell, Dean S. 2,690,400.
Jenkins, Paul W.
Jenkins, Paul W. 2,678,891.
Wiesmann, Joseph W.
Wiesmann, Joseph W. 2,680,775.
- Robertson, Hugh A. 2,676,375, Cl. 24—86.
- Robertson, James A., to E. I. du Pont de Nemours and Co. 2,687,404, Cl. 260—85.7.
- Robertson, John A., to United States Gypsum Co. 2,689,472, Cl. 72—38.
- Robertson, John D. 2,674,776, Cl. 26—63.
- Robertson, John D. 2,689,392, Cl. 26—63.
- Robertson, Nat C., and J. W. Walker, Corpus Christi, Tex., assignors to Celanese Corporation of America, New York, N. Y. Separation of n-propyl and sec. butyl alcohols by azeotropic distillation. 2,666,736, Jan. 19.
- Robertson, Nat C., and R. L. Mitchell, to Celanese Corp. of America. 2,689,253, Cl. 260—451.
- Robertson, Revere H.: *See*—
Hilder, David L., and Robertson. 2,682,007.
Robertson, William A. 2,692,462, Cl. 51—217.
- Robertson, William H.: *See*—
Stein, Robert A., and Robertson. 2,682,779.
- Robertson-Shersby-Harvie, Robert B., to the Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. 2,698,381, Cl. 250—27.
- Robeson, Charles D.: *See*—
Benton, Charles H., Jr., and Robeson. 2,683,746.
Benton, Charles H., Jr., and Robeson. 2,683,747.
Burness, Donald M., and Robeson. 2,676,994.
Cawley, John D., Robeson, and Humphlett. 2,676,989.
Guntrum, Marshall, and Robeson. 2,676,991.
- Robeson, Charles D., and J. K. Lindsay, assignors to Eastman Kodak Company. 2,676,988, Cl. 260—586.
- Robeson, Charles D., and J. G. Baxter, assignors to Eastman Kodak Company. 2,680,755, Cl. 260—413.
- Robinette, Willard C., South Pasadena, Calif. Paper web guide. 2,666,598, Jan. 19.
- Robins, Erford E., North Tonawanda, and H. F. Parker, Buffalo, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Electric hoist. 2,667,331, Jan. 26.
- Robins, Erford E., and H. F. Parker, to Columbus McKinnon Chain Corp. 2,681,204, Cl. 254—171.
- Robins, Harry. 2,695,049, Cl. 155—24.
- Robins, Jack L. 2,685,830, Cl. 95—4.5.
- Robins, Richard S., Stamford, Conn., assignor to American Optical Company, Southbridge, Mass. Camera support. 2,671,392, Mar. 9.
- Robins, Richard S., and W. J. Krasniewicz, to American Optical Co. 2,691,918, Cl. 88—24.
- Robins, Roland K.: *See*—
Hitchings, George H., and Robins. 2,686,781.
Hitchings, George H., and Robins. 2,697,710.
- Robinson, Albert L., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Semiconductor circuit element. 2,667,607, Jan. 26.
- Robinson, Ardis V., assignee: *See*—
Adams, Paul L. 2,678,074.
- Robinson, Arthur A.: *See*—
Williams, Frederic C., Robinson, and Kilburn. 2,683,802.
- Robinson, Arthur A., to National Research Development Corp. 2,685,407, Cl. 235—61.
- Robinson Aviation, Inc.: *See*—
Robinson, Cecil S. 2,687,270.
Titus, Elwin S., and Horne. 2,687,269.
- Robinson, Carl C., and W. J. Tull, assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. 2,677,758, Cl. 250—20.
- Robinson, Cecil S., to Robinson Aviation, Inc. 2,687,270, Cl. 248—358.
- Robinson, Charles A., assignor to Arnold, Hoffman & Co., Inc., Providence, R. I. Preparing guanidine-formaldehyde condensation products. 2,668,808, Feb. 9.
- Robinson, Charles F.: *See*—
Berry, Clifford E., and Robinson. 2,688,088.
- Robinson, Charles F., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Spectroscopic analysis of a gas mixture excited by a high-frequency electric field. 2,670,649, Mar. 2.
- Robinson, Charles F., to Consolidated Engineering Corp. 2,683,811, Cl. 250—41.9.
- Robinson, Charles F., to Consolidated Engineering Corp. 2,688,087, Cl. 250—41.9.
- Robinson, Charles F., and A. A. Lahti, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Electrostatic charging apparatus. 2,671,177, Mar. 2.
- Robinson, David, Chicago, Ill. Coating dispenser. 2,673,362, Mar. 30.
- Robinson, David. 2,697,834, Cl. 2—132.
- Robinson, David M., to The Stanley Works. 2,684,238, Cl. 267—73.
- Robinson, Denis M., assignor to High Voltage Engineering Corporation. 2,680,814, Cl. 250—49.

- Robinson, Edward L., Lexington, Mass., assignor to the United States of America as represented by the Secretary of the Air Force. Turret probe switch. 2,672,532, Mar. 16.
- Robinson, Eli A., Amsterdam, N. Y. Reinforced ball casing and manufacture. 2,665,132, Jan. 5.
- Robinson, Eric E., to Rotax Ltd. 2,686,887, Cl. 313—197.
- Robinson, Ernest : *See—*
Cotterill, Ernest, and Robinson. 2,696,847.
- Robinson, Ernest B. Re. 23,899, Cl. 93—94.
- Robinson, Francis E., and W. F. Bronson, to Wilson & Co., Inc. 2,694,643, Cl. 99—123.
- Robinson, Frederic A., assignee : *See—*
Adams, Paul L. 2,678,074.
- Robinson, George B. 2,696,010, Cl. 3—1.2.
- Robinson, George D. : *See—*
Logan, Joseph A., and Robinson. 2,677,417.
- Robinson, George L., assignor, by mesne assignments, to Blaw-Knox Company, Pittsburgh, Pa. Replaceable support for refractory lining of furnace doors. 2,673,533, Mar. 30.
- Robinson, George L., assignor to Blaw-Knox Company, Pittsburgh, Pa. Support for refractory lined furnace doors or the like. 2,673,534, Mar. 30.
- Robinson, Graydon, assignor to Lebanon Woolen Mills, Lebanon, Tenn. Loom. 2,672,894, Mar. 23.
- Robinson, Harold, to Air Reduction Co., Inc. 2,697,771, Cl. 219—8.
- Robinson, Harold A., and R. H. Briggs, assignors to The Dow Chemical Company, Midland, Mich. Recording titration apparatus. 2,666,691, Jan. 19.
- Robinson, Harris A., Philadelphia, Pa., assignor to Radio Corporation of America. Automatically tuned receiver. 2,671,168, Mar. 2.
- Robinson, Harry H., Jr., to Air Reduction Co., Inc. 2,685,921, Cl. 158—118.
- Robinson, Harry R., to The Texas Co. 2,693,463, Cl. 260—96.5.
- Robinson, Holly K., and H. O. Berry ; said Berry to said Robinson. 2,691,311, Cl. 76—31.
- Robinson, Homer W. 2,677,010, Cl. 174—49.
- Robinson, Howard M., to Armour and Co. 2,690,839, Cl. 206—47.
- Robinson Industries, assignee : *See—*
Adams, Paul L. 2,678,074.
- Robinson, Ivan M., to E. I. du Pont de Nemours and Co. 2,692,292, Cl. 260—666.
- Robinson, Jack D., to American Cyanamid Co. 2,698,311, Cl. 260—45.4.
- Robinson, James, assignor to Vickers Incorporated. 2,679,234, Cl. 121—41.
- Robinson, John H., and P. L. Paulsen, to General Electric Co. 2,688,471, Cl. 259—81.
- Robinson, John S. : *See—*
Boersma, Barney, and Robinson.
- Robinson, John S., assignor to Sackner Products, Inc. 2,675,052, Cl. 154—1.6.
- Robinson, Joseph J., Jr. : *See—*
Wassem, Howard M., and Robinson. 2,675,689.
- Robinson, Joseph N. : *See—*
Mills, James R., Robinson, and Miller. 2,698,344.
- Robinson, Lawrence R. 2,677,628, Cl. 134—8.
- Robinson, Lawton H. 2,681,051, Cl. 123—119.
- Robinson, Leo C., Indianapolis, Ind. Venetian blind cleaning apparatus. 2,665,698, Jan. 12.
- Robinson, Maudie L. 2,680,855, Cl. 4—185.
- Robinson, Maurice C., assignor to Chrysler Corporation. 2,675,102, Cl. 192—07.
- Robinson, Merrill P., assignor to Worthington Pump and Machinery Corporation. 2,675,350, Cl. 210—16.
- Robinson, Norman. 2,680,789, Cl. 191—12.
- Robinson, Norman H. : *See—*
Davison, Alan, and Robinson. 2,681,386.
- Robinson, Paul C., assignor to Arkell and Smiths, Canajoharie, N. Y. Machine for manufacturing valve bags. 2,668,481, Feb. 9.
- Robinson, Preston, Williamstown, assignor to Sprague Electric Company, North Adams, Mass. Electrical condenser. 2,668,936, Feb. 9.
- Robinson, Preston, and H. J. St. Denis, to Sprague Electric Co. 2,682,626, Cl. 317—260.
- Robinson, Ralph, assignor to Milwaukee Stamping Company. 2,674,922, Cl. 88—93.
- Robinson, Richard A. : *See—*
Cusic, John W., Robinson, and Dornfeld. 2,676,966.
- Robinson, Richard A., to G. D. Searle & Co. 2,683,146, Cl. 260—286.
- Robinson, Richard A., to G. D. Searle & Co. 2,692,285, Cl. 260—567.6.
- Robinson, Sam P., La Porte, Tex., assignor to Phillips Petroleum Company. Pebble heating chamber for pebble heaters. Re. 23,777, Jan. 26.
- Robinson, Sam P., La Porte, Tex., assignor to Phillips Petroleum Company. Alumina-mullite pebbles. 2,672,671, Mar. 23.
- Robinson, Sam P., assignor to Phillips Petroleum Company. 2,680,278, Cl. 25—156.
- Robinson, Sam P., assignor to Phillips Petroleum Company. 2,680,692, Cl. 106—62.
- Robinson, Sam P., to Phillips Petroleum Co. 2,683,653, Cl. 23—277.
- Robinson, Sam P., to Phillips Petroleum Co. 2,685,528, Cl. 106—65.
- Robinson, Thomas, & Son Limited, assignee : *See—*
Fielden, Fred.
- Robinson, Wayne C. 2,686,959, Cl. 29—285.
- Robinson, Wilfred T. : *See—*
Waterworth, Eric N., and Robinson. 2,692,531.
- Robishaw, Alces P. : *See—*
Housh, Cecil N., Robishaw, Fair, and Mansfield. 2,676,033.
- Robshaw, Earl J. 2,690,217, Cl. 164—0.7.
- Robshaw, Earl J. 2,690,218, Cl. 164—17.
- Robshaw, Earl J., to A-1 Bit & Tool Co. 2,696,367, Cl. 255—28.
- Robson, William A., to Westinghouse Air Brake Co. 2,695,346, Cl. 200—93.
- Robnett, E. V., Jr., assignor to Auto Cruz Corporation, Austin, Tex. Speed control mechanism for engines. 2,671,542, Mar. 9.
- Robot Appliances, Inc. : *See—*
Miller, Harold L. 2,687,297.
- Robotron Corp. : *See—*
Rockafellow, Stuart C. 2,681,428.
- Rockafellow, Stuart C. 2,689,929.
- Rockafellow, Stuart C. 2,691,745.
- Robson, Briton S., Huyton, assignor to British Insulated Callender's Cables Limited, London, England. Gas-liquid contact apparatus. 2,667,340, Jan. 26.
- Robson, Homer L., to Mathieson Chemical Corp. 2,683,648, Cl. 23—75.
- Robson, Stanley, Enfield, assignor to The National Smelting Company Limited, London, England. Condensation of zinc from its vapor in gaseous mixtures. 2,668,046, Feb. 2.
- Robson, Stanley, Enfield, and L. J. Derham, Severn Beach, assignors to The National Smelting Company Limited, London, England. Production of zinc. 2,668,047, Feb. 2.
- Robson, Stanley, Enfield, and L. J. Derham, Severn Beach, assignors to The National Smelting Company Limited, London, England. Production of zinc. 2,671,725, Mar. 9.
- Roby, Bryce C. : *See—*
Harrison, Morton R. 2,691,174.
- Roby, Russell R. 2,691,914, Cl. 82—21.
- Roby, Sheldon S., and W. N. Forbes, to The Stanley Works. 2,694,234, Cl. 20—16.
- Roby, Stanley M., to ACF Industries, Inc. 2,696,998, Cl. 287—100.
- Rocca, John L. 2,690,697, Cl. 88—28.
- Rocca, Julius P. : *See—*
Goering, Hans G., and Rocca. 2,683,138.
- Rocha, Henrique A. F., to General Electric Co. 2,683,821, Cl. 310—8.2.
- Roche, Arthur F. : *See—*
Price, Raymond M., and Roche. 2,674,588.
- Roche, Ivan D. : *See—*
Smook, Malcolm A., and Roche. 2,683,103.
- Roche, John C. : *See—*
Sprenger, Wilbur V., and Roche. 2,676,748.
- Rochester Button Company, assignee : *See—*
Fick, Harold F.
- Rochester Lead Works, Inc., assignee : *See—*
De Quasie, Lacey G., and Kochs.
- Rocheville, Charles F., Long Beach, assignor to Rocheville Engineering, Inc., Bellflower, Calif. Internal-combustion geared turbine. 2,671,315, Mar. 9.
- Rocheville, Charles F., Long Beach, Calif., assignor to M. E. C. B., Inc. Jet-propulsion burner. 2,672,333, Mar. 16.
- Rocheville Engineering, Inc., assignee : *See—*
Rocheville, Charles F.
- Rochow, Eugene G., assignor to Metal & Thermit Corporation. 2,679,506, Cl. 260—429.
- Rochwite, Seton I. : *See—*
Baireuther, Edward J., Condran, and Rochwite. 2,694,339.
- Rock, Edward J. : *See—*
Miner, Howard W., and Rock. 2,687,966.
- Rock, Murray. 2,686,608, Cl. 220—4.
- Rockafellow, Stuart C., Farmington, assignor to Robotron Corporation, Detroit, Mich. Electric arc device. 2,666,887, Jan. 19.
- Rockafellow, Stuart C., assignor to Weltronic Company. 2,677,052, Cl. 250—27.
- Rockafellow, Stuart C., to Robotron Corp. 2,681,428, Cl. 315—197.
- Rockafellow, Stuart C., to Robotron Corp. 2,689,929, Cl. 315—252.
- Rockafellow, Stuart C., to Robotron Corp. 2,691,745, Cl. 315—201.
- Rockford Inventors, Inc., assignee : *See—*
Clay, Howard W. 2,674,375.
- Rockford Show Case & Fixture Co., assignee : *See—*
Gerbode, William H. 2,677,586.
- Rock Hill Printing & Finishing Co. : *See—*
Davis, Thomas E. 2,689,070.
- Weisz, Herman, and Costner. 2,691,602.
- Rock Island Millwork Co. : *See—*
Weyerhaeuser, Frederick. 2,695,426.

- Rockmont Envelope Co., The: *See*—
Hyman, Jerome. 2,686,005.
- Rockoff, Joseph, Dayton, Ohio, assignor to The Dayton Rubber Company. Fiber working unit. 2,671,249, Mar. 9.
- Rockstrom, Leonard: *See*—
Fitchett, Thomas S., and Rockstrom. 2,693,755.
- Rockstrom, Leonard, assignor to F. X. Hooper Company, Inc. 2,674,942, Cl. 101—247.
- Rockwell, Albert M., to United Aircraft Corp. 2,688,263, Cl. 74—801.
- Rockwell, Dean M., Jr. 2,691,818, Cl. 29—432.
- Rockwell, Edward A., Shaker Heights, Ohio, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Hydraulic power control system. 2,665,554, Jan. 12.
- Rockwell, Edward A., Los Angeles, Calif. Fluid pressure valve. 2,667,861, Feb. 2.
- Rockwell, Edward A. 2,692,611, Cl. 137—503.
- Rockwell, Harley T., Yonkers, N. Y. Journal lubricator. 2,668,741, Feb. 9.
- Rockwell, Hugh M. 2,693,228, Cl. 157—124.
- Rockwell Mfg. Co.: *See*—
Batchelder, George E.
Batchelder, George E. 2,688,874.
Cloete, Floris.
Elowson, Sten, and Campanella. 2,697,242.
Eschenburg, William A., Pettigrew, and Johnson. Re. 23,822.
Farrell, Thomas C. 2,694,983.
Johnson, Clarence.
Johnson, Clarence. 2,691,962.
Niesemann, Fritz.
Niesemann, Fritz. 2,681,257.
Van Der Pyl, Lyman M.
- Rockwell Register Co.: *See*—
Haas, Edward W., and Brown. 2,685,406.
- Rockwell Register Corp.: *See*—
Wheelbarger, Albert S. 2,694,936.
- Rockwell Spring and Axle Co.: *See*—
Brownier, Nelson R.
Buckendale, Lawrence R. 2,685,479.
Buckendale, Lawrence R. 2,692,028.
Glander, James J.
Hammond, Milton B., and Bowman. 2,676,917.
Keese, Beverly W.
Keese, Beverly W. 2,687,656.
Keese, Beverly W., and Cook. 2,674,892.
Rockwell, Walter F., and Buckendale. 2,693,244.
Schneider, John S., Rockwell, and Buckendale. 2,674,783.
Super, Ralph K.
Williams, Ivor H., and Super.
- Rockwell, Walter F.: *See*—
Schneider, John S., Rockwell, and Buckendale. 2,674,783.
- Rockwell, Walter F., and L. R. Buckendale, to Rockwell Spring and Axle Co. 2,693,244, Cl. 180—22.
- Rockwood Sprinkler Co.: *See*—
Freeman, Howard G. 2,678,102.
Freeman, Howard G. 2,690,085.
Freeman, Howard G., and Gurney.
- Rodanet, Charles H. H., assignor to Société Anonyme Etablissements Ed. Jaeger. 2,675,026, Cl. 137—787.
- Rodda, Sidney, to General Electric Co. 2,685,531, Cl. 117—33.23.
- Rodden, John A. 2,681,964, Cl. 200—138.
- Rodder, William, to The Aetna-Standard Engineering Co. 2,693,630, Cl. 29—69.
- Rodder, William, and M. C. Uhrain, to The Aetna-Standard Engineering Co. 2,695,931, Cl. 191—12.
- Roddick, Eric M. 2,684,491, Cl. 10—89.
- Roddis Plywood Corporation, assignee: *See*—
Waldherr, Joseph J.
- Rodeck, Walter J., to Lord & Burnham, Division of Burnham Corp. 2,695,752, Cl. 236—49.
- Roden, Harry, to The Texas Co. 2,697,072, Cl. 252—18.
- Rodenhuis, Klaas: *See*—
Alma, Gerrit H. P., and Rodenhuis. 2,695,972.
- Roderick, Manuel J., to International Shoe Machine Corp. 2,694,817, Cl. 12—8.3.
- Roderick, Robert W., North Hollywood, Calif., assignor to Radio Corporation of America. Film synchronization and identification marking system. 2,673,485, Mar. 30.
- Roderman, Nathaniel N. 2,679,229, Cl. 116—129.
- Rodermund, William E. 2,680,415, Cl. 108—17.
- Rodgers, George F.: *See*—
Kline, Theodore S., and Rogers.
Young, De Walt S., and Rodgers.
- Rodgers, James S., to Terrence Rich Research. 2,697,292, Cl. 37—140.
- Rodgers, John K., and J. Tracht, to Gulf Research & Development Co. 2,688,368, Cl. 166—8.
- Rodgers, Joseph, Flint, Mich., assignor, by mesne assignments, to Willys Motors, Inc., Toledo, Ohio. Blow plate seal for core blowing machines. 2,665,461, Jan. 12.
- Rodin, Fritz J. 2,693,068, Cl. 55—51.
- Rodkey, Raymond G., Pittsburgh, Pa. Planter and seeder. 2,672,260, Mar. 16.
- Rodman, Ernest A., to E. I. du Pont de Nemours and Co. 2,697,434, Cl. 128—90.
- Rodman, Francis C., Garden City, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Mouthpiece for cap magazines. 2,668,000, Feb. 2.
- Rodney, Henry M., Spokane, Wash. Invisible shirt holder. 2,665,464, Jan. 12.
- Rodon Corporation, assignee: *See*—
Walther, Roy P. 2,678,149.
- Rodriguez, Camilo, to Davol Rubber Co. 2,693,188, Cl. 128—252.
- Rodriguez, F. O. 2,674,919, Cl. 88—26.
- Rodwick, Frank P., to The Silex Co. 2,690,296, Cl. 230—275.
- Rodzianko, Victor, Cranford, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Induction motor for family sewing machine drives. 2,667,611, Jan. 26.
- Roe, A. V., Canada Ltd.: *See*—
Boyd, Winnett. 2,693,904.
Boyd, Winnett, Avery, and Lavolette. 2,689,682.
Boyd, Winnett, Meschino, and Jay.
Boyd, Winnett, and Pashley. 2,674,844.
Boyd, Winnett, and Purvis. 2,681,837.
Cleminson, James A. C. C., and Hake. 2,675,456.
Creek, John O. 2,690,703.
Creek, John O., and Dawson. 2,676,521.
Frampton, Arthur G.
Friesen, Julius R. 2,682,367.
Frost, John C. M. 2,680,345.
Jay, Kenneth W. 2,678,535.
Jay, Kenneth W., and Ferris.
Kelk, George F. 2,681,565.
Koehler, Harold P. 2,693,696.
Marchant, Lawrence E., and Farr.
Marchant, Lawrence E., and Farr. 2,687,676.
Meadowcraft, Stanley, and Rimmington. 2,685,423.
Purvis, Joseph T., and Secord.
Whitelaw, Walter B.
Williams, Frederick D. M., and Morrison.
- Roe, René P. V.: *See*—
Pétitcolas, Pierre, Richard, Sureau, Roe, and Develotte. 2,675,374.
- Roeber, Henry W., assignor to Sylvania Electric Products Inc. 2,675,647, Cl. 49—2.
- Roeber, Henry W., to Sylvania Electric Products Inc. 2,691,246, Cl. 49—2.
- Roebing's, John A., Sons Corp.: *See*—
Lewis, Dartrey, and Stirn. 2,683,207.
Sunderland, Charles C. 2,689,389.
- Roebuck, Alan K., and A. Zietz, to Standard Oil Co. 2,692,258, Cl. 260—88.1.
- Roebuck, James O.: *See*—
Bordewieck, Robert W., and Roebuck. 2,686,277.
- Roec, Eugene C.: *See*—
Less, Frank W., Roec, and Searer. 2,692,246.
- Roeckel, Frank J. 2,685,113, Cl. 24—84.
- Roeder, Wesley S. 2,694,266, Cl. 35—48.
- Roederer, Willis A. 2,683,008, Cl. 248—42.
- Roehl, Edward J.: *See*—
Westbrook, Leon R., and Roehl. 2,684,937.
- Roehm, Edgar W., assignor to W. D. Allison Company. 2,679,445, Cl. 312—209.
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Crankshaft pin hardening machine. 2,665,126, Jan. 5.
- Roehm, Erwin G., to The Cincinnati Milling Machine Co. 2,682,202, Cl. 90—13.5.
- Roehm, Erwin G., to The Cincinnati Milling Machine Co. 2,696,066, Cl. 51—100.
- Roehm, Frank J.: *See*—
Broekhuysen, William C., Pohl, and Roehm.
- Roehmman, Ludwig F., and A. Duncan, to Anaconda Wire and Cable Co. 2,696,518, Cl. 174—78.
- Roehr, Zbislav M.: *See*—
Ryan, George R., Abel, and Roehr. 2,681,654.
- Roehri, Carl. 2,694,935, Cl. 74—110.
- Roehrig, Frederick L. O., Yucaipa, Calif. Rearview mirror. 2,664,785, Jan. 5.
- Roehrig, Frederick L. O., Yucaipa, Calif. Dual camera. 2,666,374, Jan. 19.
- Roehrig, Frederick L. O. 2,693,137, Cl. 95—11.
- Roehrig, Frederick L. O. 2,696,152, Cl. 95—11.
- Roehrl, Bruno C., assignor to Nosco Plastics, Erie, Pa. Toy airplane. 2,671,983.
- Roehrl, Bruno C., to Nosco Plastics, Inc. 2,690,946, Cl. 312—31.1.
- Roehrl, Bruno C., to Nosco Plastics, Inc. 2,690,947, Cl. 312—31.1.
- Roell, Hermann, Jr., and W. 2,678,002, Cl. 101—330.
- Roell, Werner: *See*—
Roell, Hermann, Jr., and W. 2,678,002.
- Roemer, John J.: *See*—
Kaiser, Donald W., and Roemer. 2,688,017.
- Roemer, John J., and D. W. Kaiser, to American Cyanamid Co. 2,688,016, Cl. 260—249.5.
- Roemisch, Harry S., to Reconstruction Finance Corp. 2,693,044, Cl. 40—39.
- Roepke, Willi. 2,684,211, Cl. 242—76.
- Roeser, John O., to Electro-Snap Switch & Mfg. Co. 2,684,401, Cl. 174—153.
- Roesies, Rudolf R. 2,679,941, Cl. 214—83.22.
- Roethel Engineering Corp.: *See*—
Roethel, John H. 2,677,567.
Roethel, John H. 2,683,617.
- Roethel, John H., assignor to Marvel Equipment Corporation. 2,676,042, Cl. 287—3.

- Roethel, John H., assignor to Marvel Equipment Corporation. 2,676,043, Cl. 287—3.
- Roethel, John H., assignor to Roethel Engineering Corporation. 2,677,567, Cl. 292—336.3.
- Roethel, John H., to Roethel Engineering Corp. 2,683,617, Cl. 292—280.
- Roethel, John H., to Marvel Equipment Corp. 2,684,257, Cl. 287—3.
- Roetheli, Bruno E.: *See—*
Gohr, Edwin J., Barr, and Roetheli. 2,697,718.
- Roetheli, Bruno E., Putney, England, assignor to Standard Oil Development Company. Catalytic decomposition of hydrocarbons. 2,672,490, Mar. 16.
- Roether, Bernard L.: *See—*
Majeski, Jerome A. 2,683,310.
- Roffee, Barton H., to the United States of America as represented by the United States Atomic Energy Commission. 2,686,827, Cl. 174—15.
- Roger, Albert J. 2,689,978, Cl. 18—30.
- Roger, Raymond J. E.: *See—*
Huard, Georges G., and Roger.
- Rogers, Arthur O., to E. I. du Pont de Nemours and Co. 2,688,023, Cl. 260—309.5.
- Rogers, Bradford W. 2,683,384, Cl. 74—665.
- Rogers Brothers Corporation, assignee: *See—*
Rogers, Hugh L. 2,678,188.
- Rogers, Louis J. 2,676,783.
- Rogers, Charles E., Akron, Ohio, assignor to The Quaker Oats Company, Chicago, Ill. Method and apparatus for determining moisture content or other variables in organic materials. 2,665,409, Jan. 5.
- Rogers, Charles F., assignor to S. C. Johnson & Son, Inc., Racine, Wis. Conveying and positioning mechanism. 2,667,959, Feb. 2.
- Rogers, Chester E., Jr., to United Shoe Machinery Corp. 2,684,042, Cl. 112—52.
- Rogers, Dilworth T.: *See—*
Munday, John C., and Rogers.
- Rogers, Dilworth T., and R. V. High, Jr., assignors to Standard Oil Development Company. 2,675,305, Cl. 44—60.
- Rogers, Dilworth T. and J. H. Bartlett, to Standard Oil Development Co. 2,694,684, Cl. 252—49.8.
- Rogers, Douglas C., and W. W. Marsh, to International Standard Electric Corp. 2,686,272, Cl. 313—47.
- Rogers, Edmund, and H. D. North, Jr., assignors to The Engine Parts Manufacturing Company. 2,678,846, Cl. 299—95.
- Rogers, Edward F., and H. D. Brown, to Merck & Co., Inc. 2,682,561, Cl. 260—612.
- Rogers, Edwin J., and E. L. Mooney, to Bendix Aviation Corp. 2,694,245, Cl. 25—156.
- Rogers, Elwood C., Jr., Indianapolis, Ind. Photographic printing apparatus. 2,668,474, Feb. 9.
- Rogers, Frederick R., to Vitreous Research Corp. 2,693,423, Cl. 106—53.
- Rogers, Gordon F., assignor to Radio Corporation of America. 2,677,049, Cl. 250—20.
- Rogers, Gordon F., to Radio Corp. of America. 2,683,841, Cl. 318—120.
- Rogers, Howard G., assignor to Polaroid Corporation. 2,678,274, Cl. 95—88.
- Rogers, Howard G., to Polaroid Corp. 2,681,857, Cl. 95—81.5.
- Rogers, Howard R., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Rearview mirror assembly. 2,669,159, Feb. 16.
- Rogers, Hugh L., assignor to Rogers Brothers Corporation. 2,678,188, Cl. 254—86.
- Rogers, Hugh R. 2,689,979, Cl. 18—34.
- Rogers Imports Inc., assignee: *See—*
Silverman, Irving. 2,674,289.
- Rogers, John P., to Easy Washing Machine Corp. 2,692,559, Cl. 103—103.
- Rogers, Kenneth H., to F. F. Johnson. 2,682,440, Cl. 312—48.
- Rogers, Lawrence M., Chicago, and C. A. Siver, Hinsdale, assignors to The Liquid Carbonic Corporation, Chicago, Ill. Liquid dispenser. 2,665,046, Jan. 5.
- Rogers, Louis J., assignor to Rogers Brothers Corporation. 2,676,783, Cl. 254—2.
- Rogers, Margaret M., and J. P. English, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. 3,6-dichloro and 3,6-dibromopyridazines. 2,671,086, Mar. 2.
- Rogers, Raymond A.: *See—*
Fischer, Paul W., and Rogers. 2,679,478.
- Fischer, Paul W., and Rogers. 2,687,375.
- Rogers, Roscoe H.: *See—*
Baird, Edward O., and Rogers. 2,675,228.
- Rogers, Russell F., Youngstown, Ohio. Boring bar. 2,672,771, Mar. 23.
- Rogers, Thomas H., and J. W. Skehan, assignors to Machlett Laboratories, Incorporated. 2,679,017, Cl. 313—57.
- Rogers, Wayne C., assignor to Riley Stoker Corporation, Worcester, Mass. Rotor assembly apparatus. 2,669,470, Feb. 16.
- Rogers, Wayne C., to Riley Stoker Corp. 2,694,852, Cl. 29—195.
- Rogers, William H., Jr.: *See—*
Gilbert, Alfred G., and Rogers.
- Rogers, William J.: *See—*
Kridel, Donald J., Bean, and Rogers.
- Kridel, Donald J., and Rogers. 2,688,547.
- Rogerson, Walter A.: *See—*
Bate, Stanley C., Peach, and Rogerson.
- Roggenstein, Edwin O., to Remington Rand Inc. 2,682,581, Cl. 200—46.
- Rogier, Clarence F. 2,685,951, Cl. 194—10.
- Rogner, Ernst, to SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. 2,692,474, Cl. 57—105.
- Rohdin, James O., to Esselte forpackning ab. 2,695,551, Cl. 93—53.
- Rohling, Hermann. 2,675,429, Cl. 179—100.2.
- Rohm & Haas Co.: *See—*
Bauer, La Verne N., and Neher. 2,692,256.
- Beavers, Ellington M. 2,692,270.
- Bodamer, George W. 2,681,319.
- Bodamer, George W. 2,681,320.
- Bortnick, Newman M.
- Bortnick, Newman M. 2,686,772.
- Bortnick, Newman M. 2,692,275.
- Bortnick, Newman M. 2,694,695.
- Craig, W E and Lo. 2,680,745.
- Craig, W E, Lo, and Shropshire. 2,696,496.
- Craig, W E, and Luskin. 2,689,255.
- Craig, W E, and Van Hook. 2,675,381.
- De Benneville, Peter L. 2,675,383.
- De Benneville, Peter L., and Exner. 2,689,249.
- De Benneville, Peter L., and Melamed. 2,694,687.
- Fegley, Virginia W., and Rowland. 2,680,735.
- Ferris, Arthur F. 2,678,306.
- Ferris, Arthur F., and Lyman. 2,678,307.
- Hwa, Jesse C. H. 2,689,832.
- Hwa, Jesse C. H. 2,689,833.
- Kunin, Robert, and McGarvey. 2,692,244.
- Kunin, Robert, and Rothman. 2,677,670.
- Lo Cicero, Joseph C., and Levesque. 2,686,200.
- McBurney, Charles H. 2,689,227.
- McGarvey, Francis X. 2,695,875.
- McKeever, Charles H., and Fegley.
- Melamed, Sidney. 2,675,382.
- Melamed, Sidney. 2,689,239.
- Melamed, Sidney. 2,689,844.
- Melamed, Sidney. 2,694,696.
- Niederhauser, Warren D. 2,689,873.
- Nuessle, Albert C., and Crawford. 2,692,182.
- Schmidle, Claude J., and Riley. 2,689,263.
- Schneider, Henry J. 2,675,359.
- Thurmon, Francis M., and Kunin. 2,684,321.
- Urban, Richard S.
- Urban, Richard S. 2,688,621.
- Van Hook, John O., and Craig. 2,675,387.
- Van Horne, William L., Neher, and Bauer. 2,684,355.
- Yost, Robert S., and Auten. 2,696,504.
- Röhm, Kurt: *See—*
Hoffmeister, Erich, and Röhm. 2,678,494.
- Röhm, Wilhelm, Dormagen, assignor to Farbenfabriken Bayer Aktiengesellschaft, Leverkusen, Germany. Working up cellulose derivatives. 2,673,163, Mar. 23.
- Rohr Aircraft Corp.: *See—*
Bancroft, William H., Jr.
- Ferris, Herbert H., Jr. 2,682,147.
- Gross, Bernard.
- Gross, Bernard. 2,677,633.
- Hardy, Raymond W.
- Smith, Paul F.
- Zoll, Earl. 2,674,907.
- Rohrbach, Hans, Reichenau Tamins, Switzerland, assignor of one-third to J. Reilly, Elmhurst, and one-third to O. Brenneman, Bartlett, Ill. Engine having alternate internal-combustion and fluid pressure power strokes. 2,671,311, Mar. 9.
- Rohrback, Gilson H., D. M. McCloud, and W. R. Scott, to California Research Corp. 2,684,332, Cl. 252—8.55.
- Rohrback, Gilson H., D. M. McCloud, and W. R. Scott, to California Research Corp. 2,684,333, Cl. 252—8.55.
- Röhrig, Heinz: *See—*
Junkmann, Karl, and Röhrig.
- Rohrlick, Joan E.: *See—*
Rohrlick, Michael K., and J. E.
- Rohrlick, Michael K., and J. E. Montreal, Quebec, Canada. Apparatus for feeding and stitching slide fastener stringers to garment fly pieces. 2,667,849, Feb. 2.
- Rohrmann, Ewald: *See—*
Mills, Jack, and Rohrmann.
- Rokahr, Siegfried, Stuttgart, assignor to A. Kreidler, Stuttgart-O, Germany. Telescopic tubular cycle fork with flattened lower ends. 2,670,218, Feb. 23.
- Rokos, Michael P. 2,679,168, Cl. 74—441.
- Rola Co. Inc., The: *See—*
Levi, Fulvio. 2,681,390.
- Russell, Earl L.
- Smith, Francis B. Re. 23,856.
- Roland, Charles T., Bethel, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Treatment of aqueous dispersions. 2,665,211, Jan. 5.
- Roland, Charles T., Bethel Borough, assignor to Calgon, Inc., Pittsburgh, Pa. Thickening and stabilizing agents. 2,665,212, Jan. 5.
- Roland, John F., Jr., Chicago, and A. M. Gross, Oswego, assignors to Armour and Company, Chicago, Ill. Vitamin assay medium. 2,666,018, Jan. 12.
- Rolf, Elmer, and H. Hoefer. 2,679,793, Cl. 97—165.

- Rolf, Erich, Nurnberg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Erlangen, Germany. Synchronous contact device for electric contact converters. 2,666,820, Jan. 19.
- Rolf, Erich, Nurnberg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Differential apparatus for the protection of current converters. 2,672,584, Mar. 16.
- Rolf, Theodore E.: *See*—
 Peterson, Robert H., and Rolf. 2,680,382.
- Rolfes, George A.: *See*—
 Culp, Chester F., and Rolfes. 2,684,668.
- Rolfson, Ole. 2,675,223, Cl. 266—21.
- Rolfson, Cornelius A. 2,697,993, Cl. 112—160.
- Rolfson, Stanley T.: *See*—
 Weisblat, David I., Magerlein, Myers, Hanze, and Rolfson.
 Weisblat, David I., Magerlein, Myers, and Rolfson. 2,697,719.
 Weisblat, David I., Magerlein, and Rolfson. 2,674,617.
- Rolle, Clifford J., Tuckahoe, and W. Van Kirk, Richmond Hill, assignors to Interchemical Corporation, New York, N. Y. Coating compositions for recording media. 2,665,262, Jan. 5.
- Roller, Franz T., to Daimler-Benz Aktiengesellschaft. 2,681,118, Cl. 180—73.
- Roller Gear Co., Inc.: *See*—
 Schottler, Henry. 2,690,683.
 Schottler, Henry. 2,695,527.
- Roller, George E., Cleveland Heights, Ohio. Electromagnetic door lock. 2,673,108, Mar. 23.
- Roller, Paul S., Hyattsville, Md. Electrolytic methods and apparatus for production of metal hydroxides. 2,667,454, Jan. 26.
- Rollins, Brook H., Jr. 2,682,287, Cl. 146—43.
- Rollins, Eugene C., Ogden, Utah. Carburetor. 2,668,698, Feb. 9.
- Rollins, William V.: *See*—
 Pons, Silas C., and Rollins. 2,695,142.
- Rollman, Heinz, to Ro-Search Inc. 2,694,871, Cl. 36—14.
- Rollman, Walter F., to Standard Oil Development Co. 2,689,267, Cl. 260—683.15.
- Roll-Rite Corporation, assignee: *See*—
 Christensen, Carl O.
- Rolls-Royce Ltd.: *See*—
 Andrews, Walter A.
 Davies, David O. 2,685,334.
 Davies, Kenneth R., and Herbstritt.
 Davies, Kenneth R., and Herbstritt. 2,674,847.
 Gresham, Harold E., Wheeler, and Dunlop. 2,677,631.
 Griffith, Alan A. 2,683,962.
 Griffith, Alan A. 2,696,075.
 Haworth, Lionel, and Binns. 2,680,634.
 Lees, Edgar, and Cooke.
 Lombard, Adrian A. 2,674,843.
 Lombard, Adrian A., and Brealey. 2,682,363.
 Lovesey, Alfred C. 2,689,680.
 Morley, Frederick W. W.
 Oulianoff, George. 2,696,709.
 Probert, Leslie E., Sutton, and Cork. 2,680,081.
- Roll-Sash, Inc., assignee: *See*—
 Jaksch, Mathias F.
- Roloson, Glenn B. 2,683,235, Cl. 313—231.
- Rolph, Donald L.: *See*—
 Hopkins, George W., Malavazos, and Rolph. 2,681,767.
 Hopkins, George W., and Rolph. 2,681,766.
- Rolscreen Company, assignee: *See*—
 Kuyper, Herman S. 2,677,420.
- Romain, Fred. 2,690,145, Cl. 111—91.
- Romair, Incorporated, assignee: *See*—
 Schwanger, Orville H. and R. M.
- Roman, Aldo F. 2,684,608, Cl. 82—36.
- Roman, Anne, Minneapolis, Minn. Form for filling and distending the vamp and toe portions of a shoe. 2,670,482, Mar. 2.
- Roman, Michael, New York, N. Y. Power-driven tool. 2,665,599, Jan. 12.
- Romani, Richard B. 2,682,372, Cl. 235—88.
- Romanowski, Albert F., and L. A. Weinecke, to Bowser, Inc. 2,685,796, Cl. 73—194.
- Romans, John F., and A. E. Pirman, to The Motch & Merryweather Machinery Co. 2,690,702, Cl. 90—11.
- Romatowski, Edward J.: *See*—
 Davidson, John B., and Romatowski. 2,683,134.
- Rombach, James C.: *See*—
 Lindberg, Allan W., and Rombach. 2,688,108.
- Romby, Michael S., Roanoke, Va. Spring tool. 2,665,109, Jan. 5.
- Rome Hosiery Mills, assignee: *See*—
 Primm, Ralph E. 2,674,111.
- Romeka, William S. 2,684,852, Cl. 273—106.5.
- Romeo, Vincent P., to United Shoe Machinery Corp. 2,690,573, Cl. 12—1.
- Romer, Maurice H.: *See*—
 Smith, Raymond E., and Romer.
- Romer, Maurice H., to The A. C. Gilbert Co. 2,694,864, Cl. 33—174.
- Romick, William L. 2,687,814, Cl. 214—16.
- Romo, Jesus: *See*—
 Djerassi, Carl, Rosenkranz, Kaufmann, Pataki, and Romo.
 Rosenkranz, George, Djerassi, and Romo. 2,697,108.
- Romolt, Abe, to National Leather Handle Co., Inc. 2,694,477, Cl. 190—57.
- Rona, Adalbert B.: *See*—
 Rotschild, Adalbert. 2,680,932.
- Ronai, Steve: *See*—
 Blodgett, Stewart B., and Ronai. 2,681,601.
- Ronay, Geza S., Oakland, assignor to Shell Development Company, Emeryville, Calif. Lubricating compositions. 2,668,145, Feb. 2.
- Ronceray, Robert A. M., Thiais, France. Foundry cupola. 2,668,048, Feb. 2.
- Ronci, Victor L.: *See*—
 Read, William T., Jr., and Ronci. 2,676,197.
- Rondout Metal Products Co., Inc., assignee: *See*—
 Lonstein, Irving. 2,676,027.
- Rondthaler, Edward. 2,685,410, Cl. 235—89.
- Roneo Limited, assignee: *See*—
 De Whalley, William R. M. 2,678,651.
- Roney, Charles, Hammond, Ind., assignor to Ansul Chemical Company, Marinette, Wis. Stabilization of sulfone resins. 2,668,160, Feb. 2.
- Rongved, Paul I., and C. P. Erwin, to The Erwin-Newman Co. 2,687,102, Cl. 108—1.
- Rönnbom, Malte V.: *See*—
 Günther, Johannes J. 2,691,348.
- Rönnbom, Olga M. C.: *See*—
 Günther, Johannes J. 2,691,348.
- Ronning, Jacob A. 2,677,432, Cl. 180—6.34.
- Ronson Art Metal Works, Inc., assignee: *See*—
 Burchett, Ray L.
 Burchett, Ray L. 2,679,140.
 Flamm, Alexander L.
 Nissen, Warren I. 2,676,475.
- Ronson Corp.: *See*—
 Aronson, Alexander H. 2,690,067.
 Nissen, Warren I. 2,682,165.
- Ronstadt, Ruth M., Tucson, Ariz. Ear ornament. 2,669,102, Feb. 16.
- Rood, Ashton B., and K. B. Carr, Los Angeles, assignors to Techkote Company, Inc., Inglewood, Calif. Liquid dispensing valve. 2,673,011, Mar. 23.
- Rood, Robert M., Pittsfield, Mass., and O. A. Keser, Aldan, Pa., assignors to General Electric Company. Capacitor and terminal lead therefor. 2,667,606, Jan. 26.
- Rood, William E., Jr., Phoenix, and C. M. Colvin, Maricopa County, Ariz. Cotton gleaner. 2,670,584, Mar. 2.
- Roodner, Sylvia. 2,676,322, Cl. 2—73.
- Roof, Gordon R. 2,674,948, Cl. 103—1.
- Rooksby, Harold P.: *See*—
 Dovey, Douglas M., Chirnside, and Rooksby. 2,689,167.
- Rooksby, Harold P., to General Electric Co. 2,686,274, Cl. 313—212.
- Rookus, James E., Grand Rapids, Mich. Dual directional film reel. 2,672,336, Mar. 16.
- Roop, Harold D., assignor to Automatic X-Ray Corp. 2,679,317, Cl. 209—111.
- Roop, Nathan W., assignor to Columbus Plastic Products, Inc., Columbus, Ohio. Food-serving appliance. 2,670,234, Feb. 23.
- Roop, Nathan W., to Columbus Plastic Products, Inc. 2,695,115, Cl. 220—42.
- Roos, Elizabeth S., Belleville, Ill., and P. C. Hamm, Webster Groves, assignors to Monsanto Chemical Company, St. Louis, Mo. Defoliant compositions. 2,668,758, Feb. 9.
- Roos, Paul A. 2,698,356, Cl. 178—6.8.
- Root, Andrew A., to United Shoe Machinery Corp. 2,687,554, Cl. 18—34.
- Root, Edward M.: *See*—
 Hyman, Howard D., and Root.
- Root, Elihu, III, Springfield, Vt. Optical measuring apparatus. 2,666,267, Jan. 19.
- Root, Elihu, III. 2,685,025, Cl. 250—23.
- Root, Fern K.: *See*—
 Root, Howard S. and F. K. 2,685,022.
- Root, Howard S. and F. K. 2,685,022, Cl. 240—10.61.
- Root, Ralph C. 2,678,726, Cl. 209—121.
- Root, Robert S., to Lipe-Rollway Corp. 2,682,943, Cl. 192—99.
- Rop, James O., assignor to Jervis Corporation. 2,679,428, Cl. 292—332.
- Rop, James O., to Jervis Corp. 2,696,999, Cl. 292—332.
- Rope, Barton W.: *See*—
 Coonradt, Harry L., Cutzeit, and Rope. 2,689,266.
- Roper, Charles G., to Manning, Maxwell & Moore, Inc. Re. 23,850, Cl. 340—187.
- Roper, Charles G., and W. N. Roberts, assignors to Manning, Maxwell & Moore, Incorporated. 2,678,661, Cl. 137—625.28.
- Roper, Geo. D., Corp.: *See*—
 Hollman, Peter I. 2,696,877.
 Koebberman, Ralph F., and McCammant. 2,698,051.
 McLaughlin, Robert C., and Ring.
- Roper, John M., Washington, D. C., and T. O. Twist, Chevy Chase, Md. Instrument lighting cover panel. 2,673,924, Mar. 30.
- Roper, Perry R., South Gate, assignor to A. Oberholtz, Los Angeles, Calif. Restoring deformed sheet metal surfaces. 2,670,527, Mar. 2.
- Rorabaugh, Guy O.: *See*—
 Cotton, Robert H., Rorabaugh, and Harris. 2,678,288.
- Rorden, Harold L., W. E. Scarborough, and M. B. Elton. 2,677,817, Cl. 340—253.

- Rorig, Kurt, assignor to G. D. Searle & Co., Chicago, Ill. α,β -(polyhydroxyaryl)-alkanamides and their production. 2,666,789, Jan. 19.
- Rorig, Kurt, assignor to G. D. Searle & Co., Chicago, Ill. (β,β -diarylacryloxy)-alkylammonium salts. 2,673,853, Mar. 30.
- Rorig, Kurt J., to G. D. Searle & Co. 2,681,359, Cl. 260—465.
- Rork, John. 2,696,800, Cl. 119—5.
- Rork, Wallace G. 2,677,803, Cl. 324—54.
- Rosa, Ercle. 2,697,777, Cl. 240—51,12.
- Rosae, Oscar E., assignor to The New York Air Brake Company. 2,677,330, Cl. 103—136.
- Rosamilia, Peter L.: *See*—
Harvey, Mortimer T., and Rosamilia. 2,683,104.
Harvey, Mortimer T., and Rosamilia. 2,683,133.
- Rosan, Joseph. 2,681,818, Cl. 287—62.
- Rosan, Joseph. 2,685,320, Cl. 151—41,73.
- Rosanowski, Alexander. 2,695,813, Cl. 299—89.
- Rösch, Georg: *See*—
Baumann, Fritz, Bienert, and Rösch. 2,683,643.
- Roschke, Erwin M.: *See*—
Crotty, Francis W., and Roschke. 2,691,061.
- Roschke, Erwin M., to Zenith Radio Corp. 2,691,060, Cl. 178—5.1.
- Roschke, Erwin M., to Zenith Radio Corp. 2,694,105, Cl. 178—5.1.
- Roschke, Erwin M., to Zenith Radio Corp. 2,697,741, Cl. 178—5.1.
- Rose, Albert, to Radio Corp. of America. 2,688,048, Cl. 178—5.4.
- Rose, Alfred G., to Rose Brothers (Gainsborough) Ltd. 2,685,233, Cl. 89—37.5.
- Rose, Alfred G., to Rose Brothers (Gainsborough) Ltd. 2,689,503, Cl. 89—41.
- Rose, Alfred G., and J. Page, to Rose Brothers (Gainsborough) Ltd. 2,681,803, Cl. 271—26.
- Rose Brothers (Gainsborough) Ltd.: *See*—
Rose, Alfred G. 2,685,233.
Rose, Alfred G. 2,689,503.
Rose, Alfred G., and Page. 2,681,803.
- Rose, Clarence C.: *See*—
Fairclough, Edward, and Rose. 2,677,008.
- Rose, Daniel M., Knoxville, Tenn. Apparatus for packing lumber. 2,664,813, Jan. 5.
- Rose, David. 2,684,062, Cl. 124—6.
- Rose, Francis L.: *See*—
Hendry, James A., Homer, and Rose. 2,675,386.
- Rose, Francis L., and G. Swain, to Imperial Chemical Industries Ltd. 2,684,924, Cl. 167—30.
- Rose, Frederick W. 2,694,561, Cl. 261—78.
- Rose, Jay. 2,696,626, Cl. 15—102.
- Rose, Jess C., to J. G. McAlister, Inc. 2,686,240, Cl. 200—115.5.
- Rose Mfg. Co.: *See*—
Sharp, Jonathan E. 2,691,479.
- Rose, Michael. 2,694,225, Cl. 18—2.
- Rose, Michael. 2,694,247, Cl. 29—76.
- Rose, Michael. 2,694,248, Cl. 29—76.
- Rose Ribbon & Carbon Mfg. Co., Inc., assignee: *See*—
Rosenblum, Carl.
- Rose, Robert N.: *See*—
Stumpff, George E. 2,683,307.
- Rose, Walter E., La Grange, Ill. Convertible furniture construction set. 2,672,181, Mar. 16.
- Rose, William G.: *See*—
Lundgren, Harold P., Rose, and Jones.
- Rose, William G., and A. K. Balls, assignors to the United States of America as represented by the Secretary of Agriculture. 2,676,906, Cl. 195—66.
- Rose, William G., and A. K. Balls, assignors to the United States of America as represented by the Secretary of Agriculture. 2,680,090, Cl. 195—30.
- Ro-Search Inc.: *See*—
Rollman, Heinz. 2,694,871.
- Rosebrook, Homer E., assignor to Gibson Refrigerator Company, Greenville, Mich. Refrigerator cabinet. 2,666,300, Jan. 19.
- Rosebrook, Homer E., to Gibson Refrigerator Co. 2,694,295, Cl. 62—10.3.
- Rosecrans, Ernest E., Sr. 2,697,230, Cl. 2—308.
- Roselandt, Frank J.: *See*—
Kettering, Charles F., and Roselandt. 2,688,056.
- Roselle, Donald A., Racine, Wis. Baby bottle holder. 2,669,407, Feb. 16.
- Roselund, Harold A., assignor to C. W. Harwin Inc., Dayton, Ohio. Atomizer. 2,667,382, Jan. 26.
- Roseman, Leo. 2,686,017, Cl. 242—118.
- Roseman, Leo. 2,695,578, Cl. 112—2.
- Roseman, Richard J. 2,683,264, Cl. 2—243.
- Rosen, Hans, Sioux City, Iowa. Folding table with paired legs. 2,671,000, Mar. 2.
- Rosen, John, Philadelphia, Pa. Corrugated board construction. 2,671,598, Mar. 9.
- Rosén, Karl I. J. 2,696,252, Cl. 164—38.
- Rosen, Leo. 2,698,426, Cl. 340—164.
- Rosen, Milton W.: *See*—
Krause, Ernst H., Rosen, and Best. 2,679,041.
- Rosen, Ruben P., to Progress Mfg. Co., Inc. 2,688,668, Cl. 200—51.09.
- Rosenak, Stephen S., A. Saltzman, and J. L. Hutchings. 2,683,117, Cl. 210—8.5.
- Rosenbaum, Harry S., assignor to The Eastern Venetian Blind Company, Baltimore, Md. Venetian blind construction. 2,665,752, Jan. 12.
- Rosenbaum, Harry S. 2,677,419, Cl. 160—173.
- Rosenbaum, Harry S., to The Eastern Venetian Blind Co. 2,683,890, Cl. 16—87.4.
- Rosenbaum, Harry S., to The Eastern Venetian Blind Co. 2,683,891, Cl. 16—87.4.
- Rosenbaum, Harry S., to The Eastern Venetian Blind Co. 2,687,171, Cl. 160—173.
- Rosenbaum, Harry S. 2,689,704, Cl. 248—262.
- Rosenbaum, William E. 2,691,450, Cl. 214—38.
- Rosenberg, Bernard L., assignor to Robbins Incubator Co., Denver, Colo. Solenoid operated valve assembly. 2,671,467, Mar. 9.
- Rosenberg, Edward: *See*—
Kantor, James, Rosenberg, and Small. 2,689,057.
- Rosenberg, George, and L. Spiselman. 2,695,470, Cl. 40—152.
- Rosenberg, Isadore B., Port Chester, assignor of one-half to P. D. Arnold, Rye, N. Y. Machine for reslicing bread. 2,669,270, Feb. 16.
- Rosenberg, Milton: *See*—
Rajchman, Jan A., Mesner, and Rosenberg.
Rajchman, Jan A., and Rosenberg. 2,679,025.
Stuart-Williams, Raymond, and Rosenberg. 2,691,157.
- Rosenberg, Milton, and R. Stuart-Williams, to Radio Corp. of America. 2,691,155, Cl. 340—174.
- Rosenberg, Norman W.: *See*—
Katz, William E., and Rosenberg. 2,694,680.
- Rosenberg, Paul H., to Reo Motors, Inc. 2,692,801, Cl. 301—63.
- Rosenberg, Philip, assignor to Universal Steel Equipment Corporation. 2,678,253, Cl. 312—285.
- Rosenberg, Sidney. 2,675,615, Cl. 32—67.
- Rosenberg, Stig E. 2,686,311, Cl. 2—37.
- Rosenberg, William F. 2,688,493, Cl. 280—36.
- Rosenberger, Albert J., assignor to Republic Flow Meters Company. 2,676,575, Cl. 122—479.
- Rosenberger, Frank B., to Allied Chemical & Dye Corp. 2,681,902, Cl. 260—69.
- Rosenberger, George W., assignor to Westinghouse Electric Corporation. 2,679,357, Cl. 235—91.
- Rosenberger, Helen M.: *See*—
Roshkind, Allan I., Larson, and Rosenberger. 2,684,628.
- Rosenberry, Ralph M. 2,689,745, Cl. 280—47.26.
- Rosenblad Corporation, assignee: *See*—
Söderlund, Gustav K., Lindberg, and Simmons. 2,678,615.
- Rosenblatt, Edgar F. 2,675,390, Cl. 260—313.
- Rosenblatt, Morris S., and L. R. Davis, assignors to The Eimco Corporation. 2,674,217, Cl. 113—59.
- Rosenbloom, Louis. 2,684,013, Cl. 88—16.6.
- Rosenblum, Carl, Union, assignor to Rose Ribbon & Carbon Mfg. Co., Inc., Elizabeth, N. J. Nonsmudging transfer sheet. 2,671,734, Mar. 9.
- Rosenburgh, Norman J., to Eastman Kodak Co. 2,682,194, Cl. 88—24.
- Rosenburgh, Norman J., and E. B. Schoonmaker, assignors to Eastman Kodak Company, Rochester, N. Y. Film alarm system for photographic apparatus. 2,666,596, Jan. 19.
- Rosene, Thure E. 2,675,269, Cl. 299—54.
- Rosenfeld, Abraham L., trustee, assignee: *See*—
Apgar, Charles W. 2,678,716.
- Rosenfeld, Myer: *See*—
Pickett, Charles F., and Rosenfeld. 2,680,137.
- Rosenfeld, Sam: *See*—
Schmidt, Robert J., and Rosenfeld. 2,682,451.
- Rosengart, Henning C. 2,694,291, Cl. 60—39.36.
- Rosengren, Gösta B.: *See*—
Günther, Gunnar G. J., and Rosengren. 2,693,783.
- Rosengrens, E. A., Kassaskapsfabriks Aktiebolag, assignee: *See*—
Bergendahl, Kavalli A. 2,677,265.
- Rosenkaimer & Cie., assignee: *See*—
Völker, Alois.
- Rosenkranz, George: *See*—
Djerassi, Carl, Rosenkranz, Kaufmann, Pataki, and Romo.
- Rosenkranz, George, S. Kaufmann, and J. Pataki, assignors to Syntex, S. A., Mexico City, Mexico. 17 alpha-hydroxy alloprenanediones and process. 2,671,793, Mr. 9.
- Rosenkranz, George, C. Djerassi, and J. Romo, to Syntex S. A. 2,697,108, Cl. 260—397.3.
- Rosenkranz, Wilhelm, Meinerzhagen Kreis Altena, Germany. Press forging metal alloys. 2,671,559, Mar. 9.
- Rosenleaf, John R.: *See*—
Eckart, De Merle E., and Rosenleaf. 2,674,747.
- Rosenlund, Nils. 2,679,171, Cl. 76—38.
- Rosenstein, Florence, to I. Hill, executrix of the estate of Harold N. Hill, deceased, d. b. a. H. N. Hill & Co. 2,684,776, Cl. 218—28.
- Rosenthal, Adolph H., assignor, by mesne assignments, to Skiatron Electronics and Television Corporation. 2,680,146, Cl. 178—5.4.
- Rosenthal, Ben J. 2,698,165, Cl. 259—122.
- Rosenthal, Harry, Chicago, Ill. Push button controlled sheet material feeding apparatus. 2,668,705, Feb. 9.
- Rosenthal, Henry L., to H. L., P. H., L. E., and M. A. Rosenthal, copartners d. b. a. Rosenthal Mfg. Co. 2,689,441, Cl. 56—104.

- Rosenthal, I.: *See*—
Hills, Elmer G. 2,688,083.
- Rosenthal, Lawrence E.: *See*—
Rosenthal, Henry L. 2,689,441.
- Rosenthal, Louis A., assignor to M. A. Coler. 2,680,177, Cl. 201—60.
- Rosenthal, Mabel A.: *See*—
Rosenthal, Henry L. 2,689,441.
- Rosenthal Mfg. Co.: *See*—
Rosenthal, Henry L. 2,689,441.
- Rosenthal, Morris: *See*—
Hager, Karl F., and Rosenthal. 2,689,171.
Michel, Josef M., Hager, and Rosenthal. 2,692,857.
- Rosenthal, Nathan: *See*—
Tydings, Kenneth S., and Rosenthal. 2,674,932.
- Rosenthal, Paul H.: *See*—
Rosenthal, Henry L. 2,689,441.
- Rosenthal, Robert W., Poughkeepsie, and E. A. Naragon, Glenham, assignors to The Texas Company, New York, N. Y. Preparing alcohols from olefins. 2,670,385, Feb. 23.
- Rosenthal, William, Bayville, N. Y. Brassière. 2,666,918, Jan. 26.
- Rosenwald, Robert H.: *See*—
Hoatson, James R., and Rosenwald. 2,676,191.
- Rosenwald, Robert H., Western Springs, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon distillates. 2,671,048, Mar. 2.
- Rosenwald, Robert H., assignor to Universal Oil Products Company. 2,679,459, Cl. 99—163.
- Rosenwald, Robert H., Western Springs, and J. A. Chenicek, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Stabilization of edible oils and fats. 2,666,709, Jan. 19.
- Rosenwein, David. 2,691,787, Cl. 15—118.
- Rosenzweig, Julius. 2,678,448, Cl. 2—175.
- Rosenzweig, Siegfried. 2,697,571, Cl. 248—21.
- Rosevear, Francis B.: *See*—
Ferguson, Ralph H., and Rosevear. 2,686,761.
- Roshkind, Allan I., P. A. Stephenson, E. J. Rau, and T. W. Foster assignors to Container Corporation of America. 2,675,165, Cl. 229—38.
- Roshkind, Allan I., G. V. Larson, and H. M. Rosenberger, to A. B. Dick Co. 2,684,628, Cl. 101—128.4.
- Roshon, Russell C. 2,683,035, Cl. 273—45.
- Roshong, Raymond G., and V. L. Peickil, to Crane Packing Co. 2,688,215, Cl. 51—118.
- Rosie, Norman L. 2,684,537, Cl. 33—184.5.
- Rosing, Theodore F.: *See*—
Kuhn, Clarence W., and Rosing. 2,689,896.
Kuhn, Clarence W., and Rosing. 2,689,896.
- Rosing, Theodore F., Shorewood, and E. W. Seeger, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electric control device. 2,672,536, Mar. 16.
- Roske, Milton H., to United Shoe Machinery Corp. 2,682,166, Cl. 69—9.5.
- Rosmarin, Philip F. 2,675,798, Cl. 126—204.
- Ross, Albert M., to Remington Rand Inc. 2,691,216, Cl. 30—43.
- Ross, Alexander D., Jr. 2,693,959, Cl. 273—102.2.
- Ross, Budd H., Tillamook, and A. C. Jensen, Portland, Oreg. Sealing rim for kitchen sinks. 2,665,430, Jan. 12.
- Ross, Colin A., assignor to Behr-Manning Corporation, Troy, N. Y. Dispensing carton. 2,672,979, Mar. 23.
- Ross, Colin A., assignor to Behr-Manning Corporation. 2,674,400, Cl. 229—37.
- Ross, Colin A., to Behr-Manning Corp. 2,693,902, Cl. 229—27.
- Ross, Donald E., and H. S. Heller; said Ross assignor to said Heller. 2,676,766, Cl. 242—76.
- Ross, Donald H., to Automatic Temperature Control Co., Inc. 2,690,800, Cl. 161—1.
- Ross Gear & Tool Co.: *See*—
Creson, William K., Gagen, and Knight. 2,682,778.
- Ross, Howard S., $\frac{1}{8}$ to S. L. Mufich, $\frac{1}{8}$ to M. S. Mufich, $\frac{1}{8}$ to S. M. Mufich, $\frac{1}{8}$ to J. W. Mufich, and $\frac{1}{8}$ to S. A. Mufich. 2,685,640, Cl. 240—8.16.
- Ross, Hugh L., Shorewood, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Double casing pump. 2,668,503, Feb. 9.
- Ross, J. O., Engineering Corporation, assignee: *See*—
Blanchard, Charles E.
- Ross, James C., Seattle, Wash. All-metal valve faucet. 2,665,106, Jan. 5.
- Ross, John: *See*—
Martin, Edward J., Quinn, and Ross. 2,697,939.
- Ross, John, assignor to Colgate-Palmolive Company. 2,679,482, Cl. 252—138.
- Ross, John, to Colgate-Palmolive Co. 2,682,509, Cl. 252—152.
- Ross, John, to Colgate-Palmolive Co. 2,693,479, Cl. 260—400.
- Ross, John E., assignor to Bell Telephone Laboratories, Incorporated. 2,675,450, Cl. 201—48.
- Ross, Karl F.: *See*—
Cutler, Phil.
Friedmann, Louis M., and Ross. 2,690,477.
- Ross, Leonard F. 2,677,545, Cl. 272—78.
- Ross, Olive D.: *See*—
Hansen, William W., and Varian. 2,683,775.
- Ross, Percy N., assignee: *See*—
Johnson, Melvin C.
- Ross, Raymond W., assignor to Leeds and Northrup Company. 2,676,825, Cl. 292—111.
- Ross, Robert E., assignor to United-Carr Fastener Corporation. 2,677,853, Cl. 16—129.
- Ross, Sidney D.: *See*—
Markarian, Moushy, Ross, and Nazzewski. 2,695,900.
- Ross, Sidney D., to Sprague Electric Co. 2,692,290, Cl. 260—599.
- Ross, Stanley E., and H. D. Noether, to Celanese Corp. of America. 2,698,317, Cl. 260—79.3.
- Ross, Valentine A., to Chicago Cardboard Co. 2,684,314, Cl. 154—46.
- Ross, Walter P., assignee: *See*—
Campbell, Rex H.
- Ross, Walter S.: *See*—
Mills, John K., and Ross.
- Roszbach, Paul F., assignor to Eaton Manufacturing Company. 2,678,818, Cl. 266—4.
- Rossen, Nicolai J. 2,682,730, Cl. 49—84.
- Rossetto, Louis, to Mergenthaler Linotype Co. 2,681,138, Cl. 199—26.
- Rossetto, Louis, to Mergenthaler Linotype Co. 2,681,139, Cl. 199—32.
- Rossetto, Louis, to Mergenthaler Linotype Co. 2,693,270, Cl. 199—27.
- Rossetto, Louis, Flushing, and G. F. Squassoni, Corona, N. Y., assignors to Mergenthaler Linotype Company. Quadding and centering device for typographical casting machines. 2,672,972, Mar. 23.
- Rosshelm, David B., Teaneck, D. V. Doane, Maywood, N. J., and C. A. Siemer, Staten Island, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Wall structure for regeneratively cooled rocket motors. 2,669,835, Feb. 23.
- Rosshelm, David B., S. A. Yaczko, and J. M. Trainor, to The M. W. Kellogg Co. 2,684,528, Cl. 29—480.
- Rossi, Carlo, to Ciba Ltd. 2,689,792, Cl. 95—6.
- Rossi, Fred, Philadelphia, Pa. Bathtub seat structure. 2,670,029, Feb. 23.
- Rossi, Giovanni. 2,685,940, Cl. 183—100.
- Rossi, Harald H.: *See*—
Failla, Gioacchino, and Rossi. 2,683,222.
- Rossi, Harry J., assignor to Robert Gair Company, Inc. 2,679,930, Cl. 206—80.
- Rossi, Irving, R. Easton, and T. Y. Wilson, assignors to Continuous Metalcast Co., Inc. 2,674,019, Cl. 22—57.2.
- Rossi, Mario, and A. Di Giorgi. 2,681,003, Cl. 101—26.
- Rossin, Elmer H., to Monsanto Chemical Co. 2,696,444, Cl. 106—287.
- Rossin, Elmer H., to Monsanto Chemical Co. 2,697,672, Cl. 117—139.5.
- Rossin, Elmer H., and M. J. Scott, to Monsanto Chemical Co. 2,686,137, Cl. 117—138.8.
- Rossire, Francis H. S., assignor to Bendix Aviation Corporation. 2,680,580, Cl. 244—77.
- Rossire, Francis H. S., to Bendix Aviation Corp. 2,681,777, Cl. 244—77.
- Rossiter, Jay A., Houston, Tex. Multiple unit gas-oil separator and gas cleaner. 2,670,056, Feb. 23.
- Rossmann, Allen M. 2,681,632, Cl. 115—17.
- Rossmann, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Control mechanism. 2,670,201, Feb. 23.
- Rossmann, Louis. 2,684,484, Cl. 2—197.
- Rossmann, Louis. 2,684,485, Cl. 2—197.
- Rossmann, Peter F., to Hupp Corp. 2,692,162, Cl. 296—117.
- Rost, Helge F., and O. H. Waern. 2,687,209, Cl. 198—199.
- Rostine, Carl A., to Hampton Engineering Co. 2,698,103, Cl. 214—75.
- Roston, Benjamin: *See*—
Whitehead, Stanley, and Roston. 2,680,226.
- Rotaprint Ltd.: *See*—
King, Carl G. 2,683,411.
- Rotareald Corp., The: *See*—
Clark, Carleton L., and Vicario. 2,685,937.
- Rotary Lift Co.: *See*—
Allan, Hugh. 2,695,711.
Joseph, Lawrence F. 2,684,129.
- Rotax Ltd.: *See*—
Robinson, Eric E. 2,686,887.
- Roteprint Aktiengesellschaft: *See*—
Gericke, Erich. 2,693,718.
- Roth, Harold. 2,691,166, Cl. 2—42.
- Roth, Harold. 2,691,168, Cl. 2—73.
- Roth, Harold. 2,697,223, Cl. 2—73.
- Roth, Harold H., Bay City, assignor to The Dow Chemical Company, Midland, Mich. Polyhydric alcohol compositions containing an alkali salt of a sulfonated alkenyl aromatic resin. 2,670,336, Feb. 23.
- Roth, Harold H., to The Dow Chemical Co. 2,683,137, Cl. 260—79.3.
- Roth, Harold H., to The Dow Chemical Co. 2,691,639, Cl. 260—33.4.
- Roth, Harold H., to The Dow Chemical Co. 2,691,644, Cl. 260—79.3.
- Roth, John D., North Wildwood, N. J. Shingle corner construction. 2,668,332, Feb. 9.
- Roth, Leo C., to Roy E. Roth Co. 2,684,034, Cl. 103—111.
- Roth, Louis A.: *See*—
Richmond, Robert L., and Roth.
- Roth, Louis H.: *See*—
Pisciotta, Frank. 2,682,878.

- Roth, Robert I., to International Business Machines Corp. 2,690,549, Cl. 340—187.
- Roth, Robert I., to International Business Machines Corp. 2,695,668, Cl. 164—89.
- Roth, Robert I., to International Business Machines Corp. 2,696,420, Cl. 346—74.
- Roth, Robert I., to International Business Machines Corp. 2,697,649, Cl. 346—107.
- Roth, Roy E., Co.: *See—*
- Roth, Leo C. 2,684,034.
- Roth, Velleda F. 2,696,384, Cl. 273—88.
- Roth, Wilfred, Cambridge, Mass. Integrator circuit. 2,668,662, Feb. 9.
- Roth, Willard: *See—*
- Droz, Marcel E., and Roth. 2,688,442.
- Peck, Clarence E., and Roth. 2,686,048.
- Roth, William B.: *See—*
- Porter, James C., and Roth. 2,675,788.
- Rothacker, Francis N., assignor to H. M. R. Electronics, Incorporated. 2,680,833, Cl. 324—14.
- Rothbard, Charles A. 2,680,320, Cl. 43—42.06.
- Rothbaum, Joseph, 1/2 to F. Locks. 2,688,809, Cl. 35—50.
- Rothemünd, Max: *See—*
- Schörner, Christian, and Rothemünd.
- Rothemünd, Max, assignor to Maschinenfabrik Augsburg-Nürnberg A. G. 2,680,600, Cl. 257—227.
- Rother, Richard J., Breckenridge Hills, and A. B. McManus, assignors to Gaylord Container Corporation, St. Louis, Mo. Coating composition for paperboard comprising an aqueous dispersion of a butadiene-styrene copolymer and a hydrous aluminum silicate clay. 2,672,454, Mar. 16.
- Rotherm Engineering Company, Inc., assignee: *See—*
- Shumaker, Ephraim H.
- Rothgery, Walter H., Miami, Fla. Rotary game wheel. 2,671,665, Mar. 9.
- Rothlisberger, Alvin C.: *See—*
- Mahan, John E., and Rothlisberger. 2,682,545.
- Rothman, Gerald S. 2,689,948, Cl. 340—74.
- Rothman, Sidney: *See—*
- Kunin, Robert, and Rothman. 2,677,670.
- Rothmann, Harry E., and J. Weimont, to A. Kimball Co. 2,687,820, Cl. 216—22.
- Rothrock, Henry S., and W. K. Wilkinson, to E. I. du Pont de Nemours & Co. 2,687,405, Cl. 260—86.1.
- Rothschild, Robert F., Bronx, N. Y., assignor to The Sperry Corporation. Radio direction maintaining system. 2,666,199, Jan. 12.
- Rothstein, Fanny W.: *See—*
- Rothstein, Herman B. and F. W. 2,677,829.
- Rothstein, Harold L.: *See—*
- Vale, Arthur, and Rothstein.
- Rothstein, Herman B. and F. W. 2,677,829, Cl. 2—232.
- Rothstein, Jerome, to the United States of America as represented by the Secretary of the Army. 2,684,593, Cl. 73—401.
- Rothweiler, Alfred F., assignor to Daimler-Benz Aktiengesellschaft. 2,676,840, Cl. 296—44.
- Rothweiler, Charles O., assignor to David White Company, Milwaukee, Wis. Adjustable bearing. 2,666,675, Jan. 19.
- Rothwell, Ernest, to Henry Wheatley & Sons, Ltd. 2,684,802, Cl. 226—19.
- Roto Bag Machine Corporation, assignee: *See—*
- Moravec, Ladislav, and Gans.
- Roto-Finish Co.: *See—*
- Balz, William G., and Castle. 2,684,562.
- Rotol Ltd.: *See—*
- Chilman, John A. 2,696,269.
- Elliott, Albert G.
- Elliott, Albert G. 2,681,191.
- Rotolite Device Co., Inc.: *See—*
- Morin, Louis H. 2,690,504.
- Rotolo, Cyril A.: *See—*
- Bradt, Francis J., and Rotolo. 2,681,195.
- Rotondi, Salvatore J., Jr.: *See—*
- Donnelly, Edwin E., Jr., and Rotondi. 2,680,462.
- Roto-Screen Co.: *See—*
- Reinke, George W. 2,688,917.
- Roto-Table Co.: *See—*
- Shoffner, Willie M., and Focke. 2,685,996.
- Rotschild, Adalbert, also known as A. Rona, now by change of name, A. B. Rona. 2,680,932, Cl. 45—129.
- Rott, André, Wilrijk-Antwerp, assignor to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Producing colored reversal images. 2,665,986, Jan. 12.
- Rotter, Lutwin C., to Lincoln Engineering Co. 2,694,977, Cl. 103—2.
- Rottersmann, Maurice H. 2,681,801, Cl. 267—65.
- Rottersmann, Maurice H. 2,683,523, Cl. 198—182.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft. 2,696,493, Cl. 260—450.
- Rottschaefer, Bernard W., and H. Simon, assignors to General Aniline & Film Corporation. 2,676,963, Cl. 260—248.
- Rouat, Roger. 2,676,596, Cl. 128—373.
- Roubloff, Alexander D., and W. W. Arnold, to The Wiesner-Rapp Co., Inc. 2,686,413, Cl. 68—258.
- Roughsedge, Robert H., and H. G. Lustig, assignors to Celanese Corporation of America. 2,674,110, Cl. 66—146.
- Roulements & Billes Miniatures, S. A.: *See—*
- Annen, Robert. 2,679,440.
- Annen, Robert. 2,684,272.
- Annen, Robert. 2,686,397.
- Annen, Robert. 2,688,521.
- Annen, Robert. 2,689,771.
- Roulston, Kenneth I.: *See—*
- Pringle, Robert W., Roulston, and Brownell. 2,686,266.
- Rounds, Philip W., to Bell Telephone Laboratories, Inc. 2,694,184, Cl. 333—28.
- Rouse, Edward H.: *See—*
- Daugherty, Roland H., Stadem, and Rouse. 2,694,981.
- Rouse, George H., and H. L. Layton, assignors to Samson United Corporation, Rochester, N. Y., E. L. Doyle and A. C. Glasser, trustees of Samson United Corporation, assignors to Bickford Bro's. Co., Rochester, N. Y. Automatic electric toaster. 2,669,925, Feb. 23.
- Rouse, Mary B. 2,692,988, Cl. 2—73.
- Rousey, Merlin E. 2,680,946, Cl. 56—25.4.
- Roush, John A.: *See—*
- Phillips, John W., and Roush.
- Roush, Milton S., to Thompson Products, Inc. 2,686,654, Cl. 253—77.
- Rousseau, William C., to Stone & Webster Engineering Corp. 2,683,110, Cl. 202—42.
- Roussel, Georges H. 2,688,150, Cl. 16—52.
- Roussel, Paul A. H., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Electric pulse regenerator. 2,672,554, Mar. 16.
- Routien, John B.: *See—*
- Tanner, Fred W., Jr., Lynch, and Routien. 2,691,618.
- Roux, Robert H., Jr. 2,682,109, Cl. 32—68.
- Roux De Wet, Charl L.: *See—*
- Craig, Kenneth A., and Roux De Wet. 2,697,384.
- Rouy, Auguste L. M. A., to L. L. H. Co. 2,684,329, Cl. 204—155.
- Rovang, Wallace G., to Fabri-Valve Co. of America. 2,683,581, Cl. 251—327.
- Rovas, Tobias, assignor of forty per cent to Ohio Knitting Mills, Inc., Cleveland, Ohio. Thread guide. 2,671,943, Mar. 16.
- Rovner, Leopold E.: *See—*
- Hansen, Carl K., Miller, and Rovner. 2,694,926.
- Miller, Philip H., and Rovner. 2,694,258.
- Rovner, Leopold E., and C. K. Hansen, to the United States of America as represented by the Secretary of the Navy. 2,694,259, Cl. 33—27.
- Rowand, Will H.: *See—*
- Andrew, James D., Jr., and Rowand. 2,681,641.
- Rowand, Will H., Madison, and C. S. Smith, Westfield, N. J., assignors to The Babcock & Wilcox Company, New York, N. Y. Multiple furnace fluid heating unit. 2,673,553, Mar. 30.
- Rowe, George E., Wethersfield, Conn., assignor to Emhart Manufacturing Company. Glass charge delivery and forming apparatus. 2,669,805, Feb. 23.
- Rowe, Harry C., Chicago, Ill., and E. H. Bladh, assignors to Nutone, Inc., Cincinnati, Ohio. Hour chiming clock. 2,665,544, Jan. 12.
- Rowe, Leif A., assignor to Wm. Thoresen Company, Chicago, Ill. Casket handle. 2,670,497, Mar. 2.
- Rowe Machinery and Mfg. Co., Inc.: *See—*
- Rowe, Marion H. 2,692,737.
- Rowe Mfg. Co., Inc.: *See—*
- Gabrielsen, Christian. 2,683,517.
- Gabrielsen, Christian, and Morrison. 2,677,450.
- Gabrielsen, Christian, and Post.
- Rowe, Marion H., deceased (N. C. Rowe, executrix), to Rowe Machinery and Mfg. Co., Inc. 2,692,737, Cl. 242—78.
- Rowe, Naunearle C.: *See—*
- Rowe, Marion H. 2,692,737.
- Rowe, Oliver R.: *See—*
- Philibosian, Stephen, Rowe, and Stolp. 2,678,522.
- Rowe, Oliver R., and W. J. Stolp, assignors to R. H. Bouligny, Inc. 2,679,996, Cl. 248—149.
- Rowe, Percy J., Martinez, Calif., assignor to The Mountain Copper Company, Ltd. Production of cuprous oxide. 2,665,192, Jan. 5.
- Rowe, Raymond N., Plainville, Conn., assignor, by mesne assignments, to General Electric Company. Electric circuit breaker. 2,669,626, Feb. 16.
- Rowe, Raymond N., and E. A. Ericson, Plainville, Conn., assignors to General Electric Company. Electric circuit breaker. 2,673,267, Mar. 23.
- Rowe, Richard G., assignor to Dictaphone Corporation. 2,678,279, Cl. 106—37.
- Rowe, Richard G., and G. B. Bona, to Dictaphone Corp. 2,686,676, Cl. 274—4.
- Rowe, Stewart, Cincinnati, Ohio, assignor, by mesne assignments, to The Buckeye Cotton Oil Company, Memphis, Tenn. Manufacturing protein. 2,666,049, Jan. 12.
- Rowe, Walker E. 2,679,735, Cl. 64—9.
- Rowe, William, Lewiston, and S. A. Cohen, Auburn, assignors to Bonafide Mills, Inc., Lisbon, Maine. Floor structure and making the same. 2,672,793, Mar. 23.
- Rowe, William E.: *See—*
- Fyler, Norman F., and Rowe. 2,690,518.
- Rowedder, William, Cross River, N. Y. Spinning system. 2,671,304, Mar. 9.

- Rowell, George S., to The Chandler & Price Co. 2,698,175, Cl. 271-11.
- Rowland, Clare B., and O. A. Christensen, to General Motors Corp. 2,687,678, Cl. 93-1.
- Rowland, Clarence G., and M. A. Strojny, to The Fuller Brush Co. 2,691,802, Cl. 19-124.
- Rowland, Ernest E., Akron, Ohio. Hydraulic power means and seal for pressure vessel agitators. 2,665,122, Jan. 5.
- Rowland, Ernest E., Akron, Ohio. Polymerization control apparatus. 2,665,197, Jan. 5.
- Rowland, George P., Jr.: *See*—
Kidwell, Alfred S., and Rowland. 2,697,091.
- Rowland, Howard J., to the United States of America as represented by the Secretary of the Navy. 2,694,796, Cl. 333-96.
- Rowland, Howard J., and G. C. Terrell, to the United States of America as represented by the Secretary of the Army. 2,694,778, Cl. 250-33.65.
- Rowland, John: *See*—
Porter, Frederick W. B., Northcott, and Rowland.
- Rowland, Stanley P.: *See*—
Fegley, Virginia W., and Rowland. 2,680,735.
- Rowley, Arthur C., Drexel Hill, assignor to Globe Automatic Sprinkler Company of Pennsylvania, Philadelphia, Pa. Dry pipe valve. 2,667,934, Feb. 2.
- Rowley, Arthur C., to Globe Automatic Sprinkler Co. of Pennsylvania. 2,697,008, Cl. 299-121.
- Rowley, Robert D.: *See*—
Trigg, Warren M., and Rowley. 2,685,533.
- Rowley, Robert D., assignor to Westinghouse Electric Corporation. 2,676,948, Cl. 260-46.5.
- Roy, Frank P.: *See*—
De Witz, Alfred E. E., and Roy. 2,695,269.
- Roy, Henry A., Sr., Devon, Conn. Drill and reamer guide. 2,670,638, Mar. 2.
- Roy, Maurice, assignor to Office National d'Etudes et de Recherches Aeronautiques, dit: O. N. E. R. A., Paris, France. Device for feeding reagents to the mixing chambers of rockets. 2,671,312, Mar. 9.
- Roy, Maurice, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. 2,684,817, Cl. 244-15.
- Roy, Maurice, to "Office National d'Etudes et de Recherches Aeronautiques" (O. N. E. R. A.). 2,694,897, Cl. 60-35.6.
- Roy, Milton, Company, assignee: *See*—
Sheen, Robert T.
Sheen, Robert T. 2,678,541.
- Roy, Nereus H., assignor to Waugh Equipment Company. 2,678,796, Cl. 248-358.
- Roy, Nereus H., assignor to Waugh Equipment Company. 2,678,797, Cl. 248-358.
- Royal Electric Co., Inc.: *See*—
Baenziger, Leonard N. 2,678,363.
Baenziger, Leonard N. 2,683,210.
- Royal Electric Manufacturing Co.: *See*—
Burmeister, Howard F. 2,696,080.
- Royal McBee Corp.: *See*—
Feiertag, Arthur W. 2,690,219.
Feiertag, Arthur W. 2,690,751.
Feiertag, Arthur W. 2,692,055.
Welk, Nelson S. 2,690,009.
- Royal Typewriter Co., Inc.: *See*—
Kupper, William H. 2,675,902.
- Roy, Fortune P. 2,678,122.
- Wheeler, Reynold E. 2,689,032.
- Royall, Ivey G., Jr., St. Marys, Ohio, assignor, by mesne assignments, to The Goodyear Tire & Rubber Company. Rubber stopper. 2,669,370, Feb. 16.
- Royce, Draper P.: *See*—
Hendricks, James W., and Royce. 2,686,042.
- Royce, Gardner. 2,691,465, Cl. 222-108.
- Royce, Harvey D., and L. C. Haskell, assignors to The Southern Cotton Oil Company, Savannah, Ga. Hydrogenating vegetable oil. 2,671,097, Mar. 2.
- Royden, George T., assignor to Mackay Radio and Telegraph Company. 2,680,197, Cl. 250-36.
- Royer, Arthur G., assignor to Harris-Seybold Company. 2,680,404, Cl. 101-180.
- Royer, Darrell E.: *See*—
Chester, Robert W., Harnett, Royer, and Smith 2,686,855.
- Royer, Miles B.: *See*—
Buehl, Russell C., and Royer. 2,687,952.
- Royer, Stanley H., A. J. Miller, and R. F. Hinschlager, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. 2,679,381, Cl. 255-36.
- Royer, William M., to A. E. Staley Mfg. Co. 2,695,742, Cl. 226-58.
- Roys, Henry E., to Radio Corp. of America. 2,681,387, Cl. 179-100.2.
- Royster, Percy H., Chevy Chase, Md., assignor to Pickands Mather & Co., Cleveland, Ohio. Apparatus for magnetic roasting. 2,670,946, Mar. 2.
- Royt, Fred. 2,696,053, Cl. 33-61.
- Rozankowski, Leon J., to Western Electric Co., Inc. 2,693,124, Cl. 81-90.
- Rozell, Cullen B. 2,686,389, Cl. 47-1.
- Rozenkranz, George, and C. Djerassi, assignors to Syntex S. A. 2,676,174, Cl. 260-239.55.
- Rozenoff, Norma, Chicago, Ill. Toy telephone switchboard. 2,664,665, Jan. 5.
- Rozett, Benjamin, Chicago, Ill., assignor to Joseph Weidenhoff, Incorporated. Shunt for low-voltage circuit testers. 2,673,957, Mar. 30.
- Ruane, George W., Cincinnati, Ohio. Collar holding device. 2,666,921, Jan. 26.
- Ruark, Charles D., assignor of fifty percent to I. D. Ruark, Chase, Kans. Building structure. 2,666,507, Jan. 19.
- Ruark, Ira D., assignee: *See*—
Ruark, Charles D.
- Ruau, Felix F.: *See*—
Molins, Desmond W., and Ruau.
Molins, Desmond W., and Ruau. 2,681,160.
Molins, Desmond W., Ruau, and Jackson.
- Ruau, Felix F., to Molins Machine Co. Ltd. 2,684,614, Cl. 93-1.
- Rubach, Alexander: *See*—
Withers, John G., Hulf, and Rubach.
- Ruben, Harry, and E. C. Kalkman, to Radio Corp. of America. 2,686,304, Cl. 343-102.
- Ruben, Louis A. 2,675,731, Cl. 84-478.
- Ruben, Samuel, New Rochelle, N. Y. Electric current producing cell with tin anode. 2,669,597, Feb. 16.
- Ruben, Samuel. 2,692,215, Cl. 136-137.
- Ruben, Zorro D., Chicago, Ill. Fluid power unit. Re. 23,803, Mar. 16.
- Rubenstein, David, San Diego, Calif. Electrically heated building structure. 2,671,158, Mar. 2.
- Ruberoid Co., The: *See*—
Abraham, Herbert. 2,687,701.
Eckert, Clarence R., and Bettoli. 2,683,096.
Smith, Charles C.
- Rubey, Arthur C., Jr. 2,686,383, Cl. 43-55.
- Rubico, Jerome A. 2,688,758, Cl. 12-142.
- Rubin, Adolph J., assignor to Carter Carburetor Corporation, St. Louis, Mo. Flow machine fixture. 2,671,345, Mar. 9.
- Rubin, Irving: *See*—
Kontoff, Saul, and Rubin. 2,691,401.
- Rubin, Jacob. 2,679,891, Cl. 155-41.
- Rubin, Louis C.: *See*—
McGrath, Henry G., and Rubin.
McGrath, Henry G., and Rubin. 2,683,726.
Passino, Herbert J., and Rubin. 2,686,194.
- Rubin, Milton D. 2,680,699, Cl. 154-121.
- Rubinstein, Bertram. 2,682,595, Cl. 201-63.
- Rubinstein, Leon, New York, N. Y. Producing screens. 2,668,762, Feb. 9.
- Rubinstein, Leon, New York, N. Y. Nonacid photographic oxidizers. 2,668,763, Feb. 9.
- Ruci, Fred N.: *See*—
Thunstrom, Nils A., and Ruic. 2,682,942.
- Ruck, John F. 2,695,047, Cl. 152-330.
- Ruckelshaus, John G.: *See*—
Lundquist, Ingemar. 2,685,208.
- Ruckelshaus, John G. 2,682,175, Cl. 74-157.
- Rucker, John T., to Hooker Electrochemical Co. 2,687,417, Cl. 260-343.2.
- Rucker, John T., to Hooker Electrochemical Co. 2,694,738, Cl. 260-650.
- Rucker, Ralph V., Charleston, W. Va. Power-driven fountain brush. 2,671,914, Mar. 16.
- Rucks, Edward L., and A. B. Johnson, Jr., to Furnas Electric Co. 2,687,498, Cl. 317-120.
- Ruckstuhl, Alois: *See*—
Peter, Karl. 2,687,098.
- Ruckstuhl, Hans, O. Senn, and W. Wehrli, assignors to Sandoz A. G., Basel, Switzerland. Azo dyestuffs. 2,673,200, Mar. 23.
- Ruczynski, Narey B., and H. Szczepanski. 2,683,037, Cl. 273-106.5.
- Rudbarg, Frank: *See*—
De Brabander, Camiel, and Rudbarg. 2,696,655.
- Rudberg, Mac S.: *See*—
Holgersson, Sigbjörn P. H. E., Rudberg, and Rydeberg. 2,694,632.
- Rudd, Jean B., New York, N. Y. Can puncturing device. 2,671,960, Mar. 16.
- Rudd, Lloyd K.: *See*—
Melikian, Khoren C., and Rudd. 2,682,976.
Melikian, Khoren C., and Rudd. 2,683,984.
- Rudd, Lloyd K., and K. C. Melikian, assignors to Rudd-Melikian Corporation. 2,677,791, Cl. 317-137.
- Rudd-Melikian Corp.: *See*—
Melikian, Khoren C., and Rudd. 2,682,976.
Melikian, Khoren C., and Rudd. 2,683,984.
Rudd, Lloyd K., and Melikian. 2,677,791.
- Ruddy, Arlo W., and T. J. Becker, deceased (M. L. Tainter, administrator), assignors to Winthrop-Stearns Inc. 2,680,115, Cl. 260-294.7.
- Ruddy, Earle A.: *See*—
Wolfe, Dexter L., and Ruddy. 2,686,748.
- Rude, John F., and A. V. Burch, to Burch Plow Works, Inc. 2,688,831, Cl. 55-83.
- Rudeen, Carl S., Brawley, Calif. Pressure varying device for twine knotters. 2,670,977, Mar. 2.
- Rudeen, Carl S., Pocatello, Idaho. Twine knotter. 2,670,978, Mar. 2.
- Rudel, Harry W.: *See*—
Bartlett, Jeffrey H., Kirshenbaum, and Rudel. 2,680,094.
- Rudenauer, Arthur B. 2,692,141, Cl. 274-9.

- Rudenberg, Hermann G.: *See*—
Calosi, Carlo L., and Rudenberg. 2,676,416.
- Ruderfer, Martin. 2,675,108, Cl. 197—12.
- Rudge, Alfred J., H. Hill, and W. N. Howell, to Imperial Chemical Industries Ltd. 2,684,940, Cl. 204—247.
- Rudine, Clifford, San Francisco, Calif. Multiple section container. 2,672,275, Mar. 16.
- Rudley, William, assignee: *See*—
Perlmutter, Rueben.
- Rudolph, George E. 2,678,453, Cl. 19—89.
- Rudolph, Hans, H. Jurgens, and W. Reger, assignors to Siemens & Halske Aktiengesellschaft. 2,674,653, Cl. 178—61.
- Rudquist, Sven. 2,688,264, Cl. 76—108.
- Rudy, Jerome. 2,697,642, Cl. 306—1.
- Rudy Mfg. Co.: *See*—
Polad, Thomas H.
Polad, Thomas H. 2,691,813.
- Rudy, Walter: *See*—
Krah, Edward and C., and Rudy.
- Rue, Edward O., and A. G. Fredeen, assignors to A. R. Wood Manufacturing Company. 2,678,026, Cl. 119—73.
- Rueger, Herman, to Hamilton Watch Co. 2,690,645, Cl. 58—90.
- Rüegg, Ernst, to Escher Wyss Aktiengesellschaft. 2,685,370, Cl. 210—68.
- Ruegg, Fillmer W., to the United States of America as represented by the Secretary of the Navy. 2,682,747, Cl. 60—39.72.
- Ruegg, Rudolf: *See*—
Zollinger, Heinrich, and Ruegg.
- Ruegg, Rudolf, and H. Zollinger, assignors to Ciba Limited. 2,676,959, Cl. 260—199.
- Rueggeberg, Walter H. C., to Tennessee Corp. 2,687,362, Cl. 148—23.
- Rueggeberg, Werner, assignor to Armstrong Cork Company. 2,678,994, Cl. 219—10.75.
- Rueggesser, Donald R., St. Clair Shores, Mich. Fusible fastener. 2,666,488, Jan. 19.
- Ruehl, Harold: *See*—
Boyd, Roy W., Van Vooren, and Ruehl. 2,688,178.
- Ruehl, Harold, to International Harvester Co. 2,682,860, Cl. 118—408.
- Ruehleemann, Herbert E., and W. A. Menzel. 2,683,791, Cl. 219—8.
- Ruepp, Traugott A., assignor to Society Jaruza A. G. Chur. 2,679,316, Cl. 209—11.
- Ruetschi, Karl, to Aktiengesellschaft Brown, Boveri, & Cie. 2,694,762, Cl. 219—4.
- Ruf-Buchhaltung Aktiengesellschaft, assignee: *See*—
Maurer, Hans. 2,675,904.
- Ruff, Alonzo W. 2,677,944, Cl. 62—117.6.
- Ruff, Alonzo W., to V. C. Patterson & Associates, Inc. 2,696,085, Cl. 62—4.
- Ruffin, Raymond S.: *See*—
Jones, Montgomery O., and Ruffin. 2,684,717.
- Ruffin, Raymond S., to G. T. Smith, C. Wortham, Jr., and F. L. Williams, trustees. 2,694,449, Cl. 164—86.
- Ruffolo, Mario A. 2,682,852, Cl. 115—0.5.
- Ruge, Arthur C., Cambridge, Mass., assignor to Baldwin-Lima-Hamilton Corporation. Condition responsive apparatus. 2,666,262, Jan. 19.
- Ruge, Arthur C., Cambridge, Mass., assignor to Baldwin-Lima-Hamilton Corporation. Temperature compensated strain gauge. 2,672,048, Mar. 16.
- Ruge, Arthur C., to Baldwin-Lima-Hamilton Corp. 2,681,566, Cl. 73—141.
- Ruge, Arthur C., to Baldwin-Lima-Hamilton Corp. 2,688,727, Cl. 324—57.
- Rugg, Ormund E.: *See*—
Pascoe, George, and Rugg.
- Rugg, Ormund E., to Ford Motor Co. 2,691,854, Cl. 49—84.
- Rugg, Ormund E., and R. L. Woehle, to Ford Motor Co. 2,683,334, Cl. 49—84.
- Ruggles, Ernest V. 2,680,300, Cl. 33—193.
- Ruggles-Klingemann Mfg. Co., assignee: *See*—
Earley, Roy C. 2,680,563.
- Ruh, Robert P., assignor to The Dow Chemical Company, Midland, Mich. Preparation of 1,1,3-trichloro-2,3,3-trifluoropropene and fumigating therewith. 2,673,173, Mar. 23.
- Ruh, Robert P., assignor to The Dow Chemical Company. 2,676,193, Cl. 260—653.
- Ruh, Robert P., and A. F. Gordon, to Dow Corning Corp. 2,681,940, Cl. 260—653.
- Ruh, Robert P., and A. F. Gordon, to Dow Corning Corp. 2,681,941, Cl. 260—653.
- Ruh, Robert P., and A. F. Gordon, to Dow Corning Corp. 2,681,942, Cl. 260—653.
- Ruhbaum, Eva: *See*—
Lettré, Hans, Haede, and Ruhbaum. 2,697,096.
- Ruhl, Charles L. 2,696,205, Cl. 126—92.
- Ruhl, Frederick L., to General Motors Corp. 2,683,233, Cl. 310—270.
- Ruhl, Johann: *See*—
Strunck, Heinrich, and Ruhl. 2,691,381.
- Ruhland, Roman C., assignor to Minneapolis-Honeywell Regulator Company. 2,675,512, Cl. 318—257.
- Ruhland, Roman C., assignor to Minneapolis-Honeywell Regulator Company. 2,675,710, Cl. 74—375.
- Ruhnau, Richard, E. Weides, and G. Engelage. 2,697,180, Cl. 310—66.
- Ruhrchemie Aktiengesellschaft: *See*—
Büchner, Karl, and Sprünken. 2,678,304.
- Feichtinger, Hans. 2,689,246.
- Feichtinger, Hans, Kolling, and Puschhof.
- Hagemann, August, Kolling, and Jacob.
- Jacob, Eugen, Kolling, Stiebling, and Hagemann. 2,688,035.
- Rottig, Walter. 2,696,193.
- Tramm, Heinrich, Geiser, Kolling, and Puschhof. 2,683,688.
- Ruic, Fred N.: *See*—
Dean, Milo M., Thunstrom, and Ruic. 2,682,928.
- Ruidisch, Louis E., and E. F. Pevere, to The Texas Co. 2,681,300, Cl. 196—14.
- Ruidisch, Louis E., and D. Eastman, to The Texas Co. 2,694,075, Cl. 260—332.8.
- Ruiz, Raymond R., and F. A. Smith, Bronx, assignors of one-fourth to J. Cervone and one-fourth to J. Plumer, New York, N. Y. Combination rosette maker and flower holder. 2,666,249, Jan. 19.
- Ruiz, Alfonso J. 2,679,553, Cl. 179—100.4.
- Rulfs, Edward A., Los Angeles, Calif., assignor of one-half to H. R. Hardenbrook, New York, N. Y., and assignor, by decree of distribution, of one-half to L. J. Rulfs, Venetian blind. 2,673,607, Mar. 30.
- Rulfs, Lillian J., assignee: *See*—
Rulfs, Edward A.
- Rulon-Miller, Robert, Bristol, R. I., assignor to Dixon Corporation. Top roll for spinning frames or the like. 2,671,934, Mar. 16.
- Rumbold, William G. 2,676,675, Cl. 188—3.
- Rummler, John G. 2,695,660, Cl. 158—27.4.
- Rumonoski, John. 2,696,136, Cl. 84—360.
- Rump, Joh. M.: *See*—
Kohlmann, Walter. 2,695,506.
- Rumpel, Delbert O.: *See*—
Rumpel, Donald D. and D. O. 2,679,942.
- Rumpel, Donald D. and D. O. 2,679,942, Cl. 214—131.
- Rumpel, Harvey H., Whitefish Bay, assignor to Smith Engineering Works, Milwaukee, Wis. Adjustment structure for concaves of gyratory crushers. 2,668,015, Feb. 2.
- Rumpel, Harvey H., to Smith Engineering Works. 2,687,257, Cl. 241—215.
- Rumpf, Hans, and F. Kaiser. 2,694,492, Cl. 209—144.
- Rumpler, Anton, Vienna, Austria. Rotary mixer type carburetor. 2,665,892, Jan. 12.
- Rumsey, Elver W. 2,676,626, Cl. 143—102.
- Rumsey, Herbert, Jr., Rochester, N. Y. Making heat-sealed and heat-shrunk package. 2,668,403, Feb. 9.
- Rumsey, John C. 2,695,792, Cl. 280—150.
- Rumsey, R. Douglas: *See*—
Dumas, Roger E., Rumsey, and Wall. 2,683,602.
- Runcie, W. O.: *See*—
Soldevila Abellanet, Francisco. 2,693,759.
- Runk, John P.: *See*—
Tintes, Hubert A., and Runk. 2,675,665.
- Rundblad, George J.: *See*—
Buenger, Edward F., Uhrmacher, Cairelli, and Rundblad.
- Rundblad, George J., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Binder. 2,671,676, Mar. 9.
- Rundblad, George J., and F. D. Wedge, assignors to Wilson-Jones Company. 2,677,291, Cl. 78—97.
- Rundell, James E., and F. F. Ferry, Jr., assignors to Abbott Laboratories. 2,677,696, Cl. 260—442.
- Rundell, Rupert E., Rockville Centre, and P. M. Nejedly, Brooklyn, N. Y., assignors to American Machine and Foundry Company. Bowling pin conveying and assembling mechanism for bowling pin setting machines. 2,668,056, Feb. 2.
- Rundquist, Henning W., and G. Burrell, assignors to General Motors Corporation. 2,680,519, Cl. 210—1.5.
- Rundt, John W., assignor to The Timken Roller Bearing Company, Canton, Ohio. Article aligning mechanism. 2,671,568, Mar. 9.
- Runke, Glenn R., and C. J. McMahon, to McGraw Electric Co. 2,696,128, Cl. 74—543.
- Runke, Sidney M., Rapid City, S. Dak., assignor to the United States of America as represented by the Solicitor of the Department of the Interior. Beneficiation of beryllium ores by froth flotation. 2,666,587, Jan. 19.
- Runkle, Charles V. 2,688,687, Cl. 219—40.
- Runton, Leslie A., to Alexander Smith, Inc. 2,695,441, Cl. 28—76.
- Runton, Leslie A., and E. H. Shattuck, to Alexander Smith, Inc. 2,698,044, Cl. 154—1.1.
- Runton, Leslie A., and E. H. Shattuck, to Alexander Smith, Inc. 2,698,045, Cl. 154—1.1.
- Runyan, Raymond A., to Askania Regulator Co. 2,682,627, Cl. 318—18.
- Rupe, Max E. 2,690,064, Cl. 65—13.
- Rupert, Richard. 2,676,518, Cl. 88—78.
- Rupert, Andreas: *See*—
Guertler, Peter, and Rupert. 2,690,398.
- Rupp, Albert J., South Egg Harbor, N. J. Protractor. 2,665,482, Jan. 12.
- Rupp, Earl V., C. E. Adams, and S. L. Sundstrom, assignors to The Bastian-Blessing Company. 2,674,263, Cl. 137—604.
- Rupp, Lewis A.: *See*—
Strandell, John H., and Rupp. 2,693,243.
- Rupp, Walter: *See*—
Ebel, Friedrich, Rupp, and Trauth. 2,697,097.

- Rupp, William C., to The Chandler & Price Co. 2,692,668, Cl. 192—148.
- Ruppel, Frederick H. 2,684,134, Cl. 189—1.
- Ruppender, Robert R.: *See*—
Kempe, Robert A., and Ruppender. 2,689,807.
- Ruppert, George E. 2,684,172, Cl. 220—15.
- Rusch, Ernest H., assignor to General Electric Company. 2,674,681, Cl. 219—43.
- Rüsch, Gustav O. K.: *See*—
Christiansen, Christian, and Rüsch. 2,696,837.
- Ruschig, Heinrich: *See*—
Ehrhart, Gustav, Ruschig, and Aumüller. 2,681,340.
Ehrhart, Gustav, Ruschig, and Leditschke. 2,695,305.
Ehrhart, Gustav, Ruschig, Stein, and Aumüller. 2,697,095.
- Ruschig, Heinrich, Frankfurt am Main Griesheim, and H. G. Fuchs, Frankfurt am Main Zeilsheim, assignors to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Brüning, Frankfurt am Main Höchst, Germany. Production of 3-acyloxy-bisnor-Δ⁵-choleonic acids. 2,672,465, Mar. 16.
- Ruschig, Heinrich, and J. Schmidt-Thomé, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Brüning. 2,697,107, Cl. 260—397.2.
- Rusco, Easborn, to Ford Motor Co. 2,685,242, Cl. 97—47.52.
- Rush, Elmer H., to Shell Development Co. 2,698,363, Cl. 200—61.41.
- Rush, Elton E., to Phillips Petroleum Co. 2,684,838, Cl. 261—121.
- Rush, Elton E., to Phillips Petroleum Co. 2,685,151, Cl. 47—58.
- Rush, Elton E., to Phillips Petroleum Co. 2,696,307, Cl. 210—63.
- Rush, Joseph J., Carthage, Mo. Electric cord holder for sadirons. 2,672,310, Mar. 16.
- Rusher, John J., Royal Oak, Mich., assignor to Champion Spark Plug Company, Toledo, Ohio. Indexing mechanism. 2,665,589, Jan. 12.
- Ruska, Walter E. A. 2,686,454, Cl. 88—14.
- Ruskin, Henry, and B. Zacharkiw, to Speed Products Co., Inc. 2,682,053, Cl. 1—49.
- Ruskin, Simon L., New York, N. Y. Bismuth salt of penicillin. 2,669,563, Feb. 16.
- Ruskin, Simon L., assignor to Physiological Chemicals Company. 2,676,961, Cl. 260—239.1.
- Ruskin, Simon L., to Physiological Chemicals Co. 2,684,323, Cl. 167—81.
- Ruskin, Simon L., and A. Bakst. 2,694,743, Cl. 136—59.
- Russ, Daniel G., ½ to A. S. Atkinson. 2,693,081, Cl. 60—39.28.
- Russell, Alexander: *See*—
Hopton, Alan, and Russell. 2,683,520.
- Russell, Alexander, to The Forgrove Machinery Co., Ltd. 2,686,393, Cl. 53—135.
- Russell, Alexander, A. Hopton, and A. F. Carter, assignors to The Forgrove Machinery Company Limited, Leeds, England. Wrapping machine. 2,672,717, Mar. 23.
- Russell, Alva G., assignor to Pitney-Bowes, Inc., Stamford, Conn. Value setting and registering mechanism. 2,672,290, Mar. 16.
- Russell, Arthur O.: *See*—
Jones, Michael G., and Russell.
- Russell, Arthur P., and J. H. Hollopetre, assignors to General Electric Company. 2,676,437, Cl. 49—48.
- Russell, Burdshall and Ward Bolt and Nut Company, assignee: *See*—
MacDonald, Roderic A. 2,679,774.
- Russell Constructions Ltd.: *See*—
Hurst, Justin. 2,682,338.
- Russell Corp.: *See*—
Russell, Floyd A. 2,695,126.
- Russell, David A.: *See*—
Lehr, John. 2,684,176.
- Russell, Earl L., assignor to The Rola Company, Inc., Cleveland, Ohio. Making loud-speakers. 2,666,980, Jan. 26.
- Russell, Edward A., and N. O. Kirkby, to Vapor Heating Corp. 2,694,527, Cl. 237—8.
- Russell, Edward A., F. B. Rutherford, and J. Van Vulpen, to Vapor Heating Corp. 2,694,529, Cl. 237—40.
- Russell, F. C., Co., The: *See*—
Russell, Frank C., and Porter. 2,683,925.
- Russell, Floyd A., to Russell Corp. 2,695,126, Cl. 229—14.
- Russell, Francis R., to Standard Oil Development Co. 2,688,646, Cl. 260—683.15.
- Russell, Francis W., to Veeder-Root Inc. 2,696,166, Cl. 101—6.
- Russell, Frank C., and C. W. Porter, to The F. C. Russell Co. 2,683,925, Cl. 29—235.
- Russell, Fred J., R. W. Dietrich, and G. B. Solovieff, assignors to Weiser Company. 2,674,481, Cl. 292—169.
- Russell, Fred J., and R. W. Dietrich. 2,683,053, Cl. 292—336.3.
- Russell, George F.: *See*—
Mann, Julius W., and Russell. 2,678,897.
- Russell, George L. 2,693,979, Cl. 294—65.5.
- Russell, Harold D.: *See*—
Haist, Grant M., and Russell. 2,685,514.
- Russell, Harold D., and G. M. Haist assignors to Eastman Kodak Company. 2,675,318, Cl. 95—88.
- Russell, Harry J., and R. C. Palumbo, Newark, and F. B. Brestrup, North Arlington, N. J. Orthodontic appliance. 2,671,964, Mar. 16.
- Russell, Henry R., St. Paul, Minn., assignor, by mesne assignments, to General Package Corporation, Chicago, Ill. Egg carton. 2,668,652, Feb. 9.
- Russell, Herbert H., assignor to The Greist Manufacturing Company, New Haven, Conn. Ruffler. 2,669,954, Feb. 23.
- Russell, Herbert H., to The Greist Mfg. Co. 2,691,950, Cl. 112—135.
- Russell, John D., assignor to Joy Manufacturing Company. 2,674,365, Cl. 198—176.
- Russell, John J., and H. N. Headland, to Ekco Products Co. 2,687,994, Cl. 204—37.
- Russell, John K., assignor to Luber-Finer Incorporated, Los Angeles, Calif. Filter. 2,672,984, Mar. 23.
- Russell, John K. 2,690,027, Cl. 43—44.98.
- Russell, John K., to Luber-Finer Inc. 2,690,802, Cl. 164—12.
- Russell, Joseph J. 2,678,477, Cl. 20—52.2.
- Russell-Lacey Mfg. Co.: *See*—
Lacey, Edward D. 2,696,181.
- Russell-Lacey Mfg. Co., Inc.: *See*—
Reeves, William D. 2,682,238.
Wear, John H. 2,696,009.
- Russell, Linus E.: *See*—
Peters, George E., and Russell. 2,678,248.
- Russell, Linus E., assignor to Peters & Russell, Inc., Springfield, Ohio. Horn ring. 2,667,083, Jan. 26.
- Russell, Linus E., assignor to Peters & Russell, Inc., Springfield, Ohio. Pedal extension. 2,668,458, Feb. 9.
- Russell, Linus E., assignor to Peters & Russell, Inc. 2,674,087.
- Russell, Linus E., assignor to Peters & Russell, Inc. 2,677,929, Cl. 60—31.
- Russell, Linus E., assignor to Peters & Russell, Inc. 2,677,975, Cl. 74—547.
- Russell, Linus E., assignor to Peters & Russell, Inc. 2,678,067, Cl. 138—46.5.
- Russell, Linus E., assignor to Peters & Russell, Inc. 2,679,857, Cl. 137—232.
- Russell, Linus E., to Peters & Russell, Inc. 2,694,610, Cl. 311—21.
- Russell Mfg. Co., The: *See*—
Walters, Gustav, and Gatzke.
Walters, Gustav, and Gatzke. 2,681,223.
Walters, Gustav, and Morton. 2,676,126.
- Russell, Nelson B., assignor to Lion Oil Company. 2,678,871, Cl. 23—75.
- Russell, Peter B.: *See*—
Hitchings, George H., and Russell.
Hitchings, George H., and Russell. 2,676,965.
Hitchings, George H., and Russell. 2,682,542.
Hitchings, George H., and Russell. 2,691,655.
Hitchings, George H., Russell, and Falco. 2,688,019.
Hitchings, George H., Russell, and Falco. 2,697,708.
- Russell, Prentiss T., assignee: *See*—
Kirk, Alva M. 2,674,097.
- Russell, R. H., assignee: *See*—
Nichols, Dan C.
- Russell, Richard F., assignor to American-La France-Foamite Corporation. 2,676,895, Cl. 117—50.
- Russell, Robert C., assignor to Eaton Manufacturing Company. 2,679,239, Cl. 123—90.
- Russell, Robert G.: *See*—
De Piolenc, Gerard, and Russell. 2,692,296.
- Russell, Robert J. 2,675,146, Cl. 222—183.
- Russell, Robert P., assignor to International Basic Economy Corporation. 2,680,416, Cl. 111—5.
- Russell, Stanley D., assignor to J. I. Case Company, Racine, Wis. Combination haying machine. 2,664,684, Jan. 5.
- Russell, Stanley D., assignor to J. I. Case Company. 2,674,839, Cl. 56—341.
- Russell, Stanley D., to J. I. Case Co. 2,696,391, Cl. 280—490.
- Russell, William J.: *See*—
Kunzler, William S., and Russell. 2,679,560.
Weber, Victor, and Russell. 2,685,803.
- Russell, William W., and H. C. Allen, to Sayles Finishing Plants, Inc. 2,689,194, Cl. 117—62.
- Russey, Edward S., to Borg-Warner Corp. 2,687,928, Cl. 308—187.
- Russo, Frank X., to The Peoples' National Bank. 2,688,992, Cl. 146—2.
- Russo, James E.: *See*—
Verkuil, Leo L., and Russo. 2,698,354.
- Russo, James E., assignor to Edwards Company, Inc., Norwalk, Conn. Variable speed governor. 2,664,974, Jan. 5.
- Russo, Leo V., Chicago, Ill. Antislipping device for shoes. 2,668,373, Feb. 9.
- Russum, Leonard W., assignor to Standard Oil Company. 2,677,000, Cl. 260—683.15.
- Rust, David J.: *See*—
Jensen, Jack H., and Rust. 2,676,653.
- Rust, David J., and J. H. Jensen, assignors to Ry-Lock Company, Ltd., San Leandro, Calif. Top bar attachment device for frameless window screens. 2,670,793, Mar. 2.
- Rust, David J., and J. H. Jensen, assignors to Ry-Lock Company, Ltd. 2,678,690, Cl. 160—327.

- Rust, David J., and J. H. Jensen, assignors to Ry-Lock Company, Ltd. 2,678,691, Cl. 160—328.
- Rust, Dwayne J. 2,690,779, Cl. 152—331.
- Rust, John B.: *See*—
Hammer, Irving P., and Rust. 2,696,448.
- Rust, John B., Verona, assignor of one-half to Montclair Research Corporation, Montclair, N. J., and one-half to Ellis-Foster Company. Deacetylated chitin shrink-proofing of wool and product. 2,669,529, Feb. 16.
- Rust, John B., $\frac{1}{2}$ to Montclair Research Corp. and $\frac{1}{2}$ to Ellis-Foster Co. 2,689,860, Cl. 260—448.2.
- Rust, John B., $\frac{1}{2}$ to Montclair Research Corp., and $\frac{1}{2}$ to Ellis-Foster Co. 2,698,314, Cl. 260—46.5.
- Rust, John B., East Hanover, and W. B. Canfield, assignors of one-half to Montclair Research Corporation, Montclair, N. J., and one-half to Ellis-Foster Company. Esters of certain unsaturated alcohols and certain alkylidene bis-phenoxy fatty acids. 2,672,478, Mar. 16.
- Rust, John B., and L. Spialter, $\frac{1}{2}$ to Montclair Research Corp. and $\frac{1}{2}$ to Ellis-Foster Co. 2,689,166, Cl. 23—89.
- Rust, John B., and C. A. MacKenzie, $\frac{1}{2}$ to Montclair Research Corp., and $\frac{1}{2}$ to Ellis-Foster Co. 2,698,334, Cl. 260—448.2.
- Rust, John D., Pine Bluff, Ark. Adjustable cotton plant guide. 2,665,534, Jan. 12.
- Rust, John D., Pinebluff, Ark. Cotton stripping comb. 2,665,535, Jan. 12.
- Rust, John D., Pine Bluff, Ark. Spindle drive for cotton-picking machines. 2,665,536, Jan. 12.
- Rust, John D., Pine Bluff, Ark. Rotary cotton fluffer. 2,665,537, Jan. 12.
- Ruston & Hornsby Limited, assignee: *See*—
Feilden, Geoffrey B. R. 2,675,220.
- Rutenber, Edwin A., Baldwin Lake, assignor to Gibson Refrigerator Company, Greenville, Mich. Range top burner pan and electric resistance support. 2,668,899, Feb. 9.
- Rutenber, Edwin A., to Gibson Refrigerator Co. 2,682,600, Cl. 219—37.
- Rutenber, Edwin A., to Gibson Refrigerator Co. 2,691,369, Cl. 126—332.
- Rutenber, Edwin A., to Gibson Refrigerator Co. 2,698,373, Cl. 219—37.
- Ruth, Aquilla R. 2,679,432, Cl. 296—40.
- Ruth, Charles W.: *See*—
Larsen, Elmer J., and Ruth. 2,684,050.
- Ruth, Charles W., assignor to Western Electric Company, Incorporated. 2,678,776, Cl. 242—54.
- Ruth, Howard M.: *See*—
Burger, William H., Collins, and Ruth. 2,688,163.
- Ruth, Joseph P., Denver, Colo. Locomotive. 2,671,415, Mar. 9.
- Ruth, Joseph P. 2,677,601, Cl. 23—284.
- Ruth, Joseph P. 2,678,261, Cl. 23—284.
- Ruth, Joseph P. 2,692,130, Cl. 262—9.
- Rutherford, Charles R.: *See*—
Hunt, Frederick V., Schuck, Rutherford, Hathaway, and Butz.
- Rutherford, Ellwyn A.: *See*—
Sawyer, Max, and Rutherford. 2,679,402.
- Rutherford, Frost B.: *See*—
Russell, Edward A., Rutherford, and Van Vulpen. 2,694,529.
- Rutherford & Sawyer Mfg. Co., assignee: *See*—
Sawyer, Max, and Rutherford. 2,679,402.
- Rutherford, Thomas M. 2,680,268, Cl. 20—19.
- Ruthruff, Ward, executor: *See*—
Bussard, Kyffin T.
- Rutishauser, Albert: *See*—
Rutishauser, Heinz and A.
- Rutishauser, Heinz and A., Zurich, Switzerland. Appliance on typewriting, calculating, or bookkeeping machines for automatically setting a top sheet to a predetermined line. 2,670,068, Feb. 23.
- Rutkovsky, Hyman D.: *See*—
Teitscheid, Alfred F., Beeman, and Rutkovsky.
- Rutledge, Carl M. 2,687,895, Cl. 280—47.26.
- Rutledge, George E., to Munsingwear, Inc. 2,684,482, Cl. 2—34.
- Rutledge, George E., to Munsingwear, Inc. 2,687,525, Cl. 2—34.
- Rutledge, Melvin C., assignor to Hunter Douglas Corporation, Riverside, Calif. Tape roll for Venetian blinds. 2,667,220, Jan. 26.
- Rutter, David L.: *See*—
Carbiener, Harvey D., and Rutter.
- Rutter, Donald E., to J. I. Case Co., 2,695,733, Cl. 222—288.
- Rutter, Evan G.: *See*—
Charlton, William, and Rutter. 2,676,164.
- Rütti, Theophil, to Gebr. Staubli & Co. 2,690,770, Cl. 139—68.
- Rutz, Charles P. 2,682,119, Cl. 35—75.
- Růžicka, Mojmír, Brno, Czechoslovakia. Production of green malt. 2,671,045, Mar. 2.
- Ryall, Leonard E. 2,686,227, Cl. 179—84.
- Ryan Aeronautical Co., The, assignee: *See*—
Hawkins, Kenneth D. 2,674,471.
- Ryan, Albert O., assignor to Redding Manufacturing Company, Inc. 2,680,084, Cl. 134—35.
- Ryan, Byron F., Van Nuys, assignor to Warner Bros. Pictures, Inc., Burbank, Calif. Film rewinding system. 2,670,904, Mar. 2.
- Ryan, Daniel W.: *See*—
Longstreth, Murrey O., and Ryan. 2,695,420.
- Longstreth, Murrey O., and Ryan. 2,697,248.
- Ryan, Edward J., Elizabeth, N. J., and W. C. Van Siclen, Douglaston, N. Y., assignors to Standard Oil Development Company. Packaging method. 2,666,523, Jan. 19.
- Ryan, Fortune P., assignor to Royal Typewriter Company, Inc. 2,678,122, Cl. 197—62.
- Ryan, George D.: *See*—
Wright, Warren B., and Ryan. 2,694,250.
- Ryan, George R., to Abbott Laboratories. 2,693,189, Cl. 128—272.
- Ryan, George R., D. W. Abel, and Z. M. Roehr, to Abbott Laboratories. 2,681,654, Cl. 128—214.
- Ryan, George R., D. W. Abel, and R. F. McGrew, to Abbott Laboratories. 2,682,268, Cl. 128—214.
- Ryan, James F., Jr.: *See*—
Blomquist, Alfred T., Fiedorek, and Ryan.
- Ryan, John A.: *See*—
Hickok, John E., and Ryan.
- Ryan, Julian G., and G. L. Hayes, to Shell Development Co. 2,684,334, Cl. 252—46.6.
- Ryan, Matthew J. 2,683,059, Cl. 299—83.
- Ryan, Patrick P., and W. B. Shepardson, to St. Regis Paper Co. 2,688,576, Cl. 154—43.
- Ryan, Richard W., Brooklyn, N. Y. Dispenser. 2,673,008, Mar. 23.
- Ryan, Russell T.: *See*—
Coffey, Charles A., Ryan, and Whitehill. 2,694,015.
- Ryan, Stanley: *See*—
Fites, Cyril B., and Ryan. 2,690,359.
- Ryan, Thomas J.: *See*—
Marsey, John L., and Ryan. 2,690,524.
- Ryan, Thomas L.: *See*—
Barnby, Herbert A., and Ryan. 2,694,516.
- Ryan, William R.: *See*—
Ries, Rudy F., and Ryan. 2,692,740.
- Ryant, Charles J., Jr.: *See*—
Gord, Howard O., Merten, and Ryant.
- Rybick, John F.: *See*—
Ewbank, Lee, and Rybick. 2,690,153.
- Rydberg, Johan O., assignor to Eskilstuna Jernmanufaktur Aktiebolag, Eskilstuna, Sweden. Door-closing device. 2,669,745, Feb. 23.
- Rydberg, John A., to Aktiebolaget Gustavsbergs Fabriker. 2,697,593, Cl. 263—19.
- Rydboholms Aktiebolag: *See*—
Erikson, Carl O., and Landquist. 2,696,098.
- Rydeberg, David R.: *See*—
Holgersson, Sigbjörn P. H. E., Rudberg, and Rydeberg. 2,694,632.
- Rydell, Edmund W. F. 2,698,173, Cl. 268—109.
- Ryden, Isabelle: *See*—
Julian, Percy L., Meyer, and Ryden. 2,686,181.
- Ryden, James W. 2,674,082, Cl. 56—192.
- Ryder, Elmer. 2,678,641, Cl. 123—90.
- Ryder, Frank A.: *See*—
Collins, Arthur R., Ryder, and Randall. 2,691,710.
- Ryder, Frederick L.: *See*—
Bishop, Ronald L., and Ryder. 2,693,928.
- Ryder, Robert S., assignor to R. Guerner. 2,679,782, Cl. 84—454.
- Ryder, William, Knoxville, Tenn. Exhaust auxiliary for internal-combustion engines. 2,667,031, Jan. 26.
- Rydin, Anders F. 2,677,150, Cl. 18—55.1.
- Rydzewski, George S., Milwaukee, Wis. Sounding device for locating shallows and holes in a lake bottom. 2,669,785, Feb. 23.
- Ryer, August L., Montclair, and W. H. Gebert, Madison, assignors to Schering Corporation, Bloomfield, N. J. 25-ethinyl steroids. 2,673,206, Mar. 23.
- Ryland, Columbus J. 2,696,027, Cl. 20—10.
- Ryland, Lloyd B., to Shell Development Co. 2,688,003, Cl. 252—455.
- Rylander, Uno B.: *See*—
Perman, Håkan, and Rylander. 2,696,051.
- Ryles, James A. 2,677,736, Cl. 200—113.
- Ry-Lock Company, Ltd., assignee: *See*—
Jensen, Jack H., and Rust. 2,676,653.
- Rust, David J., and Jensen. 2,678,690.
- Rust, David J., and Jensen. 2,678,691.
- Ryman Engineering Co.: *See*—
Roberts, William D. 2,692,460.
- Rymland, Murray J., assignee: *See*—
Gauci, Joseph, and Mueller.
- Rymland, Murray J. 2,681,457, Cl. 5—351.
- Ryneerson, Luther E., Riverside, Calif. Glare shield attachment for automobile headlights. 2,665,371, Jan. 5.
- Rynish, Louis J., to Central Spool and Tube Co. 2,682,207, Cl. 93—1.
- Rynn, Nathan, to Radio Corp. of America. 2,695,330, Cl. 178—54.
- Rynn, Nathan, and P. K. Weimer, to Radio Corp. of America. 2,683,187, Cl. 178—54.
- Rysdon, Max L.: *See*—
Moyer, Richard C., and Rysdon. 2,691,362.
- Rystedt, Theede: *See*—
Cannon, William D., and Rystedt. 2,677,028.
- Rzepela, Stanley J., Philadelphia, Pa. Machine vise having base-clamping screw and nut assembly for sectional movable jaws. 2,667,799, Feb. 2.

- S. & C. Electric Co.: *See*—
Dunshee, William E.
Kojis, John J.
Lindell, Sigurd I. 2,685,004.
McMahon, George F.
- S. D. M. Company, The, assignee: *See*—
Heinisch, George. 2,674,897.
- S. E. C. I. Societa Elettrotecnica Chimica Italiana, assignee: *See*—
Canegallo, Giovanni. 2,677,743.
- S. & E. Manufacturing Company, assignee: *See*—
Reavis, William J., and Schutte.
- SKF Industries, Incorporated, assignee: *See*—
Morrison, Thomas W., and Styri. 2,680,659.
- SKF Kugellagerfabriken Gesellschaft mit beschraenkter Haftung: *See*—
Rogner, Ernst. 2,692,474.
- S & S Corrugated Paper Machinery Co., Inc.: *See*—
Shields, Albert F. 2,690,156.
- S & S Vending Machine Co.: *See*—
Koch, John C. 2,687,794.
- S & W Fine Foods, Inc.: *See*—
Carroll, Ellsworth W. 2,687,206.
Metcalf, Herbert E. 2,693,267.
Wormser, Paul, and Madrid.
- S. & W. Sewing Machine Attachment Co.: *See*—
Seaman, Edward L. 2,682,843.
Seaman, Edward L. 2,692,738.
- Saad, Theodore S., to the United States of America as represented by the Secretary of the Navy. 2,691,760, Cl. 324—58.
- Saalfrank, Royal B., to F. J. Stokes Machine Co. 2,682,080, Cl. 18—16.
- Saari, Oliver E., to Illinois Tool Works. 2,696,125, Cl. 74—459.5.
- Saarni, Walfrid: *See*—
Peterson, Walter H., and Saarni. 2,679,479.
- Saba Schwarzwaldler Apparate-Bau-Anstalt August Schwer Sohne, G. m. b. H.: *See*—
Blum, Eduard, and Schuhwerk. 2,696,190.
Leuthold, Eugen, and Blum.
- Sabalaukas, Stanley J., to Sweetie Beverages, Inc. 2,691,477, Cl. 226—98.
- Sabatini, Joseph, Flushing, N. Y. Marker for trouser cuffs. 2,665,483, Jan. 12.
- Sabatiuk, Andrew, to United Aircraft Corp. 2,689,681, Cl. 230—123.
- Sabatka, Winston E.: *See*—
Cady, Stanley S., and Sabatka.
- Sabbagh, Mitchell, Quincy, assignor of one-half to H. Greenblatt, Newton Highlands, Mass. Auxiliary anti-slipping sole. 2,664,650, Jan. 5.
- Sabee, Reinhardt N.: *See*—
Graef, John M., Harwood, and Sabee.
Greiner, Charles J., Graef, Collins, Burger, and Sabee. 2,690,597.
Greiner, Charles J., and Sabee. 2,675,747.
- Sabel, Edward R., and C. R. Mayo, to The Haloid Co. 2,684,901, Cl. 95—1.9.
- Sabine, Maurice, to Societe Lignes Telegraphiques & Telephoniques. 2,695,329, Cl. 174—126.
- Sablé, André, assignor to Societe d'Electro-Chimie, d'Electro-Metallurgie et des Acieries Electriques d'Ugine. 2,678,873, Cl. 23—285.
- Sable, Irving, and A. R. Visitation, assignors to Unique Headboard Company, Inc. 2,678,514, Cl. 45—138.
- Sabo, Albert, Bloomsburg, Pa. Heel operated drum beater pedal apparatus. 2,672,784, Mar. 23.
- Sabo, Stephen, Hammond, Ind., assignor to American Steel Foundries, Chicago, Ill. Brake head. 2,672,957, Mar. 23.
- Sabo, Stephen, to American Steel Foundries. 2,686,352, Cl. 29—152.1.
- Saboda, John S., assignor to Waugh Equipment Company. 2,677,887, Cl. 30—152.
- Saboe, Michael S., Norristown, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion apparatus. 2,669,839, Feb. 23.
- Sabol, John T., to The Ohio Crankshaft Co. 2,689,296, Cl. 219—10.79.
- Sabreen, Bernard S.: *See*—
Hollander, Julius, and Sabreen.
- Sacchi, Hector. 2,696,667, Cl. 32—12.
- Sachanen, Alexander N.: *See*—
Garwood, William E., Seger, and Sachanen. 2,681,905.
Weisz, Paul B., and Sachanen. 2,675,344.
- Sachs, David. 2,684,179, Cl. 221—196.
- Sachs, Maxwell. 2,691,227, Cl. 36—58.5.
- Sachtleben, Lawrence T., Haddonfield, and G. L. Dimmick, Haddon Heights, N. J., assignors to Radio Corporation of America. Color television optical system. 2,672,072, Mar. 16.
- Sack, Henri S.: *See*—
MacNichol, Edward F., Jr., Sack, and Work. 2,697,808.
- Sacken, Donald K., Austin, Tex., assignor to Jefferson Chemical Company, Inc., New York, N. Y. Promoted supported silver surface catalyst and preparing same. 2,671,764, Mar. 9.
- Sacken, Donald K., Austin, Tex., assignor to Jefferson Chemical Company, Inc., New York, N. Y. Producing silver surface catalysts and such catalysts. 2,671,766, Mar. 9.
- Sackett, Herbert S., Windom, Minn. Gate locking device. 2,673,110, Mar. 23.
- Sackman, Lawrence A.: *See*—
Koval, Walter C. 2,694,857.
- Sackner Products, Inc., assignee: *See*—
Boersma, Barney, and Robinson.
Robinson, John S. 2,675,052.
- Sacks, Jack. 2,675,570, Cl. 15—104.10.
- Sackter, Melvin: *See*—
Barany, Edmund, Bauman, and Sackter. 2,688,053.
Barany, Edmund, and Sackter. 2,687,881.
- Saco-Lowell Shops: *See*—
Anderson, Gordon C.
Burnham, Virgil A. 2,686,940.
Burnham, Virgil A., and Adams. 2,689,383.
Curley, Robert S. 2,678,172.
Park, Arthur L. 2,696,653.
Shaw, William, MacLean, and Gregoire. 2,681,478.
- Sacre, Leo D. 2,690,022, Cl. 40—159.
- Sadasky, Anthony. 2,675,530, Cl. 339—77.
- Sadinoff, Max, and A. Holtz. 2,680,482, Cl. 160—344.
- Sadler, Carl L., Jr.: *See*—
Wood, Cyrus F., and Sadler.
- Sadler, Fred S., West Chester, Pa., assignor to The Sharples Corporation. Refining fatty oils. 2,666,074, Jan. 12.
- Sadler, Harry J., and E. E. Cook, Minneapolis, Minn. Pump construction. 2,666,394, Jan. 19.
- Sadowsky, Meier, to Radio Corp. of America. 2,686,734, Cl. 117—33.5.
- Sadowsky, Meier, to Philco Corp. 2,689,804, Cl. 117—64.
- Sadowsky, Meier, and M. G. Groner, to Philco Corp. 2,689,830, Cl. 252—301.4.
- Saeger, Waldemar, to Radio Corp. of America. 2,689,274, Cl. 179—100.2.
- Saelen, Erling. 2,675,465, Cl. 240—73.
- Saeurefabrik Schweizerhall: *See*—
Halm, Eduard, Saladin, and von der Bey. 2,684,393.
- Safe Padlock and Hardware Company, The, assignee: *See*—
Hagstrom, Gotthard. 2,677,266.
- Safety Devices, Inc.: *See*—
Lucas, Andrew J. 2,685,077.
- Safety Fuel & Chemical Corp.: *See*—
Herron, Albert O. 2,684,339.
- Safeway Mining Machine Co.: *See*—
West, John D. 2,684,234.
- Safeway Stores, Inc.: *See*—
Sneed, Robert C. 2,684,748.
Sneed, Robert C. 2,697,516.
Sneed, Robert C., and Jordan. 2,697,550.
- Saffell, Donald E.: *See*—
Butler, Charles L. 2,685,095.
- Saffell, James L. 2,680,476, Cl. 155—189.
- Saffell, Louise B.: *See*—
Butler, Charles L. 2,685,095.
- Saffer, Alfred, to Chempatents, Inc. 2,687,380, Cl. 252—411.
- Saffir, Jacob A., Los Angeles, Calif. Dental cements. 2,665,218, Jan. 5.
- Saffir, Jacob A. 2,677,965, Cl. 73—372.
- Safford, Lewis A., to The New York Air Brake Co. 2,683,261, Cl. 340—327.
- Safir, Sidney R., River Edge, N. J., assignor to American Cyanamid Company, New York, N. Y. Substituted pyrazines and preparing the same. 2,666,054, Jan. 12.
- Safran, Jacob, Los Angeles, Calif. Wheel traction device. 2,664,934, Jan. 5.
- Safranek, William H., W. C. Schickner, and C. L. Faust, to The Battelle Development Corp. 2,692,850, Cl. 204—3.
- Safway Steel Products, Inc., assignee: *See*—
Allen, Arthur F.
Anderson, Arvid A. 2,677,299.
Anderson, Arvid A., and Hauck. 2,676,677.
- Sage, Bruce H., J. McMorris, and G. W. Miller, to the United States of America as represented by the Secretary of the Navy. 2,685,837, Cl. 102—70.2.
- Sage, James H., to Electro-Hydraulics Ltd. 2,690,767, Cl. 137—622.
- Sage, Thomas L.: *See*—
Norris, Lannie F., Timmersman, and Sage. 2,681,747.
- Sager, Karl E.: *See*—
Bletzinger, John C., and Sager. 2,690,598.
- Sager, Leonard E., Dayton, Ohio, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Density responsive valve for carburetors. 2,668,697, Feb. 9.
- Saginaw Furniture Shops, Inc., assignee: *See*—
Gaines, Harry B. 2,679,443.
- Saginaw Manufacturing Company, assignee: *See*—
Gibbert, Charles T.
- Sagner, Walter T., to Underwood Corp. 2,684,146, Cl. 197—63.
- Sagnier Vidal, I. 2,683,300, Cl. 28—51.
- Sagona, Charles. 2,674,806, Cl. 33—147.
- Sahl, Moody S., Chicago, Ill. Scooter airplane. 2,670,155, Feb. 23.
- Sahlen, Henry P., Burbank, Calif. Garment hanger. 2,671,582, Mar. 9.
- Sahyun, Melville. 2,688,552, Cl. 99—111.
- Sahyun, Melville. 2,692,894, Cl. 260—469.
- Sahyun, Melville, J. A. Faust, and L. H. Jules, to Cutter Laboratories, Inc. 2,694,088, Cl. 260—559.
- Saidel, William R. 2,679,970, Cl. 229—27.

- Sainderichin, Nicolas. 2,694,565, Cl. 263—32.
 Sainsbury, Frederick L.: *See*—
 Shakesby, Leonard, and Sainsbury.
 St. Clair, Charles W., assignor to The Coe Manufacturing Company, Painesville, Ohio. Flow control device. 2,667,186, Jan. 26.
 St. Clair, Hal K.: *See*—
 Nolde, George V., and St. Clair. 2,690,303.
 St. Clair, Theodore A., assignor to The Weatherhead Company, Cleveland, Ohio. Flat characteristic regulator. 2,669,071, Feb. 16.
 St. Clair, Theodore A., South Euclid, assignor to The Weatherhead Company, Cleveland, Ohio. Safety relief valve. 2,670,759, Mar. 2.
 St. Clair, Theodore A., assignor to The Weatherhead Company. 2,674,829, Cl. 50—4.
 St. Clair, Theodore A., assignor to Phillips Petroleum Company. 2,678,799, Cl. 251—14.
 St. Clair, Theodore A., to The Weatherhead Co. 2,683,464, Cl. 137—540.
 St. Clair, Theodore A., to The Weatherhead Co. 2,687,140, Cl. 137—113.
 St. Clair, Theodore A., to The Weatherhead Co. 2,687,143, Cl. 137—525.5.
 St. Croix Manufacturing Company, assignee: *See*—
 Lehman, Albert W.
 St. Denis, Harold J.: *See*—
 Robinson, Preston, and St. Denis. 2,682,626.
 St. Germain, Agenor E. 2,678,454, Cl. 12—24.5.
 St. John, Everett. 2,677,863, Cl. 24—127.
 St. John, Roscoe N., to The Coleman Co., Inc. 2,681,102, Cl. 158—91.
 St. John, Willard M., Jr., to Phillips Petroleum Co. 2,682,530, Cl. 260—84.3.
 St. Joseph Lead Co.: *See*—
 Isbell, William T. 2,682,332.
 St. Louis, James A., Cleveland Heights, and J. M. Pomfrett, Willoughby, Ohio, assignors to General Electric Company. Electric discharge lamp mount. 2,671,183, Mar. 2.
 St. Palley, Zoltan O. 2,674,026, Cl. 29—67.
 St. Palley, Zoltan O. 2,687,560, Cl. 29—67.
 St. Palley, Zoltan O., and L. I. Rivard. 2,690,756, Cl. 134—56.
 St. Pe, Richard E.: *See*—
 Gouner, Leonidas E. 2,696,377.
 St. Pierre, Eugene: *See*—
 Bouthilliet, Antonio, and St. Pierre. 2,676,474.
 St. Pierre, Eugene, assignor to Hemphill Company. 2,679,149, Cl. 66—138.
 St. Pierre, Eugene, assignor to Hemphill Company. 2,679,737, Cl. 66—50.
 St. Pierre, Eugene, assignor to Hemphill Company. 2,680,361, Cl. 66—28.
 St. Pierre, Eugene, assignor to Hemphill Company. 2,680,365, Cl. 66—153.
 St. Pierre, Eugene, Pawtucket, and J. Wawzonek, Cumberland, assignors to Hemphill Company, Pawtucket, R. I. Mechanism for double sole trimming. 2,667,053, Jan. 26.
 St. Pierre, Henry. 2,680,514, Cl. 206—47.
 St. Pierre, Henry. 2,697,468, Cl. 152—245.
 St. Regis Paper Co.: *See*—
 Burroughs, Edwin E. 2,690,120.
 Messinger, William, and Volkmann. 2,674,222.
 Peterson, William R. 2,674,396.
 Peterson, William R. 2,687,244.
 Peterson, William R., and Penrod.
 Ryan, Patrick P., and Shepardson. 2,688,576.
 Schmitt, George F., and Werberig. 2,688,606.
 St. Thomas Inc., assignee: *See*—
 St. Thomas, James W. 2,674,290.
 St. Thomas, James W., assignor to St. Thomas Inc. 2,674,290, Cl. 150—39.
 St-West, Inc.: *See*—
 Stehlin, Theodore A. 2,688,340.
 Saives, Léon, to Regie Nationale des Usines Renault. 2,685,169, Cl. 60—54.
 Saives, Léon, to Regie Nationale des Usines Renault. 2,695,789, Cl. 279—106.
 Sajatovich, Thomas S., Cleveland, Ohio. Conicograph. 2,669,022, Feb. 16.
 Saks, Marvin: *See*—
 Schultz, Abraham Y., H., and S., and Saks.
 Saks, Walter R. 2,691,611, Cl. 154—77.
 Saladin, Otto: *See*—
 Halm, Eduard, Saladin, and von der Bey. 2,684,393.
 Salamonovich, George M., to North American Aviation, Inc. 2,686,282, Cl. 318—162.
 Salathiel, Richard A., to Standard Oil Development Co. 2,681,312, Cl. 252—8.5.
 Salathiel, Richard A., to Standard Oil Development Co. 2,697,692, Cl. 252—8.5.
 Salati, Octavio M., Philadelphia, Pa., assignor to the United States of America as represented by the Secretary of the Army. Important quantity selecting circuit. 2,666,152, Jan. 12.
 Salaun, Pierre, and P. Lyonnet. 2,683,244, Cl. 317—5.
 Salauze, Jean, to Societe des Accumulateurs Fixes & de Traction. 2,683,181, Cl. 136—23.
 Salauze, Jean, to Societe des Accumulateurs Fixes & de Traction. 2,683,182, Cl. 136—23.
 Salazar, Miguel N. 2,676,772, Cl. 244—113.
 Saldana, Juan A. 2,691,176, Cl. 5—93.
 Salem-Brosius, Inc.: *See*—
 Smith, William I. 2,689,121.
 Saler, Jules N., to Westinghouse Electric Corp. 2,691,871, Cl. 62—115.
 Salerno Machinery Co.: *See*—
 Brandt, John R. 2,686,482.
 Saliba, Edward M. 2,679,987, Cl. 242—66.
 Saliba, George J., and M. M. Gruber, to Presto Recording Corp. 2,683,038, Cl. 274—4.
 Salierno, Vincent. 2,696,756, Cl. 88—41.
 Salimbeni, Gherardo B. 2,691,757, Cl. 324—1.
 Salinas Laboratories, Inc.: *See*—
 Macey, James G. 2,684,903.
 Salisbury, Fred R. 2,690,570, Cl. 5—3.
 Salisbury, Frederick L., Lynbrook, N. Y., assignor to The Sperry Corporation. Coaxial line coupling. 2,673,233, Mar. 23.
 Salisbury, Winfield W., assignor to Collins Radio Company, Cedar Rapids, Iowa. Cyclotron tuning apparatus. 2,669,653, Feb. 16.
 Salisbury, Winfield W., to Collins Radio Co. 2,688,107, Cl. 315—4.
 Salisbury, Winfield W., to Collins Radio Co. 2,691,118, Cl. 315—6.
 Sallé, Maurício. 2,682,842, Cl. 112—79.
 Sallé, Raoul, to Société Fichet Beau & Cie. 2,685,192, Cl. 70—358.
 Sallis, Daniel V. 2,676,716, Cl. 214—84.
 Salmen, George, Los Angeles, Calif. Vehicular apparatus for removing snow and ice from streets and the like. 2,671,281, Mar. 9.
 Salminen, Ilmari F.: *See*—
 Barr, Charles R., Salminen, and Weissberger. 2,678,882.
 McCrossen, Fred C., Salminen, and Weissberger. 2,688,544.
 Salminen, Ilmari, and A. Weissberger, to Eastman Kodak Co. 2,694,635, Cl. 95—6.
 Salminen, Ilmari, and A. Weissberger, to Eastman Kodak Co. 2,694,718, Cl. 260—310.
 Salmon, Percy G.: *See*—
 Carmichael, Hugh, and Salmon. 2,677,773.
 Salmon, Reginald D., assignor to Creed and Company, Limited. 2,675,425, Cl. 178—33.
 Salmon, Reginald D., L. S. Munck, and F. J. L. Turner, assignors to Creed and Company Limited, Croydon, England. Printing telegraph apparatus. 2,669,602, Feb. 16.
 Salmikov, Ivan S., to Standard Oil Development Co. 2,693,085, Cl. 61—72.
 Salo, Henry W., Seattle, Wash. Structural unit and structure. 2,665,455, Jan. 12.
 Salsbury's, Dr., Laboratories, assignee: *See*—
 Zbornik, Thomas W., and Slagle.
 Salstrom Carving Machine Company, assignee: *See*—
 Salstrom, David B. and D. N.
 Salstrom, David B., Chicago, and D. N. Salstrom, Wheaton, assignors to Salstrom Carving Machine Company, Chicago, Ill. Pattern controlled shaping machine. 2,667,901, Feb. 2.
 Salstrom, David N.: *See*—
 Salstrom, David B. and D. N.
 Saltarelli, Cedio S. 2,688,741, Cl. 340—225.
 Salter Machine Company, assignee: *See*—
 Emmons, William J., and Gallagher.
 Salter, Wilfred J., to Ventura Farms Frozen Foods, Inc. 2,690,832, Cl. 198—34.
 Salton, Lewis L. 2,678,372, Cl. 219—19.
 Saltz, Julian, and C. S. Warren, to Radio Corp. of America. 2,691,156, Cl. 340—174.
 Saltzman, Abraham: *See*—
 Rosenak, Stephen S., Saltzman, and Hutchings. 2,683,117.
 Saltzman, Philip A. 2,689,149, Cl. 299—17.
 Salvador, Odette J.: *See*—
 Henquet, André J., and Salvador. 2,683,214.
 Salvatori, Joseph L., Pittsburgh, assignor to R. G. Ellas, Jennerstown, Pa. Piston for hydraulic brakes. 2,665,179, Jan. 5.
 Salvatori, Henry, and H. V. Stewart, to Grant Oil Tool Co. 2,695,771, Cl. 255—73.
 Salvin, Victor S., Irvington, and E. F. Landau, South Orange, N. J., assignors to Celanese Corporation of America, New York, N. Y. Anthraquinones. 2,672,464, Mar. 16.
 Salvin, Victor S., and J. R. Adams, Jr., to Celanese Corp. of America. 2,687,941, Cl. 8—57.
 Salzberg, Paul L.: *See*—
 Berry, Kenneth L., and Salzberg. 2,692,868.
 Foster, Robert E., and Salzberg. 2,676,187.
 Salzer, Erwin: *See*—
 Jansson, Gustav E., and Salzer. 2,676,285.
 Kozacka, Frederick J., Swain, and Salzer. 2,681,398.
 Salzman, Paul. 2,680,258, Cl. 12—129.1.
 Sam, Sam W. 2,682,354, Cl. 222—95.
 Sam, Sam W. 2,685,679, Cl. 339—258.
 Saman, Jules, assignee: *See*—
 Samek, Charles T.: *See*—
 Jensen, Rhinehardt M., and Samek. 2,682,859.
 Samer, Rudolf W.: *See*—
 Anderson, William T., Jr., and Samer. 2,687,489.
 Lewis, Frederic M.
 Samiran, David, to Bowser, Inc. 2,698,191, Cl. 285—86.
 Samko, Alexander, 1/2 to J. Masip and 1/2 to A. Gandon. 2,684,529, Cl. 30—32.

- Samko, George. 2,677,136, Cl. 5—109.
- Sammons, Charles W., and J. W. Fisher, to Celanese Corp. of America. 2,685,497, Cl. 8—115.5.
- Sammons, Gertrude W., assignee: *See*—Wright, Rex. 2,678,832.
- Samolewitz, Hans W.: *See*—Wolfe, Howard, and Samolewitz. 2,696,064.
- Sampatacos, Peter M., assignor to The Torrington Manufacturing Company, Torrington, Conn. Means for simultaneously feeding two wires. 2,668,615, Feb. 9.
- Sampatacos, Peter M., and E. E. Franks, Jr., to The Torrington Mfg. Co. 2,697,470, Cl. 153—64.
- Sampietro, Achille Carlo, known as Achilles Charles Sampietro. 2,697,360, Cl. 74—230.2.
- Sampietro, Achilles Charles: *See*—Sampietro, Achille Carlo. 2,697,360.
- Sample-Durick Company, Incorporated, assignee: *See*—Hanson, Wallace E. 2,675,913.
- Sampsell, Ralph R. 2,691,534, Cl. 280—414.
- Sampson, Ernest S., to General Electric Co. 2,683,852, Cl. 321—18.
- Sampson, Frederick W.: *See*—Harris, Edward P., and Sampson.
- Sampson, Julian E., St. Louis, Mo. Safety pin. 2,667,676, Feb. 2.
- Sampson, Richard E., to Bigelow-Liptak Corp. 2,694,370, Cl. 110—7.
- Sampson, Richard E., to Bigelow-Liptak Corp. 2,694,371, Cl. 110—7.
- Sams, Fred V., assignor to Allis-Chalmers Manufacturing Company. 2,674,283, Cl. 144—208.
- Sams, Martin, and H. Feldman. 2,675,531, Cl. 339—100.
- Sams, Robert H.: *See*—Baker, Chester L., and Sams. 2,681,290.
- Samsel, Richard W., to General Electric Co. 2,683,866, Cl. 340—10.
- Samson United Corporation, assignee: *See*—Rouse, George H., and Layton.
- Samuel, Charles A. 2,686,402, Cl. 60—54.6.
- Samuel, Charles A. 2,686,403, Cl. 60—54.6.
- Samuel Stamping & Enameling Co.: *See*—Solomon, Ralph E. 2,681,649.
- Samuels, Abe O., to Maryland Devices, Inc. 2,685,989, Cl. 222—394.
- Samuels, Martin L., assignor to Reflector Hardware Corporation, Chicago, Ill. Hanger and spacer bracket. 2,665,869, Jan. 12.
- Samuels, Martin L., to United States Pipe and Foundry Co. 2,689,990, Cl. 22—200.5.
- Samuelson, Gilbert J.: *See*—Blair, Charles M., Jr., Lehmann, and Samuelson. 2,698,303.
- San Antonio Trunk Co.: *See*—Amick, Chevis T. 2,693,259.
- Sanborn, Robert H., Rock Creek, Ohio. Wheeled device for transporting boats. 2,664,577, Jan. 5.
- Sanda, Laddie A., to Ark-Les Switch Corp. 2,686,851, Cl. 200—16.
- Sandberg, Einar G., Chicago, Ill., assignor, by mesne assignments, to United Mattress Machinery Company, Quincy, Mass. Stapling machine. 2,673,344, Mar. 30.
- Sandberg, Herbert J.: *See*—Coulbourn, William C., and Sandberg. 2,694,927.
- Sandberg, Neils H., to Waldorf Paper Products Co. 2,696,904, Cl. 198—52.
- Sandberg, Oscar, Toledo, Ohio, assignor to Lynch Corporation, Anderson, Ind. Article transfer machine. 2,667,258, Jan. 26.
- Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Straight pull brake lever structure. 2,666,338, Jan. 19.
- Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Making heat exchangers. 2,666,981, Jan. 26.
- Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Straight pull brake lever assembly. 2,669,884, Jan. 23.
- Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Apparatus for securing together a plurality of sheets. 2,671,361, Mar. 9.
- Sandberg, Ray A., to Houdaille-Hershey Corp. 2,691,608, Cl. 148—15.5.
- Sandberg, Rolf A. F., Queens Village, and F. G. Wikstrom, Valley Stream, assignors to Western Electric Company, Incorporated, New York, N. Y. Article feeding apparatus. 2,668,219, Feb. 2.
- Sandelin, Olle E. 2,683,289, Cl. 19—69.
- Sanden, Lloyd H., to Allis-Chalmers Mfg. Co. 2,692,968, Cl. 322—28.
- Sander, Ernst, to Giovanni Mastracchi-Manes. 2,696,032, Cl. 24—201.
- Sander, Eugene. 2,686,450, Cl. 84—380.
- Sander, Vernon A., University City, assignor, by mesne assignments, to A. B. Chance Company, Centralia, Mo. Fuse link. 2,665,349, Jan. 5.
- Sanders, David L., Jr. 2,689,699, Cl. 244—155.
- Sanders, Eric L., to Eastman Oil Well Survey Co. 2,687,282, Cl. 255—1.6.
- Sanders, Genevieve A. 2,675,273, Cl. 302—27.
- Sanders, Herbert L., E. A. Knaggs, and M. L. Nussbaum. 2,696,453, Cl. 167—30.
- Sanders, Lucile C. 2,694,199, Cl. 2—49.
- Sanders, Walter F., Tacoma, Wash. Hydraulic clutch-transmission mechanism. 2,670,827, Mar. 2.
- Sanders, William E. 2,674,668, Cl. 200—61.89.
- Sanderson, Arland J. 2,685,876, Cl. 126—271.1.
- Sanderson, Glen E., assignor to Lockheed Aircraft Corporation. 2,677,270, Cl. 73—70.
- Sanderson, Kenyon B. 2,696,323, Cl. 220—5.
- Sandin, Jerome: *See*—Sandkaulen, Hans M., Solingen-Merscheid, Germany. Setting device. 2,669,163, Feb. 16.
- Sandner, Walter J.: *See*—Ayers, George W., and Sandner. 2,679,471.
- Sandor, George N.: *See*—Faerber, Harry W., and Sandor. 2,686,552.
- Faerber, Harry W., and Sandor. 2,687,762.
- Sandor, William C.: *See*—Neely, William H., and Sandor.
- Sandorff, Paul E., to Lockheed Aircraft Corp. 2,688,772, Cl. 18—48.
- Lingal, Harry J., and Sandin. 2,691,709.
- Sandoz A. G.: *See*—Grandjean, Philippe, and Wehrli.
- Gutzwiller, Ernst. 2,688,028.
- Ruckstuhl, Hans, Senn, and Wehrli.
- Stoll, Arthur, and Petrzilka.
- Sandoz Ltd.: *See*—Jaccard, Gaston, and Stockar. 2,695,892.
- Sandri, Franco. 2,691,219, Cl. 32—5.
- Sandrock, Paul W., and G. C. Fratz, assignors to Kipton Industries, Inc., Kipton, Ohio. Tool handle attachment. 2,672,066, Mar. 16.
- Sands, Eugene A.: *See*—Orr, Lyman W., and Sands. 2,698,399.
- Sands, Gordon C., Havre, Mont. Spraying attachment for airplanes. 2,665,092, Jan. 5.
- Sands, Hillard J.: *See*—Blanke, Nathan E., and Sands. 2,679,653.
- Blanke, Nathan E., and Sands. 2,686,322.
- Sands, Roy G., to Automatic Electric Laboratories, Inc. 2,695,377, Cl. 317—66.
- Sands, William F., assignor to Radio Corporation of America. 2,679,007, Cl. 250—36.
- Sands, William J.: *See*—Ferguson, Henry G., Chambers, and Sands. 2,689,513.
- Sandvikens Jernverks Aktiebolag: *See*—Haglund, Didrik W. 2,689,108.
- Lofqvist, Bengt E. R. 2,685,462.
- Sandy Hill Iron & Brass Works, The: *See*—Townsend, Edward. 2,691,325.
- Saner, William R.: *See*—Alles, Francis P., and Saner. 2,698,239.
- Alles, Francis P., and Saner. 2,698,240.
- Saner, William R., to E. I. du Pont de Nemours and Co. 2,698,241, Cl. 95—9.
- Saner, William R., to E. I. du Pont de Nemours and Co. 2,698,242, Cl. 95—9.
- Sanford, Alfred F., II, assignor to The Sanford Investment Company. 2,675,135, Cl. 214—58.
- Sanford, Emil, to Allen B. Du Mont Laboratories, Inc. 2,682,620, Cl. 313—70.
- Sanford, Emil E., to Allen B. Du Mont Laboratories, Inc. 2,695,975, Cl. 315—27.
- Sanford, George C. 2,686,972, Cl. 33—37.
- Sanford, George E. 2,694,203, Cl. 2—144.
- Sanford, Hugh W., assignor to The Sanford Investment Company. 2,674,383, Cl. 214—58.
- Sanford Investment Company, The, assignee: *See*—Sanford, Alfred F., II. 2,675,135.
- Sanford, Hugh W. 2,674,383.
- Sanford, Roy S., to The Autoyre Co., Inc. 2,681,172, Cl. 229—30.
- Sanford, William F.: *See*—Benoit, Joseph E., and Sanford.
- Sangamo Electric Co.: *See*—Barnes, Herbert O. 2,693,371.
- Holtz, Frederick C. 2,693,991.
- Lovegrove, Henry J., and McBride.
- Waite, Griffin G., and Fog. 2,691,763.
- Sangster, William A.: *See*—Castor, Thomas D., Leisy, and Sangster.
- Sanguineti, Emanuele, Genoa, Italy. Collapsible ladder, double ladder, and stepladder. 2,670,120, Feb. 23.
- Sanicom Company, Inc., assignee: *See*—Arvintz, Abraham A., Arvins, and Arvintz.
- Sanitary Scale Company, assignee: *See*—Karp, Edward C., and Berglund. 2,678,021.
- Sankey, Charles A.: *See*—Marshall, Harry B., and Sankey. 2,686,120.
- Sankyo Kabushiki Kaisha, assignee: *See*—Yoshida, Shigeru, and Unoki. 2,676,175.
- Sanowski, Albert, Chicago, Ill. Step-by-step operated combination lock. 2,665,577, Jan. 12.
- Sanson Hosiery Mills, Inc., assignee: *See*—Sanson, Stanton D.
- Sanson, Stanton D., Elkins Park, assignor to Sanson Hosiery Mills, Inc., Philadelphia, Pa. Detachable hosiery ornament. 2,667,004, Jan. 26.
- Santana, Robert. 2,693,900, Cl. 223—68.
- Santana, Robert, and R. Perez. 2,693,989, Cl. 312—305.
- Santarsiero, Anthony V., Bronx, assignor to C. Cherico, New York, and S. L. Saunders, Carmel, N. Y. Removable attachment for laboratory waste drain fittings. 2,671,909, Mar. 16.
- Santay Corp.: *See*—Krusemark, Frederick A. 2,681,700.

- Santelli, Thomas R.: *See*—
Davidson, John B., and Santelli. 2,680,073.
- Santini, Danilo, P. C. Kelper, and M. Fink, assignors to Westinghouse Electric Corporation. 2,674,348, Cl. 187—29.
- Santoro, Lawrence. 2,681,780, Cl. 248—45.
- Sanz, Manuel C., and J. Castelfranco, assignors to North American Aviation, Inc. 2,676,773, Cl. 244—135.
- Sanzone, Edward, New Haven, Conn. Supplemental accordion support. 2,671,373, Mar. 9.
- Sanzone, Edward J., and B. L. Goldwater. 2,676,239, Cl. 219—40.
- Sapolin Paints, Inc., assignee: *See*—
Engel, John P.
- Saponara, Domenick, Spring City, assignor to The Floyd Wells Company, Royersford, Pa. Combination gas and oil range. 2,669,985, Feb. 23.
- Sapp, John P.: *See*—
Sternad, Frank S., and Sapp. 2,679,884.
- Sapp, John P., and F. S. Sternad, assignors to The B. F. Goodrich Company. 2,679,885, Cl. 154—9.
- Sapp, John P., and F. S. Sternad, assignors to The B. F. Goodrich Company. 2,679,886, Cl. 154—9.
- Sappey, Harold: *See*—
Alstadt, Benjamin, and Sappey.
- Saraga, Wolja, to Telephone Mfg. Co. Ltd. 2,698,420, Cl. 333—28.
- Sarah, Thomas F., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Automatic fishing reel. 2,672,217, Mar. 16.
- Sarah, Thomas F., assignor to The Enterprise Manufacturing Company. 2,676,769, Cl. 242—84.4.
- Sarazin, Gilles F., Paris, France. Vibration damper. 2,664,763, Jan. 5.
- Sarazin, Gilles F. 2,694,947, Cl. 74—57.4.
- Sarbach, Donald V., assignor to The B. F. Goodrich Company. 2,676,636, Cl. 152—330.
- Sardeson, Robert, to Pako Corp. 2,690,327, Cl. 257—10.
- Sargatz, Earl H., assignor to Remington Rand Inc. 2,675,111, Cl. 197—63.
- Sarge, Theodore W., and F. H. Justin, to The Dow Chemical Co. 2,695,427, Cl. 18—57.
- Sargeant, Walter E., and S. Erwin, deceased (by K. S. Erwin, administratrix), assignors to General Motors Corporation. 2,674,713, Cl. 321—19.
- Sargeant, Walter E., and E. F. Weller, Jr., to General Motors Corp. 2,688,127, Cl. 340—268.
- Sargent, Donald E.: *See*—
Copenhaver, John W., and Sargent.
- Sargent, Donald E., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Preparation of azo dye images in photographic materials. 2,671,023, Mar. 2.
- Sargent, Donald E., Easton, Pa., and J. C. Bailar, Jr., Urbana, Ill., assignors to General Aniline & Film Corporation, New York, N. Y. Polyvinyl alcohol gels and photographic silver halide emulsions containing beryllium compounds. 2,671,022, Mar. 2.
- Sargent, E. H., & Co., assignee: *See*—
Sherrick, Paul H.
- Sargent, Ernest J. 2,678,094, Cl. 160—295.
- Sargent, Herbert: *See*—
Ladd, Elbert C., and Sargent. 2,688,043.
- Sargent, Warren M., Ferndale, Mich. Lawn mower. 2,673,441, Mar. 30.
- Sargeson, John, Long Branch, Ontario, Canada. Artificial hand. 2,668,959, Feb. 16.
- Saricks, Joseph G.: *See*—
Thomas, Orrin H. 2,682,651.
- Sarnecki, Chester C.: *See*—
Smith, William M., and Sarnecki. 2,686,043.
- Sarkes Tarzian, Inc., assignee: *See*—
Krepps, James E., Jr.
- Sarkissian, Antranig D. 2,696,632, Cl. 16—52.
- Saroff, Harry A., and G. H. L. Dillard. 2,675,349, Cl. 210—8.5.
- Sartain, Louis E.: *See*—
Carter, Edward H., and Sartain. 2,682,560.
- Sartori, Mario F., assignor to E. I. du Pont de Nemours and Company. 2,680,114, Cl. 260—256.5.
- Sartori, Mario F., to E. I. du Pont de Nemours and Co. 2,687,939, Cl. 8—55.
- Sartori, Mario F., to E. I. du Pont de Nemours and Co. 2,687,940, Cl. 8—55.
- Sartori, Osvaldo F. 2,689,579, Cl. 135—4.
- Sassetti, Charles, assignor, by mesne assignments, to J. Kelleher. 2,677,338, Cl. 109—59.
- Sassmanhausen, Lee C. 2,694,445, Cl. 158—118.
- Satinoff, David, Utica, N. Y., assignor to the United States of America as represented by the Secretary of the Air Force. Electron tube socket with replaceable by-pass capacitors. 2,667,573, Jan. 26.
- Sato, Takeo, Honolulu, Hawaii. Concrete deck and wall form construction. 2,667,680, Feb. 2.
- Sato, Yoshio: *See*—
Mosettig, Erich, Sato, and Katz. 2,684,365.
- Satterthwaite, Arlo D.: *See*—
Clayton, Harold H., and Satterthwaite.
- Sattler, George A.: *See*—
Heckathorn, Loyd E., and Whitcomb. 2,687,680.
- Sattler, Lola T. 2,675,726, Cl. 84—279.
- Sattler, Maria A.: *See*—
Heckathorn, Loyd E., and Whitcomb. 2,687,680.
- Satz, William, Los Angeles, Calif. Manually removable closure. 2,671,572, Mar. 9.
- Sauder, John D., Oyster Point, Pa. Power-actuated hoeing equipment. 2,669,170, Feb. 16.
- Sauer, John C.: *See*—
Herrick, Elbert C., and Sauer.
- Sauer, John C., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Vinyl esters of hydrocarbonsulfonic acids and polymers thereof. 2,667,469, Jan. 26.
- Sauer, John C., to E. I. du Pont de Nemours and Co. 2,686,173, Cl. 260—85.5.
- Sauermilch, Walter: *See*—
Mathes, Wilhelm, and Sauermilch. 2,698,328.
- Sauers, E. W., assignee: *See*—
Smith, David C. 2,677,263.
- Saul, Howard W.: *See*—
Saul, John E., Sr. 2,685,198.
- Saul, John E., Sr., to H. W. Saul. 2,685,198, Cl. 73—113.
- Saulez, Kenneth J.: *See*—
Flurscheim, Cedric H., Sillars, and Saulez. 2,675,505.
- Saulino, Anthony J.: *See*—
Madison, Knowles K., Bull, and Saulino. 2,695,424.
- Saulnier, Raymond, Paris, France. Emergency pilot ejector. 2,671,622, Mar. 9.
- Saulnier, Theodore A., to Radio Corp. of America. 2,684,892, Cl. 41—42.
- Saunders, Alfred P., assignor to Wildt and Company Limited. 2,676,473, Cl. 66—96.
- Saunders, Carmen V.: *See*—
Saunders, Harold A., and C. V. 2,674,227.
- Saunders, Frank S.: *See*—
Hailer, Albert H., and Saunders.
- Saunders, George L., Kennewick, Wash. Means for mounting blades on hand implements. 2,665,434, Jan. 12.
- Saunders, Gerald B., and G. L. Corum. 2,683,019, Cl. 254—29.
- Saunders, Harold A., and C. V., assignors to Midstate Manufacturing Company. 2,674,227, Cl. 119—73.
- Saunders, Harold F., and F. C. Verduin, to The Sherwin-Williams Co. 2,683,658, Cl. 71—1.
- Saunders, Harry B. 2,691,404, Cl. 155—36.5.
- Saunders, Henry B., to Grand Sheet Metal Products Co. 2,685,040, Cl. 307—132.
- Saunders, James H.: *See*—
Slocombe, Robert J., and Saunders. 2,680,128.
- Saunders, Kenneth W.: *See*—
Sullivan, Frank A. V., and Saunders. 2,684,388.
- Saunders, Laurence P. 2,675,239, Cl. 273—149.
- Saunders, Marcellus G., Jr., to The Bahnson Co. 2,685,246, Cl. 98—40.
- Saunders, Norman B.: *See*—
Ziffer, Garret F., and Saunders. 2,678,965.
- Saunders, Orson V., assignor to General Motors Corporation, Dayton, Ohio. Removable unit in refrigerating apparatus. 2,672,029, Mar. 16.
- Saunders-Singer, Arthur E. 2,680,397, Cl. 88—40.
- Saunders, Stephan L., assignee: *See*—
Santarsiero, Anthony V.
- Saunders, William P., assignor to The Dow Chemical Company. 2,678,267, Cl. 75—135.
- Sauppe, Benton J. 2,692,393, Cl. 4—57.
- Saurefabrik Schweizerhall: *See*—
Frey, Walter. 2,678,889.
- Frey, Walter. 2,682,445.
- Frey, Walter, and Weber. 2,675,890.
- Saurenman, Dean F., and P. E. Hilton, Houston, Tex., assignors to Baker Oil Tools, Inc., Vernon, Calif. Casting scraper. 2,667,930, Feb. 2.
- Sauter, August, Kg. Fein- und Schnellwaagen-Fabrik: *See*—
Wolter, Kurt. 2,694,566.
- Sauvage, Henri, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. 2,682,221, Cl. 102—28.
- Sauvage, Henri, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. 2,685,836, Cl. 102—30.
- Savage, Conwell, New York, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Elevator inductor switch. 2,666,111, Jan. 12.
- Savage, Edgar E., to North American Aviation, Inc. 2,692,607, Cl. 137—99.
- Savage, Richard M., Colonie, N. Y., assignor to General Electric Company. Gamma alumina filled silicone rubber. 2,671,069, Mar. 2.
- Savage, William E.: *See*—
Skinner, John R., and Savage. 2,681,314.
- Savarese, Ferdinand B.: *See*—
Mack, Gerry P., and Savarese. 2,684,973.
- Savels, Edward H., and R. A. Miller, assignors to Camfield Manufacturing Company. 2,680,403, Cl. 99—329.
- Savenkoff, William J. 2,681,535, Cl. 55—3.
- Savery, Clarence H., to Kelsey-Hayes Wheel Co. 2,689,748, Cl. 280—113.
- Savidge, Leslie N., and R. Thomas, to Lever Brothers Co. 2,690,453, Cl. 260—507.
- Savino, Henry C. 2,679,335, Cl. 235—61.
- Savitz, Christian W.: *See*—
Brixius, Jacob K., and Savitz. 2,675,091.
- Savitzky, Abraham, and R. S. Halford, to The Perkin-Elmer Corp. 2,680,989, Cl. 88—14.

- Sawa Fabrik Aktiebolag, assignee: *See*—
Sjöblom, Edvin H.
- Sawdey, George W., to Eastman Kodak Co. 2,685,512, Cl. 95—8.
- Sawdey, Neil T., assignor to The Pipe Machinery Company, 2,679,057, Cl. 10—96.
- Sawyer, Charles H. V.: *See*—
Norman, William S., and Sawyer.
- Sawyer, Claude B., Jr.: *See*—
Herman, Irving, and Sawyer. 2,697,871.
- Sawyer, Earl P. 2,689,612, Cl. 166—139.
- Sawyer, Edith F., administratrix: *See*—
Sawyer, Edward E. 2,686,141.
- Sawyer, Edward E., deceased, E. F. Sawyer, administratrix, to Keyes Fibre Co. 2,686,141, Cl. 154—101.
- Sawyer, Frederick D.: *See*—
Kuhary, Emery E., and Sawyer. 2,681,536.
Kuhary, Emery E., and Sawyer. 2,685,160.
Kuhary, Emery E., and Sawyer. 2,685,453.
Lock, Donald S., MacDonald, Sawyer, and Witt. 2,691,861.
Miller, Raymond J., Sawyer, and Witt.
- Sawyer, Frederick D., Wayne, assignor to Dearborn Motors Corporation, Birmingham, Mich. Stalk shredder hammer and spacer. 2,669,819, Feb. 23.
- Sawyer, Frederick D., Wayne, assignor to Dearborn Motors Corporation, Birmingham, Mich. Implement hitch guide. 2,673,507, Mar. 30.
- Sawyer, Frederick D., assignor, by mesne assignments, to Ford Motor Company. 2,675,169, Cl. 97—47.14.
- Sawyer, Frederick D., Wayne, and R. H. Witt, Royal Oak, assignors, by mesne assignments, to Ford Motor Company, Dearborn, Mich. Crop stripping means. 2,673,439, Mar. 30.
- Sawyer, Frederick D., Birmingham, and R. H. Witt, Royal Oak, assignors, by mesne assignments, to Ford Motor Company, Dearborn, Mich. Crop stripping means. 2,673,440, Mar. 30.
- Sawyer, Frederick D., and R. H. Witt, assignors, by mesne assignments, to Ford Motor Company. 2,674,079, Cl. 56—30.
- Sawyer, Frederick D., and E. E. Kuhary, to Ford Motor Co. 2,691,932, Cl. 97—47.14.
- Sawyer, John C.: *See*—
Matthews, Carroll F., and Sawyer. 2,684,328.
- Sawyer, John W., Arlington, Va. Shaft sealing device. 2,665,929, Jan. 12.
- Sawyer, Marshall W., H. W. Wilson, Jr., R. G. Kenway, and J. S. Overholser, said Kenway and said Overholser to said Sawyer and said Wilson. 2,697,543, Cl. 226—49.
- Sawyer, Max, and E. A. Rutherford, assignors to Rutherford & Sawyer Mfg. Co. 2,679,402, Cl. 280—41.
- Sawyer's Inc., assignee: *See*—
Smith, Gordon N.
Smith, Gordon N. 2,677,999.
Smith, Gordon N. 2,680,400.
- Sax, Leonard B., assignee: *See*—
Kingsbury, Thomas.
- Sax, Max, to Container Mfg. Co. 2,682,138, Cl. 53—11.
- Saxe, Walter E., assignor to The Conveyor Company, Inc. 2,675,128, Cl. 210—196.
- Saxe, Walter E., to The Conveyor Co., Inc. 2,681,763, Cl. 235—61.
- Saxe, Walter E., to The Conveyor Co., Inc. 2,687,037, Cl. 73—32.
- Saxe, Walter E., to The Conveyor Co., Inc. 2,687,799, Cl. 198—192.
- Saxer, August, assignee: *See*—
Kralowetz, Bruno.
Kralowetz, Bruno. 2,674,926.
- Saxer, Theodor. 2,680,399, Cl. 90—13.4.
- Saxl, Erwin J. 2,687,453, Cl. 200—32.
- Saxon, Arthur F., to Blaw-Knox Co. 2,684,274, Cl. 308—187.1.
- Saxton, Millard F., assignor to The Engineered Products Co., Flint, Mich. Atomizing device. 2,668,084, Feb. 2.
- Saxton, Millard F., and C. S. Comey, to The Engineered Products Co. 2,686,071, Cl. 292—71.
- Sayers, James: *See*—
Randall, John T., Sayers, Boot, and Dawton. 2,680,827.
- Saykay, Joseph J., Sea Cliff, N. Y. Electrical keyboard. 2,665,336, Jan. 5.
- Sayko, Andrew F., and D. W. Young, to Standard Oil Development Co. 2,681,301, Cl. 196—14.11.
- Sayles Finishing Plants, Inc.: *See*—
Russell, William W., and Allen. 2,689,194.
- Sayles, Raymond E., Kansas City, Mo. Cloth cutter for cloth spreading machines and having reciprocable cutter disks. 2,670,040, Feb. 23.
- Saywell Associates: *See*—
Jones, Arthur B., Jr. 2,689,772.
- Sbarra, Caroline M.: *See*—
Sbarra, Dominic G. and C. M. 2,688,752.
Sbarra, Dominic G. 2,680,021, Cl. 272—73.
Sbarra, Dominic G. and C. M. 2,688,752, Cl. 2—113.
- Sbrana, Luigi: *See*—
Michellini, Leo A. 2,691,063.
- Scace, Steven E., to Speedway Mfg. Co. 2,683,336, Cl. 51—170.
- Scace, Steven E., to Speedway Mfg. Co. 2,683,337, Cl. 51—189.
- Scag, Dane T., assignor to Allis-Chalmers Manufacturing Company. 2,675,485, Cl. 250—84.
- Scag, Dane T., to Allis-Chalmers Mfg. Co. 2,695,978, Cl. 317—200.
- Scalera, Mario, Somerville, and S. M. Tsang, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Manufacture of resorcylic acid. 2,669,581, Feb. 16.
- Scalera, Mario, Somerville, and A. W. Joyce, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Triazine anthrimide carbazole vat dyes. 2,671,786, Mar. 9.
- Scalera, Mario, and H. E. Westlake, Jr., Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. New vat dye of the pyrazolanthranyl benzanthrone series. 2,673,851, Mar. 30.
- Scalera, Mario, and F. H. Adams assignors to American Cyanamid Company. 2,675,376, Cl. 260—157.
- Scales, Frank J. 2,675,012, Cl. 134—85.
- Scales, Freeman M. 2,677,630, Cl. 134—23.
- Scalf, William D., Barbourville, Ky. Salt and pepper shaker. 2,668,639, Feb. 9.
- Scalingi, Ciro R.: *See*—
Wesley, Robert O., and Scalingi. 2,691,526.
- Scarato, Russell A., St. Louis, Mo. Foldable-winged craft. 2,673,047, Mar. 23.
- Scarborough, Frederick. 2,697,924, Cl. 66—125.
- Scarborough, Frederick, Sr., Northampton, Mass. Yarn carrier and tube for knitting machines. 2,669,103, Feb. 16.
- Scarborough, William E.: *See*—
Rorden, Harold L., Scarborough, and Elton. 2,677,817.
- Scarborough, Alfred D., assignor to Hughes Tool Company. 2,676,251, Cl. 250—27.
- Scarborough, Alfred D., and E. E. Bolles, to Hughes Aircraft Co. 2,685,039, Cl. 307—88.
- Scarce, Chester H., and R. G. Turnbull, to Lenkurt Electric Co., Inc. 2,697,559, Cl. 242—5.
- Scarlett, George B., assignee: *See*—
Eichmann, Theophil.
- Scarlett, William J., administrator: *See*—
Eichmann, Theophil.
- Scarpa, Giuseppe, to Vittorio Necchi S. p. A. 2,684,649, Cl. 112—158.
- Scattergood, Allen, Orange, N. J., assignor to Sugar Research Foundation, Inc., Cambridge, Mass. 4,6-alkylidene-D-glucitol and producing the same from sucrose. 2,670,354, Feb. 23.
- Schaaber, Otto, Schorndorf, Wurttemberg, assignor, by mesne assignments, to S. Junghans, Schorndorf, Germany. Anodic coating of aluminum. 2,666,023, Jan. 12.
- Schaaber, Otto. 2,695,253, Cl. 148—21.91.
- Schaack, Nicholas J.: *See*—
Phillips, Richard W. and W. T., and Schaack. 2,694,402.
- Schaaf, Edward J., and E. F. Greedy, assignors to Food Machinery and Chemical Corporation. 2,676,450, Cl. 56—66.
- Schaal, Ellsworth A., and J. A. Lawler, to Boeing Airplane Co. 2,692,476, Cl. 60—39.14.
- Schabelitz Biochemical Corp.: *See*—
Schabelitz, Ernest J. 2,695,838.
- Schabelitz, Ernest J., to Schabelitz Biochemical Corp. 2,695,838, Cl. 44—32.
- Schacht, Clifford A., Jr., and F. D. Crosswell, to Overhead Door Corp. 2,686,926, Cl. 16—94.
- Schacht, Ewald M., to Herter's, Inc. 2,696,995, Cl. 285—145.
- Schacht, Roy A., Kirkwood, Mo. Marking machine. 2,664,985, Jan. 5.
- Schack, Carl H., Salt Lake City, Utah, and K. C. Dean, Mexico City, Mexico, assignors to the United States of America as represented by the Solicitor of the Department of the Interior. Flotation process for separation of silica and rhodonite. 2,666,588, Jan. 19.
- Schade, Frank S., assignor to National Blank Book Company. 2,680,443, Cl. 129—16.
- Schade, Frank S., to National Blank Book Co. 2,681,655, Cl. 129—1.
- Schädler, Max L., to J. M. Voith G. m. b. H. 2,685,139, Cl. 34—124.
- Schadt, Owen P., Allentown, assignor to H. J. Lichty, Easton, Pa. Incubator. 2,668,665, Feb. 9.
- Schaefer, Albert W. 2,685,100, Cl. 15—230.
- Schaefer, Alfred J. 2,681,210, Cl. 259—82.
- Schaefer, Carl F.: *See*—
Ten Bosch, Maurits, and Schaefer.
- Schaefer, Carl F., assignor to The Norden Laboratories Corporation. 2,677,286, Cl. 74—674.
- Schaefer, Edward J. 2,683,228, Cl. 310—69.
- Schaefer, Edward J. 2,683,844, Cl. 318—207.
- Schaefer, Ernest R., to the United States of America as represented by the Secretary of the Army. 2,692,990, Cl. 3—32.
- Schaefer, Frederick C.: *See*—
Hornbruch, Frederick W., and Schaefer.
- Schaefer, Gustave C., Canton, Ohio. Fifth wheel for tractor trailers and the like. 2,665,177, Jan. 5.
- Schaefer, Harold W., assignor to Philco Corporation. 2,674,991, Cl. 126—299.
- Schaefer, Harold W., to Philco Corp. 2,691,872, Cl. 62—117.3.
- Schaefer, Henry: *See*—
Elkins, Lloyd E., Vincent, and Schaefer.

- Schaefer, James H. 2,685,034, Cl. 250—36.
 Schaefer, Louis J., to Journal Box Servicing Corp. 2,697,256, Cl. 19—81.
 Schaefer, Norbert F.: *See—*
 Ferguson, Kenneth C., and Schaefer. 2,678,765.
 Schaefer, Philippe J. F.: *See—*
 Berghe, Georges J. L. V., and Schaefer.
 Schaefer, Ralph A., J. P. Corness, and W. H. Morrison, to Clivite Corp. 2,687,565, Cl. 29—189.
 Schaefer, Raymond H.: *See—*
 Flinn, Richard A., and Schaefer. 2,686,743.
 Schaefer, Robert J., Chatham, N. J., assignor to Ethicon, Inc. Suture package. 2,665,805, Jan. 12.
 Schaefer, Robert J., to Johnson & Johnson. 2,694,486, Cl. 206—52.
 Schaefer, Valentine. 2,673,986, Cl. 4—255.
 Schaefer, Walter S.: *See—*
 Darnier, Frederic M., and Schaefer.
 Schaefer, Walter S., to Republic Steel Corp. 2,690,493.
 Schaeffer, Benjamin B.: *See—*
 Churchill, John W., and Schaeffer. 2,680,092.
 Schaeffer, Jacob H. Brooklyn, N. Y. Combination wedding and engagement ring and unit therefor. 2,668,605, Feb. 9.
 Schaeffer, Joseph M., and H. L. Hoyt, to The Waterbury Farrel Foundry and Machine Co. 2,689,361, Cl. 10—166.
 Cl. 219—8.
 Schaeffer, Lewis C., assignor, by mesne assignments, of $\frac{1}{2}$ to said L. C. Schaeffer and $\frac{1}{2}$ to H. Lemmons. 2,678,789, Cl. 248—165.
 Schaeffer, Pierre H., Paris, France. Magnetophonic musical apparatus. 2,667,097, Jan. 26.
 Schaelchlin, Walter, to Westinghouse Electric Corp. 2,683,849, Cl. 318—500.
 Schaelchlin, Walter, to Westinghouse Electric Corp. 2,691,751, Cl. 318—45.
 Schaelchlin, Walter, Buffalo, A. J. Winchester, Jr., Lockport, N. Y., and J. C. Ponstingl, Parma, Ohio, assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Control system. 2,666,913, Jan. 19.
 Schaelchlin, Walter, and G. H. Piethe, to Westinghouse Electric Corp. 2,691,756, Cl. 322—24.
 Schafer, Frank, assignor to The Ohio Match Company. 2,674,282, Cl. 144—164.
 Schafer, Robert A., to National Automatic Tool Co., Inc. 2,684,017, Cl. 90—14.
 Schaffel, Gerson S., Cuyahoga Falls, and K. V. Weinstock, assignors to The General Tire and Rubber Company, Akron, Ohio. Copolymer of a diolefine and a ketone. 2,669,553, Feb. 16.
 Schaffer, Anton M., to General Motors Corp. 2,689,622, Cl. 183—36.
 Schaffer, George W., St. Louis, Mo. Tool supporting means. 2,667,092, Jan. 26.
 Schaffer, William C., to Curtiss-Wright Corp. 2,693,675, Cl. 60—39.28.
 Schaffer, William C., and W. T. Stark, assignors to Curtiss-Wright Corporation. 2,678,657, Cl. 137—99.
 Schaffert, Roland M., R. C. McMaster, and W. E. Bixby, assignors, by mesne assignments, to The Battelle Development Corporation, Columbus, Ohio. Electroradiography. 2,666,144, Jan. 12.
 Schafranik, Erich, to Leonard Valve Co. 2,691,487, Cl. 236—12.
 Schafroth, Werner. 2,680,845, Cl. 1—2.
 Schagen, Pieter, and H. Bruining, to Hartford National Bank and Trust Co., as trustee. 2,692,341, Cl. 250—213.
 Schaich, Wilbur A., Goodrich, assignor to Dearborn Motors Corporation, Birmingham, Mich. Rear mounted crane. 2,670,175, Feb. 23.
 Schaich, Wilbur A., to Ford Motor Co. 2,681,540, Cl. 56—108.
 Schairer, George S.: *See—*
 Cook, William H., Jr., Pfafman, and Schairer.
 Schall, Egon, to Lever Brothers Co. 2,698,085, Cl. 206—56.
 Schall, Myron R. 2,679,876, Cl. 150—1.5.
 Schaller, Harold E., to Scotland Mills, Inc. 2,685,309, Cl. 139—291.
 Schallert, Paul O., E. R. Tompkins, and M. B. Hawkins assignors to the United States of America as represented by the United States Atomic Energy Commission. 2,675,487, Cl. 250—108.
 Schallgruber, Frederick. 2,677,883, Cl. 30—41.
 Schaltegger, Hermann, Flamatt, assignor to Dr. A. W. Wander A. G., Bern, Switzerland. Photochemical production of 7-chlorocholesteryl ester. 2,665,245, Jan. 5.
 Schanz, Arthur C.: *See—*
 Sheffer, John W., Watson, and Schanz.
 Schanz, Arthur C., Glen Ridge, N. J., assignor to American Car and Foundry Company, New York, N. Y. Progressively welding railroad car side walls. 2,669,015, Feb. 16.
 Schanz, Arthur C., to American Car and Foundry Co. 2,683,432, Cl. 113—59.
 Schanz, Arthur C., to American Car and Foundry Co. 2,683,433, Cl. 113—99.
 Schanz, George H., to The B. F. Goodrich Co. 2,690,592, Cl. 18—14.
 Schaper, Leonard W. 2,674,827, Cl. 46—22.
 Schappel, Joseph W., assignor to American Viscose Corporation. 2,679,449, Cl. 8—116.4.
 Schappi, Gottfried, assignor to Hamol A.-G. 2,680,746, Cl. 260—343.2.
 Scharf, Albert, deceased, E. Scharf, executor, assignor to American Lecithin Company, Inc. 2,678,320, Cl. 252—354.
 Scharf, Arthur: *See—*
 Conklin, Robert M., and Scharf. 2,675,577.
 Scharf, Erwin, executor: *See—*
 Scharf, Albert. 2,678,320.
 Scharff, J. H., Inc., assignee: *See—*
 Walz, Rudolph.
 Scharmen, Randall R. 2,679,201, Cl. 98—2.
 Schatzki, Elise: *See—*
 Peck, Henry E. 2,694,911.
 Schatzki, Herbert: *See—*
 Peck, Henry E. 2,694,911.
 Schatzman, George W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender and fender shield construction. 2,671,672, Mar. 9.
 Schatzman, George W., to Houdaille-Hershey Corp. 2,686,062, Cl. 280—153.
 Schaub, Fred H., Engineering Co., Inc., assignee: *See—*
 Schaub, Robert F.
 Schaub, Robert E.: *See—*
 Baker, Bernard R., and Schaub. 2,694,711.
 Schaub, Robert F., assignor to Fred H. Schaub Engineering Co., Inc., Chicago, Ill. Steam flow control system. 2,665,847, Jan. 12.
 Schauer, Abraham A., and F. G. Konstandt. 2,695,043, Cl. 144—2.
 Schauer, George A., Jr., assignor to Fairbanks, Morse & Co. 2,676,544, Cl. 103—41.
 Schaufelberger, Felix A.: *See—*
 McGauley, Patrick J., and Schaufelberger. 2,686,114.
 Schaufelberger, Felix A., to Chemical Construction Corp. 2,694,005, Cl. 75—108.
 Schaufelberger, Felix A., and P. J. McGauley, to Chemical Construction Corp. 2,694,006, Cl. 75—108.
 Schaufelberger, Felix A., G. F. Van Hare, and P. J. McGauley, to Chemical Construction Corp. 2,695,843, Cl. 75—120.
 Schaufelberger, Henry W., to Western Electric Co., Inc. 2,696,701, Cl. 51—273.
 Schaulefe, Herbert J., assignor to Signal Oil and Gas Company. 2,677,935, Cl. 61—46.
 Schaum, Eduard A., $\frac{1}{2}$ to F. W. Hoch. 2,697,893, Cl. 41—21.
 Schaumann, Holger H., to E. I. du Pont de Nemours and Co. 2,689,781, Cl. 23—202.
 Schaumann, Holger H., and I. J. Krehma, to E. I. du Pont de Nemours & Co. 2,691,571, Cl. 23—202.
 Schaumer, Theo B. 2,696,004, Cl. 2—42.
 Schaumer, Theo B. 2,696,005, Cl. 2—42.
 Schaupt, A. W., assignee: *See—*
 Ferrari, Ernest R.
 Schaurte, Paul, Vaduz, Liechtenstein. Combined counting and gauging device. 2,667,631, Jan. 26.
 Schaurte, Paul. 2,674,805, Cl. 33—147.
 Schaus, Karl L. 2,680,375, Cl. 73—266.
 Schauweker, George H., assignor to American Optical Company, Southbridge, Mass. Eye protective device. 2,668,291, Feb. 9.
 Schavey, Earl T., Grand Ledge, Mich. Heat generator. 2,673,281, Mar. 23.
 Schawinsky, Irene. 2,684,709, Cl. 155—187.
 Scheb, Joseph E. 2,687,060, Cl. 84—482.
 Schebler, Carl L. 2,689,623, Cl. 183—92.
 Schechter, Robert. 2,674,060, Cl. 123—169.
 Schechter, William H., to Callery Chemical Co. 2,689,259, Cl. 260—462.
 Schechter, Arthur, assignor of $\frac{1}{2}$ to S. Neiman. 2,677,892, Cl. 33—168.
 Scheeline, Harold W., to Standard Oil Development Co. 2,693,865, Cl. 183—114.2.
 Scheer, Hattie, Atlantic City, N. J. Antrum spray. 2,667,166, Jan. 26.
 Scheffer, Nicolaas: *See—*
 Tink, Jacob M., and Scheffer. 2,695,089.
 Scheffer, Nicolaas, to Hartford National Bank and Trust Co., as trustee. 2,697,753, Cl. 179—27.51.
 Scheibel, Edward G., and A. E. Karr, assignors to Hoffmann-La Roche Inc. 2,676,903, Cl. 167—81.
 Scheid, Erich M., Wuppertal-Barmen, and P. Preis, Wuppertal-Elberfeld, Germany. Centrifugal switch. 2,669,619, Feb. 16.
 Scheide, Elizabeth J.: *See—*
 Scheide, Lester B. 2,682,913.
 Scheide, Lester B., deceased; B. W. Mantermach, executor, to E. J. Scheide. 2,682,913, Cl. 155—30.
 Scheider, Maurice G., and I. E. Kass, to The Glenn L. Martin Co. 2,691,497, Cl. 244—112.
 Scheidt, Joseph, and L. A. Teegardin, Streator, Ill. Coin-wrapping device. 2,666,284, Jan. 19.
 Scheidt, Joseph, and L. A. Teegardin. 2,678,000, Cl. 100—266.
 Scheinmann, Henry. 2,693,649, Cl. 36—8.5.
 Scheiter, Milton H., Dearborn, assignor to General Motors Corporation, Detroit, Mich. Five-speed compound planetary gear. 2,671,359, Mar. 9.
 Scheiwer, Albert T., Erie, Pa. Coupling. 2,673,750, Mar. 30.
 Scheiwer, Albert T. 2,689,138, Cl. 284—18.
 Scheiwer, Albert T. 2,689,143, Cl. 285—193.
 Scheiwer, Albert T. 2,693,640, Cl. 30—195.

- Scheldorf, Marvel W., to Andrew Corp. 2,687,475, Cl. 250—33.55.
- Schell, George E. 2,691,535, Cl. 281—0.
- Schell, Paul: *See—*
Penn, Paul O. and R. S., and Schell. 2,685,411.
- Schell, Paul, assignor to Penn Controls, Inc. 2,675,965, Cl. 236—68.
- Schell, Paul, to Penn Controls, Inc. 2,685,412, Cl. 236—68.
- Schell, Paul, to Penn Controls, Inc. 2,696,874, Cl. 158—28.
- Schellenbaum, Hans: *See—*
Jezler, Hubert. 2,689,618.
- Schellenburg, Ernst, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Inc., Pittsburgh, Pa. Gas scrubber provided with rotary spraying device and indicator. 2,671,651, Mar. 9.
- Scheller, Arthur P.: *See—*
Behnke, Edward R., Scheller, and Pilia. 2,685,632.
- Scheller, Arthur P., to Union Carbide and Carbon Corp. 2,685,631, Cl. 219—15.
- Schellman, Joseph H., Ridley Park, assignor to Hetherington, Inc., Sharon Hill, Pa. Safety switch. 2,671,140, Mar. 2.
- Schemm, George A., assignor to Huron Portland Cement Company, Detroit, Mich. Aerating device for pulverulent material. 2,665,035, Jan. 5.
- Schempp, Reinhold, P. Payson, and J. G. Chow, to Crucible Steel Co. of America. 2,686,116, Cl. 75—128.
- Schenck, Carl, Maschinenfabrik Darmstadt G. m. b. H.: *See—*
Federn, Klaus. 2,693,699.
- Hack, Heinrich K. 2,682,046.
- Schenck, James. 2,678,254, Cl. 346—33.
- Schenck, Jay R.: *See—*
Grundy, Walton E., Whitman, Sylvester, Schenck, and De Rose. 2,678,929.
- Schenck, Martin, and W. Heinz, to Schering A. G. 2,689,853, Cl. 260—309.2.
- Schenk, George F.: *See—*
Thorburn, Milton R., and Schenk. 2,678,041.
- Schenk, George F., to American Optical Co. 2,683,450, Cl. 128—9.
- Schenkel, Samuel. 2,692,762, Cl. 257—151.
- Schenker, Victor: *See—*
Hechter, Oscar, Jacobsen, Jeanloz, Levy, Pincus, Schenker, and Marshall.
- Jeanloz, Roger, Hechter, Pincus, and Schenker. 2,676,904.
- Schenley Industries, Inc.: *See—*
Andersag, Hans, Weese, and Bossert.
- Behnisch, Robert. 2,694,030.
- Behnisch, Robert, and Klarer. 2,696,454.
- Behnisch, Robert, and Klarer. 2,696,491.
- Behnisch, Robert, Mietzsch, and Schmidt.
- Brockmann, Hans, and Bohne. 2,693,433.
- Hiltman, Rudolf, Auhagen, and Bauer. 2,676,173.
- Hörlein, Hans U., Andersag, and Timmler. 2,691,023.
- Hörlein, Hans U., Andersag, and Timmler. 2,691,024.
- Kölling, Heinrich, and Lettré. 2,691,044.
- Lettré, Hans, Haede, and Ruhbaum. 2,697,096.
- Linsert, Otto, and Lettré. 2,691,039.
- Puetzer, Bruno. 2,688,636.
- Schmidt, Hans. 2,683,170.
- Schmidt, Hans, Behnisch, and Mietzsch.
- Schmidt, Hans, Behnisch, and Schraufstatter. 2,676,978.
- Schmidt, Hans, Behnisch, and Schraufstatter. 2,683,171.
- Wachtel, Jacques L., Croley, and Murtaugh. 2,684,361.
- Wachtel, Jacques L., Croley, and Murtaugh. 2,684,362.
- Wachtel, Jacques L., Croley, and Murtaugh. 2,684,363.
- Westphal, Kurt, Andersag, and Widmann. 2,694,642.
- Schepker, Paul F., to Keleket X-Ray Corp. 2,695,964, Cl. 250—62.
- Scherbatskoy, Serge A. 2,680,201, Cl. 250—83.6.
- Scherer, John O.: *See—*
Scherer, Robert P. and J. O., and Whipple.
- Scherer, R. P., Corp.: *See—*
McKibbin, James M., Killik, and Whipple. 2,691,374.
- McMillion, Shelby C. 2,681,168.
- Scherer, Robert P. 2,688,968.
- Scherer, Robert P., Benford, and Moreland. 2,688,775.
- Scherer, Robert P. and J. O., and Whipple.
- Scherer, Robert P., and Moreland. 2,682,253.
- Scherer, Robert P., assignor to R. P. Scherer Corporation, Detroit, Mich. Latch structure. 2,671,347, Mar. 9.
- Scherer, Robert P., to R. P. Scherer Corp. 2,688,968, Cl. 128—272.
- Scherer, Robert P., Detroit, J. O. Scherer, Grosse Pointe, and L. V. Whipple, Berkley, assignors to R. P. Scherer Corporation, Detroit, Mich. Flexible follower for metal ampoules. 2,670,121, Feb. 23.
- Scherer, Robert P., and S. T. Moreland, to R. P. Scherer Corp. 2,682,253, Cl. 118—219.
- Scherer, Robert P., S. Benford, and S. T. Moreland, to R. P. Scherer Corp. 2,688,775, Cl. 18—56.
- Scherer, Theo: *See—*
Neugebauer, Wilhelm, Rebenstock, and Scherer. 2,692,826.
- Schereschewsky, Philippe L. 2,685,506, Cl. 75—87.
- Scherff, Werner: *See—*
Gündel, Wolfgang, and Scherff. 2,674,572.
- Schering A. G.: *See—*
Junkmann, Karl, and Röhrig.
- Schenck, Martin, and Heinz. 2,689,853.
- Schering Corp.: *See—*
Allen, Abbott W. 2,677,645.
- Clayton, Temple, Herschberg, and Schoen.
- Klingsberg, Erwin, and Papa. 2,676,989.
- Lee, Slaughter W., and Dichter. 2,675,342.
- Oliveto, Eugene P., and Gerold. 2,684,375.
- Oliveto, Eugene P., and Herschberg. 2,677,695.
- Oliveto, Eugene P., Herschberg, and Gerold. 2,684,376.
- Ryer, August I., and Gebert.
- Schwenk, Erwin, and Papa. 2,681,363.
- Sperber, Nathan, Papa, and Schwenk. 2,676,964.
- Schering International Research Institute, assignee: *See—*
Papa, Domenick, and Schwenk.
- Scheringer, Herbert J. 2,677,882, Cl. 30—10.
- Scherler, Hermann, Bois-Colombes, France, assignor, by mesne assignments, to Society Usines Tornos, Fabrique de Machines Moutier S. A. Needle bearing. 2,670,253, Feb. 23.
- Schermerhorn, Orlo. 2,677,486, Cl. 224—5.
- Scherr, Henry J.: *See—*
Goldstein, Nathan, and Scherr.
- Scherry, George A., assignor to Grayhill. 2,675,583, Cl. 18—30.
- Schetzler, Charles H., Goodland, Kans. Shoe scraper for automotive vehicles. 2,665,921, Jan. 12.
- Scheuchzer, Auguste, Lausanne, Switzerland. Pneumatic ballast tamper. 2,669,942, Feb. 23.
- Scheurmann, Jean. 2,690,561, Cl. 1—90.
- Schevtchuk, Andrew, to General Electric Co. 2,686,906, Cl. 336—155.
- Schexnailder, Robert E., Baton Rouge, La., assignor to Standard Oil Development Company. Making alumina containing adsorbent materials. 2,673,188, Mar. 23.
- Schiavulli, Rudolph, and A. Capomacchio, Providence, R. I. Heel finishing machine. 2,664,680, Jan. 5.
- Schibler, Luzius, and A. Laely, assignors to Ciba Limited. 2,680,101, Cl. 260—6.
- Schick, Eugene G., Fort Worth, assignor to Tok, Inc., Amarillo, Tex. Cam action magazine type tack hammer. 2,667,639, Feb. 2.
- Schick, Frederick A., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Bearing and seal assembly. 2,667,388, Jan. 26.
- Schick, Frederick A., to Allis-Chalmers Mfg. Co. 2,693,717, Cl. 74—531.
- Schick, Herman P., and W. E. Frank, to W. K. Kellogg Foundation. 2,691,916, Cl. 88—24.
- Schickner, William C.: *See—*
Safranek, William H., Schickner, and Faust. 2,692,850.
- Schicks, George C., and E. F. Klein, to Geed, Inc. 2,688,553, Cl. 99—117.
- Schild Bantam Co.: *See—*
Bannister, Harold V., and Stevens. 2,681,205.
- Schiele, Arthur F., Durant, Iowa. Golf bag support. 2,672,311, Mar. 16.
- Schiemel, Matthew H., and C. H. Schwartz, to Jos. Schlitz Brewing Co. 2,683,548, Cl. 216—54.
- Schiemer, Charles J., to Benner, Inc. 2,681,456, Cl. 5—99.
- Schierghofer, Fred. 2,676,405, Cl. 30—293.
- Schierghofer, Fred. 2,677,180, Cl. 30—292.
- Schiermeier, Knapel F., to Shell Development Co. 2,687,965, Cl. 106—14.
- Schieser, Warren J., and J. F. Kelley, to The Exact Weight Scale Co. 2,687,272, Cl. 249—63.
- Schieser, Warren J., and R. M. White, to The Exact Weight Scale Co. 2,688,458, Cl. 249—2.
- Schiess Aktiengesellschaft: *See—*
Keyser, Johann J. 2,686,939.
- Keyser, Johann J. 2,689,693.
- Keyser, Johann J. 2,690,641.
- Schiffer, Samuel S. 2,691,447, Cl. 211—50.
- Schilb, Theodore W.: *See—*
Moss, Henry V., and Schilb. 2,697,024.
- Schildt, John. 2,687,737, Cl. 132—46.
- Schill, Bernard J., assignor to J. I. Case Company. 2,678,708, Cl. 192—46.
- Schill, Frank C. 2,697,931, Cl. 72—96.
- Schilling, Clarence J., Allentown, Pa., assignor to Air Products Incorporated, Chattanooga, Tenn. Fractionation of gas mixtures. 2,672,031, Mar. 16.
- Schilling, Clarence J., to Air Products, Inc. 2,688,238, Cl. 62—122.
- Schilling, Clarence J., to Air Products Inc. 2,697,922, Cl. 62—175.5.
- Schilling, Nathan F., Brooklyn, N. Y. Dress display form. 2,669,375, Feb. 16.
- Schilling, Otto C.: *See—*
Grewe, Edward H., and Schilling. 2,678,848.
- Schimpke, Albert J. 2,685,841, Cl. 103—103.
- Schindele, Wilhelm. 2,677,326, Cl. 103—4.
- Schindler, Carl, to McGraw Electric Co. 2,692,925, Cl. 200—87.
- Schindler, Frank A. 2,689,351, Cl. 3—17.
- Schindler, Harold C.: *See—*
Armington, Raymond Q., and Schindler. 2,692,584.
- Schindler, Ludwig: *See—*
Vierling, Oskar, and Schindler. 2,683,861.

- Schindler, Walter: *See*—
Hüttiger, Franz, and Schindler.
Hüttiger, Franz, and Schindler. 2,674,596.
- Schinker, Michael A., Chicago, Ill. Winch for freight loading. 2,673,068, Mar. 23.
- Schips, Erich: *See*—
West, Wilhelm, and Schips.
- Schira, Martin P., Jr. 2,679,851, Cl. 134—102.
- Schira, Martin P., Jr. 2,680,477, Cl. 158—50.1.
- Schira, Martin P., Jr. 2,682,837, Cl. 103—161.
- Schirmer, Robert M.: *See*—
Britton, Sylvester C., and Schirmer. 2,683,961.
- Schirmer, Robert M., H. T. Quigg, and S. C. Britton, to Phillips Petroleum Co. 2,688,840, Cl. 60—35.4.
- Schiveree, John E.: *See*—
Meister, George, and Schiveree. 2,675,497.
- Schjolin, Hans O.: *See*—
Guentsche, Helmuth, and Nelson, and Schjolin. 2,694,950.
- Schjolin, Hans O., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Remote-control system for gear shifting in angularly disposed vehicle transmissions. 2,669,316, Feb. 16.
- Schlaak, Ervin, to Durham Mfg. Corp. 2,696,869, Cl. 155—117.
- Schlabach, Raymond. 2,696,727, Cl. 70—421.
- Schlachter, Fred W., Rockwell City, Iowa. Parachute quick release coupling. 2,667,376, Jan. 26.
- Schlaer, Julius J.: *See*—
Jennings, Louis A., Schlaer, and Howell. 2,683,120.
- Schlaef, Stanley O., assignor to Pioneer Electric and Research Corporation. 2,675,536, Cl. 340—147.
- Schlafender, Otto, Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company. Bowling ball retarder. 2,665,131, Jan. 5.
- Schlage, Ernest L., Burlingame, Calif., assignor to Schlage Lock Company. Padlock. 2,673,458, Mar. 30.
- Schlage, Ernest L., Burlingame, Calif., assignor to Schlage Lock Company. Door lock. 2,673,758, Mar. 30.
- Schlage, Ernest L., assignor to Schlage Lock Company. 2,676,827, Cl. 292—244.
- Schlage, Ernest L., assignor to Schlage Lock Company. 2,679,174, Cl. 77—62.
- Schlage, Ernest L., assignor to Schlage Lock Company. 2,679,771, Cl. 77—62.
- Schlage, Ernest L., to Schlage Lock Co. 2,691,290, Cl. 70—379.
- Schlage Lock Co.: *See*—
Childs, Gary D. 2,691,288.
- Conklin, Robert M., and Scharf. 2,675,577.
- Kendrick, Marron.
- Schlage, Ernest L.
- Schlage, Ernest L. 2,676,827.
- Schlage, Ernest L. 2,679,174.
- Schlage, Ernest L. 2,679,771.
- Schlage, Ernest L. 2,691,290.
- Schlapf, Erwin D. 2,696,272, Cl. 180—33.
- Schlatter, Carl, to American Viscose Corp. 2,690,427, Cl. 252—8.9.
- Schlatter, Isaac. 2,688,140, Cl. 4—57.
- Schlaudecker, George F., assignor, by mesne assignments, to Maumee Development Company, Toledo, Ohio. Preparation of phthalimide. 2,668,326, Feb. 9.
- Schlecht, Leo, F. Bergmann, and E. Oestreicher, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,686,714, Cl. 75—5.
- Schlecht, Leo, and F. Bergmann, to Badische Aniline- & Soda-Fabrik Aktiengesellschaft. 2,687,349, Cl. 75—0.5.
- Schlegel, Walter L., Jr., to American Steel Foundries. 2,694,985, Cl. 105—197.
- Schleicher, George B. 2,681,436, Cl. 324—127.
- Schleicher, Harold E., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Resettable switch. 2,668,212, Feb. 2.
- Schleicher, Harold E., to The Arrow-Hart & Hegeman Electric Co. 2,689,287, Cl. 200—116.
- Schleicher, Paul E., assignor of one-half to S. Cohen, Gary, Ind. Heating system. 2,669,393, Feb. 16.
- Schleif, Edwin H. 2,678,146, Cl. 222—192.
- Schleifer, Carlo. 2,680,885, Cl. 19—116.
- Schleifer, Lewis F.: *See*—
Licht, Emanuel H. 2,697,775.
- Schlemmer, Philip G. 2,691,260, Cl. 53—45.
- Schlenker, Hans: *See*—
Junghans, Helmut, Schlenker, and Bäuerle. 2,695,342.
- Schlenker, Hans, assignor to Gebrüder Junghans A. G. 2,675,667, Cl. 58—79.
- Schlenker, Vesper A., to Radio Corp. of America. 2,691,148, Cl. 340—8.
- Schlenker, Vesper A., to Radio Corp. of America. 2,697,760, Cl. 179—175.1.
- Schlesinger, Albert, N. Weiner, and S. M. Gordon, New York, assignors to Endo Products, Inc., Richmond Hill, N. Y. Mercurial diuretic. 2,667,442, Jan. 26.
- Schlesinger, Albert, N. Weiner, and S. M. Gordon, to Endo Products, Inc. 2,683,720, Cl. 260—343.2.
- Schlesinger, Alfred L. 2,685,957, Cl. 198—140.
- Schlesinger, Arthur H.: *See*—
Erickson, Floyd B., and Schlesinger.
- Mowry, David T., and Schlesinger.
- Mowry, David T., and Schlesinger. 2,689,789.
- Mowry, David T., and Schlesinger. 2,689,790.
- Schlesinger, Arthur H., assignor to Monsanto Chemical Company. 2,676,879, Cl. 71—2.3.
- Schlesinger, Arthur H., assignor to Monsanto Chemical Company. 2,676,880, Cl. 71—2.3.
- Schlesinger, Arthur H., to Monsanto Chemical Co. 2,683,660, Cl. 71—2.7.
- Schlesinger, Arthur H., to Monsanto Chemical Co. 2,692,884, Cl. 260—330.5.
- Schlesinger, Arthur H., to Monsanto Chemical Co. 2,695,224, Cl. 71—2.3.
- Schlesinger, Arthur H., and D. T. Mowry, to Monsanto Chemical Co. 2,683,659, Cl. 71—2.5.
- Schlesinger, Frank W.: *See*—
Pitman, Richard W., and Schlesinger. 2,677,301.
- Schlesinger, Hermann I., and H. C. Brown. 2,683,721, Cl. 260—343.3.
- Schlesinger, Kurt, Maywood, assignor to Motorola, Inc., Chicago, Ill. High voltage generator. 2,668,911, Feb. 9.
- Schlesinger, Kurt, assignor to Motorola, Inc. 2,677,786, Cl. 315—30.
- Schlesinger, Kurt, to Motorola, Inc. 2,681,426, Cl. 315—24.
- Schlesinger, Kurt, to Motorola, Inc. 2,688,086, Cl. 250—40.
- Schlesinger, Kurt, to Motorola, Inc. 2,697,798, Cl. 315—27.
- Schlesinger, Sol O. 2,686,919, Cl. 2—195.
- Schlesser, Adolph. 2,685,761, Cl. 47—48.5.
- Schlesning, Hubert W., to Polytechnic Institute of Brooklyn. 2,688,679, Cl. 201—55.
- Schleyer, Victor. 2,688,929, Cl. 103—102.
- Schlichting, Herbert R.: *See*—
Senn, Jurg A., and Schlichting. 2,694,961.
- Schlick, Albert M. 2,685,853, Cl. 110—165.
- Schlick, Albert M. 2,690,829, Cl. 197—189.
- Schlicksupp, Theodore F. 2,674,755, Cl. 10—162.
- Schlicksupp, Theodore F. 2,695,737, Cl. 222—513.
- Schlienz, Ralph W., Harrington Park, N. J., assignor to Riegel Paper Corporation, New York, N. Y. Paper package and manufacture. 2,668,769, Feb. 9.
- Schlitt, Emily C., executrix: *See*—
Schlitt, Joseph L. 2,685,180.
- Schlitt, Joseph L. 2,685,181.
- Schlitt, Joseph L., deceased, by E. C. Schlitt, executrix, to Air Reduction Co., Inc. 2,685,180, Cl. 62—122.
- Schlitt, Joseph L., deceased, by E. C. Schlitt, executrix, to Air Reduction Co., Inc. 2,685,181, Cl. 62—122.
- Schlitz, Jos., Brewing Co.: *See*—
Schiemel, Matthew H., and Schwartz. 2,683,548.
- Schlitz, Thomas R. 2,676,220, Cl. 200—61.89.
- Schlosser, Else S.: *See*—
Gray, Kenneth R., Thomas, and Schlosser. 2,692,877.
- Schlosser, Paul H.: *See*—
Briggs, Ben T., and Schlosser. 2,683,710.
- Gray, Kenneth R., Thomas, and Schlosser. 2,692,877.
- Schlosser, Russell K., Jr., Wesleyville, Pa., assignor to General Electric Company. Adjusting mechanism for railway brake riggings. 2,667,239, Jan. 26.
- Schlosshauer, Alfred R., to Helios Apparate Wetzlar and Schlosshauer. 2,683,502, Cl. 184—15.
- Schlotzhauer, Allan T.: *See*—
Newman, Douglas A., and Schlotzhauer. 2,696,783.
- Schlueter, Brune G. 2,685,913, Cl. 155—51.
- Schlueter, Ernest, Troy, assignor to Simmons Fastener Corporation, Albany, N. Y. Self-locking spring arm fastening device. 2,670,513, Mar. 2.
- Schlueter, Ernest, to Simmons Fastener Corp. 2,691,199, Cl. 24—221.
- Schlueter, Ernest, to Sim-Par Mfg. Corp. 2,692,153, Cl. 287—14.
- Schlumberger, Marcel, to Societe de Prospection Electrique. 2,681,701, Cl. 164—0.5.
- Schlumberger, Marcel, to Societe de Prospection Electrique. 2,694,791, Cl. 324—1.
- Schlumberger Well Surveying Corp.: *See*—
Doll, Henri-Georges.
- Dubost, Pierre.
- Krasnow, Shelley.
- Krasnow, Shelley. 2,675,481.
- Krasnow, Shelley, and Test.
- Lebourg, Maurice P. 2,678,804.
- Phillips, Floyd S. 2,674,699.
- Segesman, Francis F. 2,695,820.
- Schlumbohm, Peter. 2,676,241, Cl. 219—44.
- Schlumbohm, Peter. 2,676,468, Cl. 62—106.
- Schlumbohm, Peter. 2,681,154, Cl. 210—160.
- Schlumbohm, Peter. 2,681,761, Cl. 230—259.
- Schlumbohm, Peter. 2,685,883, Cl. 131—202.
- Schlumbohm, Peter. 2,690,498, Cl. 219—32.
- Schlumbohm, Peter. 2,693,883, Cl. 210—203.
- Schlumpf, Robert W.: *See*—
Dill, Herbert C., Lyne, and Schlumpf.
- Schluter, Harry C., to The Newell Mfg. Co. 2,682,385, Cl. 248—262.
- Schmadেকে, Howard F. A., Portland, Oreg. Hose reinforcing device. 2,671,626, Mar. 9.
- Schmal, Alois H., Westfield, N. J., assignor to Mack Manufacturing Corporation, New York, N. Y. Wedge and shuttle type power divider. 2,664,766, Jan. 5.
- Schmarmann, Walter G., Westfield, N. J., assignor to Standard Oil Development Company. Separation of low boiling gas mixtures. 2,673,456, Mar. 30.
- Schmeisser, Martin: *See*—
Brock, Norbert, Kúhas, and Schmeisser.

- Schmelig, Nicholas J., assignor to Frank Adam Electric Company. 2,675,141, Cl. 220—3.8.
- Schmelzer, Albert, Köln-Mulheim, and O. Bayer, Leverkusen-Bayerwerk, assignors to Farbenfabriken Bayer Aktiengesellschaft, Leverkusen, Germany. Copper complex compounds of monoazo dyestuffs. 2,669,561, Feb. 16.
- Schmelzer, Edward G. 2,687,053, Cl. 81—6.
- Schmid, Erwin R., to Bell Telephone Laboratories, Inc. 2,696,572, Cl. 315—163.
- Schmid, Herman, and A. P. Hobush, assignors to Inero, Inc. 2,678,739, Cl. 214—17.
- Schmid, Howard C., Missoula, Mont. Boot grease and leather preservative and producing it. 2,668,773, Feb. 9.
- Schmid, John H., assignor to J. A. Zurn Mfg. Co., Erie, Pa. Sealed connection for wall closet fittings. 2,666,211, Jan. 19.
- Schmid, John H., to J. A. Zurn Mfg. Co. 2,686,321, Cl. 4—252.
- Schmid, John H., to J. A. Zurn Mfg. Co. 2,689,017, Cl. 182—31.
- Schmid, John H., to J. A. Zurn Mfg. Co. 2,689,058, Cl. 220—39.
- Schmid, Leopold, to Porsche Konstruktionen G. m. b. H. 2,683,377, Cl. 74—371.
- Schmid, Leopold. 2,683,383, Cl. 74—552.
- Schmid, Otto, Paris, France. Cyclone separator for separating solid particles from gases. 2,672,215, Mar. 16.
- Schmidl, Albert J., and J. M. Powers, to Standard Oil Development Co. 2,688,644, Cl. 260—674.
- Schmidle, Claude J., and G. C. Riley, to Rohm & Haas Co. 2,689,263, Cl. 260—584.
- Schmidlin, Albertus E., Caldwell, assignor to Specialties Development Corporation, Belleville, N. J. Compressor system and moisture separator therefor. 2,669,321, Feb. 16.
- Schmidlin, Albertus E., to Specialties Development Corp. 2,690,292, Cl. 230—30.
- Schmidlin, Julius: See—
Miescher, Karl, Heer, Schmidlin, and Wieland.
Miescher, Karl, and Schmidlin.
- Schmidt, Adalbert, assignor to Hermann Hemscheidt Maschinenfabrik. 2,679,382, Cl. 255—64.
- Schmidt, Adolf: See—
Persch, Walter, and Schmidt. 2,687,416.
- Schmidt, Albert J. 2,698,375, Cl. 240—46.59.
- Schmidt, Albert S., Harrisburg, Pa. Rotary disk slicer for slicing a plurality of rows of buns. 2,669,269, Feb. 16.
- Schmidt, Albert S. 2,686,542, Cl. 146—73.
- Schmidt, Arnold W., assignor to The George W. Borg Corporation. 2,680,360, Cl. 66—9.
- Schmidt, August, Jr., assignor to General Electric Company. 2,677,092, Cl. 321—12.
- Schmidt, August, Jr., C. H. Titus, and C. H. Willis, to General Electric Co. 2,697,198, Cl. 321—48.
- Schmidt, Benjamin F., Los Angeles, Calif. Hydraulic drilling lift and packer therefor. 2,665,149, Jan. 5.
- Schmidt, Bertil. 2,692,109, Cl. 248—246.
- Schmidt, Carl O., Jr., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Safety device for stuffing apparatus. 2,668,321, Feb. 9.
- Schmidt, Conrad, assignor to Pittsburgh-Erie Saw Corporation. 2,679,874, Cl. 146—189.
- Schmidt, Edward G.: See—
Dopp, Carl A., Schmidt, and De Craene. 2,681,787.
- Schmidt, Edward G., and C. W. Yant, to Crane Co. 2,694,901, Cl. 60—52.
- Schmidt, Edwin L., Croton-on-Hudson, assignor to The Teleregister Corporation, New York, N. Y. Ticket printing and accounting system. 2,668,009, Feb. 2.
- Schmidt, Edwin X., assignor to Cutler-Hammer, Inc. 2,677,276, Cl. 73—292.
- Schmidt, Edwin X., to Cutler-Hammer, Inc. 2,682,884, Cl. 137—90.
- Schmidt, Ekhart O., and W. K. O. Siegel, to Daimler-Benz Aktiengesellschaft. 2,696,199, Cl. 123—32.
- Schmidt, Erich, and R. Schnegg, to Farbenfabriken Bayer Aktiengesellschaft. 2,686,180, Cl. 260—230.
- Schmidt, Ernst: See—
Arnold, Alfred, Unterguggenberger, and Schmidt. 2,688,566.
- Schmidt, Ernst O., Basel, Switzerland, assignor to A. R. Anderson, Springdale, Conn. Apparatus for testing the surface hardness of construction materials. 2,664,743, Jan. 5.
- Schmidt, Francis M., to The Rudolph Wurlitzer Co. 2,695,386, Cl. 333—28.
- Schmidt, Fred J., to American Steel Dredge Co., Inc. 2,682,432, Cl. 304—29.
- Schmidt, Frederick H., to Thompson Products, Inc. 2,689,553, Cl. 123—90.
- Schmidt, Fritz, assignor to Farbenfabriken Bayer Aktiengesellschaft. 2,680,108, Cl. 260—75.
- Schmidt, George H., Milwaukee, Wis. Trouser support. 2,668,957, Feb. 16.
- Schmidt, Gerrit. 2,680,190, Cl. 219—43.
- Schmidt, Gustav, to Escora-Corset-Fabrik Eduard Schmidt G. m. b. H. 2,686,312, Cl. 2—42.
- Schmidt, Hans: See—
Behnisch, Robert, Mietzsch, and Schmidt.
- Schmidt, Hans, to Schenley Industries, Inc. 2,683,170, Cl. 260—552.
- Schmidt, Hans, Wuppertal-Vohwinkel, R. Behnisch, and F. Mietzsch, Wuppertal-Elberfeld, Germany, assignors to Schenley Industries, Inc., New York, N. Y., Aromatic thiosemicarbazones. 2,667,509, Jan. 26.
- Schmidt, Hans, R. Behnisch, and E. Schraufstatter, assignors to Schenley Industries, Inc. 2,676,978, Cl. 260—470.
- Schmidt, Hans, R. Behnisch, and E. Schraufstatter, to Schenley Industries, Inc. 2,683,171, Cl. 260—552.
- Schmidt, Henry F. 2,691,869, Cl. 61—12.
- Schmidt, Jeff N.: See—
Hallerberg, Theodore W., Roberts, Schmidt, and Flum. 2,677,124.
- Schmidt, Joachim, Konigsfeld (Schwarzwald), Germany, assignor, by mesne assignments, to Phillips Petroleum Company, Bartlesville, Okla. Process and apparatus for concentrating solutions. Re. 23,810, Mar. 30.
- Schmidt, Johan M. and J. J. Z. Van Zelst, assignors to Hartford National Bank and Trust Company, as trustee. 2,676,248, Cl. 250—20.
- Schmidt, Kenneth H., to Research Products, Inc. 2,691,698, Cl. 179—5.
- Schmidt Lithograph Co.: See—
Schmidt, Morton, and Raynaud. 2,684,242.
- Schmidt, Lloyd K. 2,681,517, Cl. 37—86.
- Schmidt, Lothar M., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,680,216, Cl. 317—135.
- Schmidt, Marie W.: See—
Menz, Emil, and Schmidt. 2,687,532.
- Schmidt, Menno D. 2,688,347, Cl. 143—43.
- Schmidt, Morton, and L. F. Raynaud, to Schmidt Lithograph Co. 2,684,242, Cl. 271—86.
- Schmidt, Otto K.: See—
Hoffman, Stanley G., and Schmidt. 2,696,618.
- Schmidt, Peter A., Tacoma, Wash. Garbage can stand. 2,665,868, Jan. 12.
- Schmidt, Robert A., and W. Wenner, to Hoffmann-La Roche Inc. 2,693,465, Cl. 260—239.
- Schmidt, Robert J., Oak Ridge, Tenn., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Distillation system for recovering spent pumping oils. 2,668,794, Feb. 9.
- Schmidt, Robert J., and S. Rosenfeld, to the United States of America as represented by the United States Atomic Energy Commission. 2,682,451, Cl. 23—264.
- Schmidt, Ruth G., Pittsburgh, Pa. Protective garment. 2,665,426, Jan. 12.
- Schmidt, Theodore D., to J. G. Miller and N. H. Lange. 2,696,802, Cl. 119—18.
- Schmidt, Walter, to Koch Butchers' Supply Co. 2,683,355, Cl. 62—89.5.
- Schmidt, Willi, assignor to Siemens-Schuckertwerke Aktiengesellschaft. 2,677,295, Cl. 82—14.
- Schmidt-Nickels, Wilhelm, to General Aniline & Film Corp. 2,683,717, Cl. 260—307.5.
- Schmidt-Thomé, Josef: See—
Ruschig, Heinrich, and Schmidt-Thomé. 2,697,107.
- Schmied, Joseph M., to Schulze and Burch Biscuit Co. 2,690,257, Cl. 209—72.
- Schmiedeskamp, Walter, Livingston, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Valve mechanism for gas expansion engines. 2,671,434, Mar. 9.
- Schmiege, Herbert, Saginaw, Mich. Vehicle mounted portable tent. 2,670,747, Mar. 2.
- Schmitkons, George E., and H. B. Ketchum, to Standard Oil Development Co. 2,688,401, Cl. 209—172.
- Schmitt, Arthur J., Foundation: See—
Barrett, Edward L. 2,684,396.
Barrett, Edward L. 2,692,745.
- Schmitt, Friedrich, and R. Heyden, to Böhme Fettchemie G. m. b. H. 2,692,180, Cl. 8—94.26.
- Schmitt, George P., and C. Werberig, to St. Regis Paper Co. 2,688,606, Cl. 260—57.
- Schmitt, Hans, to Pechiney Compagnie de Produits Chimiques et Electrometallurgiques. 2,685,566, Cl. 204—243.
- Schmitt, Joy B., and A. J. Attinger, assignors to The De Vilbiss Company, Toledo, Ohio. Atomizer. 2,665,170, Jan. 5.
- Schmitt, Karl, Fulda, Germany. Endless slide chain picture projector. 2,669,157, Feb. 16.
- Schmitt, Nickolas, Wolverine, Mich. Lock mechanism. 2,667,778, Feb. 2.
- Schmitt, Nickolas, Wolverine, Mich. Lock mechanism. 2,668,070, Feb. 2.
- Schmitt, Nickolas. 2,693,981, Cl. 294—97.
- Schmitt, Otto H., Port Washington, N. Y., assignor to the United States of America as represented by the Secretary of the Navy. Flight trainer. 2,671,970, Mar. 16.
- Schmitt, Otto H., to the United States of America as represented by the Secretary of the Navy. 2,684,465, Cl. 324—43.
- Schmitt, Otto H., to the United States of America as represented by the Secretary of the Navy. 2,693,590, Cl. 340—197.
- Schmitt, Otto H., Port Washington, and W. B. Greenlee, Garden City, N. Y. Plural motor control system for use with translation devices. 2,667,610, Jan. 26.
- Schmitt, Otto H., F. R. Barnes, W. A. Fails, and W. E. Fromm, to Airborne Instruments Laboratories, Inc. 2,681,264, Cl. 346—112.
- Schmitt, Otto H., and I. L. Kasindorf, to Airborne Instruments Laboratory, Inc. 2,682,607, Cl. 250—27.

- Schmitt, Roland G., Jr.: *See*—
Goertz, Raymond C., and Schmitt. 2,695,715.
- Schmitt, William H. 2,691,256, Cl. 51—175.
- Schmitter, Walter P., assignor to The Falk Corporation. 2,676,671, Cl. 184—11.
- Schmitter, Walter P., to The Falk Corp. 2,683,848, Cl. 318—475.
- Schmitter, Walter P., to The Falk Corp. 2,691,875, Cl. 64—15.
- Schmitter, Walter P., to The Falk Corp. 2,694,939, Cl. 74—359.
- Schmitter, Walter P., to The Falk Corp. 2,694,940, Cl. 74—359.
- Schmitz, Adolf, to Th. Goldschmidt, A. G. 2,684,946, Cl. 252—106.
- Schmitz, Carl, and H. Hemfort, assignors to Westfalia Separator AG., Oelde, Westphalia, Germany. Centrifuge connection. 2,667,302, Jan. 26.
- Schmitz, Cornelius J., and E. S. Stephens, to Custom Built Fixtures, Inc. 2,689,159, Cl. 312—108.
- Schmitz, Ewald, assignor to A. O. Smith Corporation, Milwaukee, Wis. Cover clamp. 2,670,232, Feb. 23.
- Schmitz, Ewald, assignor to A. O. Smith Corporation. 2,675,940, Cl. 220—71.
- Schmitz, Ewald, to A. O. Smith Corp. 2,684,170, Cl. 220—5.
- Schmitz, Ewald, to A. O. Smith Corp. 2,684,173, Cl. 220—18.
- Schmitz, Ewald, to A. O. Smith Corp. 2,684,174, Cl. 220—23.2.
- Schmitz, Joseph, Jr.: *See*—
Drum, Harry S., Liedtke, and Schmitz.
- Schmitz, Martin L.: *See*—
Millett, Lewis F., and Schmitz. 2,674,693.
- Schmitz, Norbert L.: *See*—
Hunter, Richard B., Pell, and Schmitz.
- Schmitz, Otto, Grenchen, Switzerland. Self-winding time-piece mechanism. 2,673,443, Mar. 30.
- Schmitz, William L. 2,685,718, Cl. 22—57.1.
- Schmitz, William R., to E. I. du Pont de Nemours and Co. 2,682,558, Cl. 260—551.
- Schmock, Carl J., assignor to The Uniflow Manufacturing Company. 2,677,241, Cl. 62—2.
- Schmoyer, Frederick P., Jr.: *See*—
Eaby, Le Roy, and Schmoyer. 2,674,764.
- Schmued, Edgar, and D. C. Olmore, to North American Aviation, Inc. 2,692,098, Cl. 244—104.
- Schmoldt, Karl A., assignor to Western Electric Company, Incorporated. 2,679,824, Cl. 118—425.
- Schmoldt, Karl A., to Western Electric Co., Inc. 2,688,267, Cl. 81—3.
- Schmutzler, Alfred F. 2,678,278, Cl. 106—30.
- Schnaible, John. 2,694,378, Cl. 118—125.
- Schnaitter, Irvine K., Cleveland Heights, Ohio. Inclined bed rest. 2,666,216, Jan. 19.
- Schnall, Murray: *See*—
Murphy, Joseph E., and Schnall. 2,680,513.
- Schnebelen, Paul A. 2,675,051, Cl. 154—1.
- Schneck, Frederick W.: *See*—
Deardorff, Clinton E., and Schneck. 2,696,827.
- Schnee, Robert F. 2,680,698, Cl. 154—49.
- Schneebeli, Andre E. 2,678,654, Cl. 132—39.
- Schneebeli, Hugo. 2,683,028, Cl. 261—48.
- Schneeman, Justin G. 2,683,812, Cl. 250—52.
- Schnegg, Auguste, Pieterlen, by Bienne, Switzerland. Combination lock. 2,668,433, Feb. 9.
- Schnegg, Robert: *See*—
Schmidt, Erich, and Schnegg. 2,686,180.
- Schnegg, Robert, to Farbenfabriken Bayer Aktiengesellschaft. 2,688,640, Cl. 260—585.5.
- Schneible, Claude B., and A. S. Lundy: said Lundy assignor to said Schneible. 2,683,958, Cl. 51—273.
- Schneid, Alfred F., and P. Resnick, to Interchemical Corp. 2,695,302, Cl. 260—383.
- Schneider, Abraham: *See*—
Kennedy, Robert M., and Schneider. 2,681,362.
- Kennedy, Robert M., and Schneider. 2,683,754.
- Kennedy, Robert M., and Schneider. 2,683,754.
- Kennedy, Robert M., and Schneider. 2,683,755.
- Kennedy, Robert M., and Schneider. 2,683,756.
- Kennedy, Robert M., and Schneider. 2,683,757.
- Kennedy, Robert M., and Schneider. 2,691,622.
- Schneider, Abraham, assignor to Sun Oil Company, Philadelphia, Pa. Alkylation of isoparaffins with naphthenes. 2,668,865, Feb. 9.
- Schneider, Abraham, to Sun Oil Co. 2,681,373, Cl. 260—668.
- Schneider, Abraham, to Sun Oil Co. 2,691,688, Cl. 260—676.
- Schneider, Albert P., Milwaukee, Wis. Automatic transmission. 2,672,767, Mar. 23.
- Schneider, Allan K., to E. I. du Pont de Nemours & Co. 2,696,481, Cl. 260—47.
- Schneider, Anthony M., Detroit, and J. A. Olivier, Grosse Pointe, Mich. Hearse having reversible casket table. 2,666,666, Jan. 19.
- Schneider, August J., to Société financière d'Expansion Commerciale et Industrielle S. A. "Sfindex." 2,683,419, Cl. 103—97.
- Schneider, August J., to Société financière d'Expansion Commerciale et Industrielle S. A. "Sfindex." 2,684,634, Cl. 103—97.
- Schneider, Carl A.: *See*—
Hancock, Harold E., and Schneider. 2,690,236.
- Soller, Walter, Schneider, and Hancock. 2,695,982.
- Schneider, Carl A., and H. E. Hancock, to The Shepard Elevator Co. 2,698,067, Cl. 187—29.
- Schneider, Charles H., to Minerals & Chemicals Corp. of America. 2,693,319, Cl. 241—21.
- Schneider, David W., assignor to Miehle Printing Press and Manufacturing Company. 2,677,994, Cl. 93—58.
- Schneider, Earl P.: *See*—
Swenson, Marcus O., and P. F. 2,692,759.
- Schneider, Edgar R. 2,684,059, Cl. 123—141.
- Schneider, Eduard A., Dubuque, Iowa. Container and server for cartons. 2,670,616, Mar. 2.
- Schneider, Emil. 2,692,438, Cl. 33—167.
- Schneider, Emmor V.: *See*—
Jordan, Richard H., and Schneider. 2,682,629.
- Schneider, Ernest W.: *See*—
Barrett, Edward L. 2,684,396.
- Barrett, Edward L. 2,692,745.
- Schneider, Ernst. 2,684,877, Cl. 308—26.
- Schneider, Eugenie B., Luxembourg, Luxembourg. Display stand for stacked containers. 2,670,853, Mar. 2.
- Schneider, Frank. 2,674,339, Cl. 183—6.
- Schneider, Frank H., assignor to Florence Stove Company, Gardner, Mass. Auxiliary broiling unit for ranges. 2,669,645, Feb. 16.
- Schneider, Frank L., and V. Fancher, Dayton, Ohio. Shrimp deveiner. 2,665,449, Jan. 12.
- Schneider, Frederick W.: *See*—
Egan, William T., McGhie, Schneider, and Sweet.
- Schneider, Frederick W., Woodhaven, N. Y., assignor to Colgate-Palmolive Company. Packaging of materials. 2,671,996, Mar. 16.
- Schneider, Gerald W.: *See*—
Schneider, Kenneth E. and G. W.
- Schneider, Hans, Zurich, assignor to Ateliers de Construction Oerlikon, Zurich-Oerlikon, Switzerland. Voltage transformer for high-tension mains. 2,668,274, Feb. 2.
- Schneider, Hans, to Ateliers de Construction Oerlikon. 2,686,905, Cl. 336—84.
- Schneider, Hans, to Societe d'Etude de la Propulsion par Reaction. 2,689,454, Cl. 60—39.14.
- Schneider, Hans P., assignor to McGraw Electric Company. 2,677,738, Cl. 200—114.
- Schneider, Harold, to United Plastic Products Corp. Re. 23,858, Cl. 150—12.
- Schneider, Harold N.: *See*—
Beatty, John W., and Schneider.
- Schneider, Harold N., and R. M. Anderson, assignors to General Electric Company. 2,680,793, Cl. 200—148.
- Schneider, Harry: *See*—
Caffee, John D., Miller, and Schneider. 2,690,815.
- Schneider, Helmuth G.: *See*—
Garabrant, Arthur R., Goering, and Schneider. 2,698,320.
- Schneider, Henry J., assignor to Rohm & Haas Company. 2,675,359, Cl. 260—2.1.
- Schneider, John G. 2,683,314, Cl. 33—215.
- Schneider, John S., W. F. Rockwell, and L. R. Buckendale assignors, by mesne assignments to Rockwell Spring and Axle Company. 2,674,783, Cl. 29—153.1.
- Schneider, Jos., & Co.: *See*—
Klemt, Günter, and Macher. 2,683,395.
- Klemt, Günter, and Macher. 2,683,396.
- Klemt, Günter, and Macher. 2,683,398.
- Schneider, Julius L.: *See*—
Evans, Raymond J., Schneider. 2,688,776.
- Schneider, Julius L., to Continental Can Co., Inc. 2,696,106, Cl. 73—40.
- Schneider, Karl, assignor to Backhefe G. m. b. H. 2,676,137, Cl. 195—37.
- Schneider, Karl, assignor to Backhefe G. m. b. H. 2,680,689, Cl. 99—96.
- Schneider, Karl, assignor to Backhefe G. m. b. H. 2,680,704, Cl. 195—38.
- Schneider, Karl, assignor to Backhefe G. m. b. H. 2,680,705, Cl. 195—93.
- Schneider, Kenneth E. and G. W., Borger, Tex. Line holder. 2,664,636, Jan. 5.
- Schneider, Kenneth E. and G. W., Borger, Tex. Bracing system for a mason's guide line supporting column. 2,666,260, Jan. 19.
- Schneider, Lorenz: *See*—
Oestrich, Herman, and Schneider. 2,688,842.
- Schneider, Paul: *See*—
Lober, Friedrich, Bayer, Bogemann, and Schneider. 2,695,898.
- Schneider, Paul L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Starter control apparatus. 2,670,444, Feb. 23.
- Schneider, Paul L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Index dial illuminator. 2,671,425, Mar. 9.
- Schneider, Paul L., to General Motors Corp. 2,681,957, Cl. 200—81.9.
- Schneider, Paul L., to General Motors Corp. 2,694,970, Cl. 98—2.
- Schneider, Paul L., and W. H. Taylor, to General Motors Corp. 2,696,121, Cl. 74—7.
- Schneider, William G., and L. H. Middleton, to The Electric Auto-Lite Co. 2,688,055, Cl. 200—31.

- Schneider, William P.: *See*—
Hogg, John A., and Schneider. 2,683,712.
Hogg, John A., and Schneider. 2,683,723.
- Schneidermann, Edl. 2,687,516, Cl. 339—54.
- Schneithorst, Arthur B., Clayton, assignor to Schneithorst's Live-Pak Seafoods, Inc., St. Louis, Mo. Apparatus for keeping aquatic creatures alive. 2,672,845, Mar. 23.
- Schneithorst's Live-Pak Seafoods, Inc., assignee: *See*—
Schneithorst, Arthur B.
- Schnell, Albert, and P. J. Armeny, to Baker & Co., Inc. 2,691,214, Cl. 29—482.
- Schnell, Ernst E., assignor to John Deere Van Brunt Company. 2,676,555, Cl. 111—67.
- Schnell, Hermann, and H. Rinke, assignors to Farbenfabriken Bayer Aktiengesellschaft. 2,678,869, Cl. 18—54.
- Schnell, Homer A., Filer, Idaho. Corrugator plow. 2,666,377, Jan. 19.
- Schnell, Steve, to Wagner Electric Corp. 2,687,189, Cl. 188—152.
- Schnell, Steve, to Wagner Electric Corp. 2,687,906, Cl. 285—182.1.
- Schnell, Steve, to Wagner Electric Corp. 2,697,495, Cl. 188—78.
- Schnell, William N., Fort Lauderdale, Fla. Dishwashing tool or appliance. 2,671,691, Mar. 9.
- Schnellpressenfabrik Aktiengesellschaft Heidelberg, assignee: *See*—
Büttner, Artur. 2,676,541.
- Schnepel, Douglas V. 2,675,741, Cl. 89—33.
- Schnepp, Louis W., San Bernardino, Calif. Flush ball guide. 2,666,929, Jan. 26.
- Schnerb, Isaac: *See*—
Bloch, Rudolf, Schnerb, and Kaplan.
- Schnetzler, Otto W.: *See*—
Beller, Hans, and Schnetzler. 2,674,528.
- Schneider, Otto, assignor to Hoffmann-La Roche Inc. 2,677,692, Cl. 260—309.
- Schneider, Otto, assignor to Hoffmann-La Roche Inc. 2,678,313, Cl. 260—258.
- Schneider, Otto, and A. Grüssner, assignors to Hoffmann-La Roche Inc. 2,676,177, Cl. 260—285.
- Schniepp, Lester E.: *See*—
Alexander, Kliem, and Schniepp. 2,676,972.
- Schnizer, Arthur W., Corpus Christi, Tex., assignor to Celanese Corporation of America, New York, N. Y. Production of N-vinyl pyrrolidone. 2,669,570, Feb. 16.
- Schnuck, Carl F., and E. H. Johnson, assignors to Farrel-Birmingham Company, Incorporated. 2,678,465, Cl. 18—2.
- Schnuck, Carl F., and W. C. Whittum, to Farrel-Birmingham Co., Inc. 2,680,879, Cl. 18—12.
- Schnur, Mathew. 2,694,216, Cl. 16—164.
- Schnürle, Adolf, deceased, and O. Elwert, to G. Schnürle, sole heir of said A. Schnürle. 2,681,050, Cl. 123—41.74.
- Schnürle, Gertrud, heir: *See*—
Schnürle, Adolf, and Elwert. 2,681,050.
- Schob, Fred O., to Harbison-Walker Refractories Co. 2,682,703, Cl. 29—235.
- Schober, Wayne E.: *See*—
Carlson, Clinton V., and Schober.
- Schoby, William E.: *See*—
Blocker, John F., and Schoby. 2,685,468.
- Schoch, Henry B., assignor to P. R. Mallory & Co., Inc. 2,674,646, Cl. 174—52.
- Schock, John F., to Leeds and Northrup Co. 2,682,798, Cl. 88—1.
- Schock, Richard U., and W. J. Karpel; said Schock to Abbott Laboratories, and said Karpel to The Glidden Co. 2,684,963, Cl. 260—239.55.
- Schoeffel, Eugene W., to Sterling Drug Inc. 2,696,424, Cl. 23—131.
- Schoenfeld, H. Bruce, Cincinnati, Ohio. Table indexing mechanism. 2,672,773, Mar. 23.
- Schoelles, Harold J., to General Motors Corp. 2,684,620, Cl. 98—2.
- Schoen, Bernard: *See*—
Clayton, Temple, Hershberg, and Schoen.
- Schoen, Bernard F.: *See*—
Clayton, Temple, Hershberg, and Schoen.
- Schoen, Kurt: *See*—
Fischer, Paul, and Schoen. 2,679,209.
- Schoendorf, William J. 2,677,380, Cl. 132—42.
- Schoene, Waldemar, and D. G. Monroe, assignors to Bardach-Schoene Company, Inc., Chicago, Ill. Artificial limb stump socket. 2,671,225, Mar. 9.
- Schoenfeld, Earl: *See*—
Mountjoy, Garrard, Schoenfeld, and Hulst. 2,695,997.
- Schoenfeld, Otto B. 2,678,917, Cl. 210—22.
- Schoenfeld, Otto B. 2,693,880, Cl. 210—52.5.
- Schoenfeld, William H., Jr., to American Can Co. 2,690,005, Cl. 29—488.
- Schoenlaub, Robert A.: *See*—
Wagner, Harold C., and Schoenlaub. 2,694,646.
- Schoenlaub, Robert A., to Sylvester Processes, Inc. 2,691,443, Cl. 209—8.
- Schoenmakers, Pieter J., and W. L. van de Putte, to Shell Development Co. 2,698,171, Cl. 263—21.
- Schoenoff, Waldemar P.: *See*—
Bechard, Conrad E., and Schoenoff. 2,696,880.
- Schoenrock, Otto R. 2,683,513, Cl. 192—99.
- Schoenster, Peter J., to Alfred Hofmann & Co. 2,690,066, Cl. 66—86.
- Schoenwald, Alexander, assignor to P. Wall Mfg. Company, Grove City, Pa. Electric soldering iron. 2,667,561, Jan. 26.
- Schoepe, Harry, Seven Hills, and H. W. Spreitzer, Parma, assignors to The Warner & Swasey Company, Cleveland, Ohio. Change speed transmission for machine tools. 2,670,633, Mar. 2.
- Schoepner, Karl P., Port Washington, assignor to Harnischfeger Corporation, Milwaukee, Wis. Sleeve bearing. 2,673,767, Mar. 30.
- Schoerner, Rudolph T.: *See*—
Grosvenor, William M., Jr., Schoerner, and White. 2,684,686.
- Schoessow, Glen J.: *See*—
Durham, Edwin, and Schoessow. 2,682,861.
- Schofield, Arthur: *See*—
Lantz, Louis A., and Schofield.
- Lantz, Louis A., Schofield, and Spinner.
- Schofield, Cecil, to Republic Steel Corp. 2,696,279, Cl. 189—46.
- Schofield, Frank E., Portland, Oreg. Sink strainer wrench with work engaging nut. 2,663,466, Feb. 9.
- Schofield, Frank E. 2,689,495, Cl. 81—53.
- Schofield, Frank M., assignor to E. I. du Pont de Nemours and Company. 2,676,936, Cl. 260—29.4.
- Schofield, Frank M., assignor to E. I. du Pont de Nemours and Company. 2,676,937, Cl. 260—29.4.
- Schofield, Fred B.: *See*—
Bassindale, Isaac B., and Schofield. 2,690,772.
- Schoij, Edgar: *See*—
Covert, John N., and Schoij. 2,694,373.
- Scholbe, Jack L.: *See*—
Moyer, Frederick D., and Scholbe.
- Scholl Mfg. Co., Inc., The: *See*—
Crawford, Claud F. 2,689,348.
- Crawford, Claud F. 2,689,350.
- Piller, John F. 2,691,417.
- Skinner, Garnett C. 2,694,029.
- Scholten, Jacob W.: *See*—
Ensink, Johannes, and Scholten. 2,676,304.
- Scholz, Caesar R.: *See*—
Huebner, Charles F., and Scholz. 2,686,806.
- Huebner, Charles F., and Scholz. 2,688,039.
- Schonberg, Harry E., to Union Carbide and Carbon Corp. 2,684,603, Cl. 78—84.
- Schönfelder, Herbert. 2,675,595, Cl. 24—205.14.
- Schonitzer, Rudolph I.: *See*—
Allen, Edwin L.
- Allen, Edwin L. 2,683,050.
- Allen, Edwin L., and Schonitzer.
- De Vito, Angelo R.
- De Vito, Angelo R. 2,674,483.
- Puzik, Otto V.
- Wagner, Leonard J.
- Schonitzer, Rudolph I. 2,680,641, Cl. 292—336.3.
- Schonitzer, Rudolph I. 2,688,509, Cl. 292—216.
- Schonstedt, Erick O. 2,687,507, Cl. 324—43.
- Schoolcraft, Edwin H.: *See*—
Mulvany, Harry A., Kofoid, and Schoolcraft. 2,685,312.
- Schooley, Allen H., Washington, D. C. Waveguide switch. 2,668,276, Feb. 2.
- Schoolfield, Sam A. 2,678,378, Cl. 219—43.
- Schoonmaker, Edward B.: *See*—
Rosenburgh, Norman J., and Schoonmaker.
- Schorer Corporation, assignee: *See*—
Schorer, Herman. 2,677,956.
- Schorer, Herman, assignor to Schorer Corporation. 2,677,956, Cl. 72—50.
- Schörg, Carl C., Frankfurt am Main Höchst, Germany. Mechanism for inductive heating of surfaces. 2,673,921, Mar. 30.
- Schorf Metallising Process Ltd.: *See*—
Jones, William D., and Dickinson. 2,684,874.
- Schörner, Christian, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Turbine rotor. 2,665,880, Jan. 12.
- Schörner, Christian, assignor to Maschinenfabrik Augsburg-Nürnberg A. G. 2,675,672, Cl. 60—39.12.
- Schörner, Christian, to Maschinenfabrik Augsburg-Nürnberg A. G. 2,683,018, Cl. 253—77.
- Schörner, Christian, to Maschinenfabrik Augsburg-Nürnberg A. G. 2,686,655, Cl. 253—77.
- Schörner, Christian, and M. Rothemünd, assignors to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Heat exchange apparatus provided with thermal compensating device. 2,670,185, Feb. 23.
- Schorinstein, Harry E. 2,682,777, Cl. 74—235.
- Schorinstein, Robert E., assignor to The B. F. Goodrich Company. 2,677,424, Cl. 164—60.
- Schorr, Marvin G., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Army. 2,676,268, Cl. 250—71.
- Schott, Charles F. 2,689,628, Cl. 184—103.
- Schott, Donald E. 2,674,135, Cl. 74—650.
- Schott, Walter, H. Melchert, H. Gebhardt, and W. Hoer, assignors to Aktiebolaget Separator. 2,677,942, Cl. 62—114.
- Schott, Walter L.: *See*—
Anker, Frank J., and Schott. 2,689,525.
- Schottler, Henry, to Roller Gear Co., Inc. 2,690,683, Cl. 74—459.

- Schottler, Henry, to Roller Gear Co., Inc. 2,695,527, Cl. 74—208.
- Schouteden, Ferdinand L., assignor to Gevaert Photo-Producten, N. V. 2,677,622, Cl. 117—9.
- Schover, Donald S., to the United States of America as represented by the Director of the Office of Scientific Research and Development, Office for Emergency Management. 2,682,364, Cl. 230—85.
- Schowalter, Clarence H., Beloit, Wis., and M. L. Foreman, Hamilton, Ohio, assignors to Fairbanks, Morse & Co., Chicago, Ill. Ambient air control of blower by-passes. 2,669,982, Feb. 23.
- Schowalter, Donovan E.: *See*—Harms, Walter H., and Schowalter. 2,684,957.
- Schrader, Clarence O., assignor to Frawley Corporation. 2,676,569, Cl. 120—42.03.
- Schrader, Gerhard, and W. Lorenz, assignors to Farbenfabriken Bayer Aktiengesellschaft. 2,680,132, Cl. 260—461.
- Schrader, Robert J., and H. S. Young, Kingsport, and H. I. Berntsen, Fordtown, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Producing ethyl alcohol by hydration of ethylene. 2,673,221, Mar. 23.
- Schrag, Gerhard: *See*—Gebhardt, Erich, and Schrag.
- Schramm, August F., Jr., White Plains, N. Y. Making a bonded permeable article. 2,668,787, Feb. 9.
- Schramm, Carl, to The Smyth Mfg. Co. 2,692,136, Cl. 270—53.
- Schramm, Charles H., to Lever Brothers Co. 2,694,723, Cl. 260—455.
- Schramm, Charles H., and R. H. Karlson, to Lever Brothers Co. 2,695,310, Cl. 260—501.
- Schramm, Ella, Brooklyn, N. Y. Safety razor blade honing device. 2,666,987, Jan. 26.
- Schramm, Inc., assignee: *See*—Gustafson, Alfred N.
- Schraufstatter, Ernest: *See*—Schmidt, Hans, Behnisch, and Schraufstatter. 2,676,978.
- Schmidt, Hans, Behnisch, and Schraufstatter. 2,683,171.
- Schreiber, Eduard G. Hennek, and C. Lütz, Wetzlar, (Lahn), assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany, Photographic copying apparatus. 2,672,787, Mar. 23.
- Schreiber, Emil A.: *See*—Iredell, Robert, Kolk, and Schreiber.
- Schreiber, Richard S.: *See*—MacDonald, Robert N., and Schreiber.
- Schreiber, William F., to Sylvania Electric Products Inc. 2,698,400, Cl. 315—22.
- Schreiner, Edward: *See*—Acker, Hobart W., Jr., Cavala, Fuess, and Schreiner. 2,693,033.
- Schreiner, Edward B. 2,694,022, Cl. 134—24.
- Schreiner, Kenneth E., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. 2,678,438, Cl. 343—7.
- Schreiner, Louis W., to Raytheon Mfg. Co. 2,683,862, Cl. 333—82.
- Schrem, Albert. 2,681,501, Cl. 29—261.
- Schremp, Frederick W., to Remington Rand Inc. 2,682,944, Cl. 197—33.
- Schrenk, Hans A., assignor to American Enka Corporation. 2,674,113, Cl. 68—175.
- Schreter, Arnold H., Baltimore, Md. Combination label and holding clasp for neckties. 2,671,900, Mar. 16.
- Schreyer, Ralph C., to E. I. du Pont de Nemours & Co. 2,691,674, Cl. 260—497.
- Schriber, Louis, to Schriber Machinery Co. 2,682,306, Cl. 164—28.
- Schriber Machinery Co.: *See*—Schriber, Louis. 2,682,306.
- Schrimshaw, Albert C.: *See*—Oberley, Alton F., and Schrimshaw. 2,688,183.
- Schriner, Herbert A.: *See*—Beker, Mejer L., and Schriner. 2,675,727.
- Schrock, Abraham E. 2,693,797, Cl. 128—58.
- Schrock, Raymond L., to The Black-Clawson Co. 2,681,610, Cl. 100—147.
- Schroder, Charles, West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Type-action-controlled varied letter feed. 2,664,987, Jan. 5.
- Schroder, Charles, West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Quiet typewriter. 2,670,834, Mar. 2.
- Schroder, Hans, Brooklyn, N. Y. Combined haircutter and safety razor. 2,666,982, Jan. 26.
- Schröder, Hubert, Munich, Germany, assignor to Fish-Schurman Corporation, New York, N. Y. Heat protection filter. 2,668,478, Feb. 9.
- Schröder, Willi: *See*—Mathzeit, Erich, Ziegler, and Schröder. 2,679,990.
- Schroeder, Alfred C., assignor to Radio Corporation of America. 2,678,351, Cl. 178—69.5.
- Schroeder, Alfred C., to Radio Corp. of America. 2,684,995, Cl. 178—5.4.
- Schroeder, Alfred C., to Radio Corp. of America. 2,696,561, Cl. 250—41.9.
- Schroeder, Alfred C., to Radio Corp. of America. 2,697,743, Cl. 178—5.4.
- Schroeder, Alfred C., and D. H. Pritchard, to Radio Corp. of America. 2,681,379, Cl. 178—5.4.
- Schroeder, Alfred C., and K. R. Wendt, to Radio Corp. of America. 2,685,062, Cl. 324—57.
- Schroeder, Arlo E., to Flex-Prop Corp., Inc. 2,685,144, Cl. 42—79.
- Schroeder, Carl J., to Standard Oil Co. 2,688,157, Cl. 18—24.
- Schroeder, Charles D., and M. W. Marsh. 2,689,065, Cl. 222—95.
- Schroeder, Charles S., assignor to The Yale & Towne Manufacturing Company. 2,676,723, Cl. 214—653.
- Schroeder, Charles S., to The Yale & Towne Mfg. Co. 2,690,240, Cl. 188—82.74.
- Schroeder, Emil F. 2,684,553, Cl. 43—81.
- Schroeder, Frank J., Rochester, N. Y. Cigar and cigarette lighter. 2,672,547, Mar. 16.
- Schroeder, Frederick W. 2,675,860, Cl. 155—127.
- Schroeder, George W., to General Electric Co. 2,686,250, Cl. 219—43.
- Schroeder, George W., to General Electric Co. 2,689,005, Cl. 161—1.
- Schroeder, George W., to General Electric Co. 2,692,946, Cl. 250—36.
- Schroeder, Harold J.: *See*—Nichols, Clayton W., Jr., and Schroeder. 2,695,877.
- Schroeder, John L., Watertown, Wis. Feed trough for hogs and the like. 2,669,219, Feb. 16.
- Schroeder, Kenneth A., to The Falk Corp. 2,687,045, Cl. 74—410.
- Schroeder, Mary M.: *See*—Blanchard, Dorothy P., and Schroeder. 2,693,439.
- Schroeder, Paul, Hamburg, assignor to K. H. Bartels, Hamburg-Schenefeld, Germany. Hand truck with ball joint coupling. 2,665,139, Jan. 5.
- Schroepfel, Paul R., to J. I. Case Co. 2,684,564, Cl. 56—25.
- Schroepfel, Paul R., to J. I. Case Co. 2,689,440, Cl. 56—25.
- Schrougham, Benton. 2,685,868, Cl. 123—13.
- Schroyer, Harry R., to American Meter Co., Inc. 2,685,277, Cl. 121—48.
- Schrum, Donald J., to The Studebaker Corp. 2,687,914, Cl. 296—44.
- Schrum, Ray O., West Fork, Mo. Stone picker. 2,664,682, Jan. 5.
- Schryver, Herbert C., to General Motors Corp. 2,683,924, Cl. 29—203.
- Schubert, Alvin E., and W. S. Nivison, to Eastman Kodak Co. 2,682,193, Cl. 88—24.
- Schubert, Dale L., assignor to Plywood Research Foundation, Tacoma, Wash. Panel brander. 2,665,633, Jan. 12.
- Schubert, Dale L., assignor to Plywood Research Foundation, Tacoma, Wash. Sheet clipping and classifying apparatus. 2,666,484, Jan. 19.
- Schubert, Eduard, to Schweizerische Ferment A. G. 2,681,299, Cl. 195—64.
- Schuchardt, John R., to Dollin Co. 2,686,947, Cl. 24—205.15.
- Schuchardt, John R., to Dollin Co. 2,686,948, Cl. 24—205.15.
- Schuck, Anthony G.: *See*—Wolfe, Ernest E., and Schuck.
- Schuck Manufacturing Co., Inc., assignee: *See*—Wolfe, Ernest E., and Schuck.
- Schuck, Oscar H.: *See*—Hunt, Frederick V., Schuck, Rutherford, Hathaway, and Butz.
- Schuck, Oscar H., Belmont, Mass. Apparatus for determining the direction of wave energy. 2,665,416, Jan. 5.
- Schuck, Oscar H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control signal modifying means in radio controlled flight. 2,670,455, Feb. 23.
- Schuck, Oscar H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Radio controlled instrument system for air navigation. 2,671,621, Mar. 9.
- Schuck, Oscar H., assignor to Minneapolis-Honeywell Regulator Company. 2,676,770, Cl. 244—77.
- Schuck, Oscar H., assignor to the United States of America as represented by the Secretary of the Navy. 2,680,836, Cl. 324—57.
- Schuck, Oscar H., to Minneapolis-Honeywell Regulator Co. 2,691,123, Cl. 318—28.
- Schuck, Oscar H., and L. G. S. Wood, to the United States of America as represented by the Secretary of the Navy. 2,697,822, Cl. 340—3.
- Schueler, Alois J. 2,681,740, Cl. 214—370.
- Schuerhoff, Roland H. 2,696,839, Cl. 139—48.
- Schuermann, Julius J., assignor of $\frac{1}{2}$ to J. McKinney. 2,680,322, Cl. 43—44.95.
- Schuessler, Frank J., assignor to Bell & Howell Company. 2,678,357, Cl. 179—100.2.
- Schuessler, Frederick W.: *See*—Wishlinski, Thomas J., and Schuessler. 2,675,328.
- Schuessler, Frederick W., and T. J. Wishlinski assignors to Standard Oil Company. 2,675,329, Cl. 106—285.
- Schuessler, Levyn R., University City, Mo. Machine for printing and perforating sales tickets using address plates. 2,664,815, Jan. 5.
- Schuessler, Walter E., Chicago, Ill. Knitted cap and making the same. 2,664,725, Jan. 5.

- Schuetz, John A., assignor to Invincible Metal Furniture Co. 2,679,992, Cl. 248—23.
- Schufftan, Paul M., Richmond Hill, assignor to The British Oxygen Company Limited, London, England. Apparatus for the separation of gas mixtures by liquefaction and rectification. 2,666,303, Jan. 19.
- Schuh, Arthur J. 2,682,088, Cl. 20—11.
- Schuhwerk, Josef: *See—*
Blum, Edward, and Schuhwerk. 2,696,190.
- Schuitema, Albert. 2,680,516, Cl. 209—97.
- Schulein, George, to National Waste Co. 2,690,938, Cl. 308—243.
- Schulenburg, Edward J., Danville, Ill. Electric switch. 2,671,148, Mar. 2.
- Schulenburg, Edward J., Danville, Ill. Traffic control system. 2,673,973, Mar. 30.
- Schulenburg, Edward J. 2,682,004, Cl. 310—23.
- Schuler, Frederic W., assignor to National Research Corporation, Cambridge, Mass. Apparatus for vapor coating. 2,664,853, Jan. 5.
- Schuler, Frederic W., Cambridge, W. W. Mansir, Somerville, and W. O. Di Pietro, Watertown, assignors to National Research Corporation, Cambridge, Mass. Coating by vapor deposition. 2,665,229, Jan. 5.
- Schuler, Harold A. 2,690,852, Cl. 215—79.
- Schuler, L. A. G.: *See—*
Tröndle, Alois. 2,690,856.
- Schuler, Otto R., to Calumet & Hecla, Inc. 2,685,961, Cl. 205—24.
- Schuler, Reginald G., assignor to Teletype Corporation. 2,677,725, Cl. 178—50.
- Schulman, Michael. 2,677,584, Cl. 312—5.
- Schulte, Charles E. 2,684,797, Cl. 224—57.
- Schulte, Frederick E., assignor to Bjorksten Research Laboratories, Inc. 2,679,186, Cl. 88—16.
- Schulte, John A., assignor to Noble Manufacturing Company. 2,674,836, Cl. 55—76.
- Schultheis, Harry B., Jr., assignor to Bendix Aviation Corporation. 2,675,540, Cl. 340—184.
- Schulthess, Ernest: *See—*
Klausman, James H., and Nutt. 2,695,188.
- Schumann, Helmut W. 2,696,569, Cl. 310—50.
- Schumann, Herbert, and E. Clauss, to G. M. Pfaff A. G. 2,690,725, Cl. 112—186.
- Schultz, Abraham Y., H., and S., and M. Saks, University City, Mo. Footwear washing apparatus. 2,671,456, Mar. 9.
- Schultz, Arthur C., Ross Township, Allegheny County, assignor to Stoner-Mudge, Inc., Pittsburgh, Pa. Coating composition comprising a vinyl chloride polymer dispersed in a mixture of plasticizer and an alkyl ether of a mono- or diethylene glycol. 2,668,801, Feb. 9.
- Schultz, Blaine H., assignor to McGraw Electric Company. 2,680,832, Cl. 323—43.5.
- Schultz, Blaine H., to McGraw Electric Co. 2,695,350, Cl. 200—166.
- Schultz, Clarence W.: *See—*
Sher, Rudolph, Nicholson, and Schultz. 2,677,797.
- Schultz, David, Seattle, Wash. Slicing device. 2,671,550, Mar. 9.
- Schultz Die Casting Co.: *See—*
Muller, Jules. 2,684,510.
- Schultz, Earl C., Staples, Minn. Hold-down device for pajama trouser legs and the like. 2,670,474, Mar. 2.
- Schultz, Everett M.: *See—*
Sprague, James M., and Schultz. 2,680,765.
- Schultz, Everett M., Glenolden, Pa., assignor to Merck & Co., Inc. Gamma-hydroxy quaternary ammonium compounds. 2,665,278, Jan. 5.
- Schultz, Frank A., to Western Electric Co., Inc. 2,685,107, Cl. 18—59.
- Schultz, Fritz, Wuppertal-Sonnborn, and F. Ziegler, Wuppertal-Elberfeld, assignors, by mesne assignments, to Farbenfabriken Bayer Aktiengesellschaft, Leverkusen-Bayerwerk, Germany. Preparing chemical compounds. 2,671,749, Mar. 9.
- Schultz, Harold B., to Bendix Aviation Corp. 2,683,633, Cl. 303—6.1.
- Schultz, Harold P., to Schultz Sweetman, Inc. 2,684,752, Cl. 198—195.
- Schultz, Harold W., to General Motors Corp. 2,682,908, Cl. 154—1.
- Schultz, Harry A.: *See—*
Arnold, George, and Schultz.
Arnold, George, and Schultz. 2,687,859.
Schultz, Abraham Y., H., and S., and Saks.
- Schultz, Jack L., assignor to General Electric Company. 2,676,256, Cl. 250—27.
- Schultz, John J.: *See—*
Tauber, Gustave M., and Schultz. 2,686,665.
- Schultz, John M. 2,676,506, Cl. 81—54.
- Schultz, Leonard A., Morganville, N. J. Boiler. 2,666,419, Jan. 19.
- Schultz, Paul I., Cleveland, Ohio. Control mechanism. 2,670,893, Mar. 2.
- Schultz, Paul I. 2,682,262, Cl. 125—13.
- Schultz, Peter P. 2,676,804, Cl. 273—84.
- Schultz, Robert W., to Owens-Corning Fiberglas Corp. 2,684,107, Cl. 154—27.
- Schultz, Roby C. 2,682,917, Cl. 155—160.
- Schultz, Roy M., to David A. Freeman Corp. 2,682,121, Cl. 38—15.
- Schultz, Solomon: *See—*
Schultz, Abraham Y., H., and S., and Saks.
- Schultz Sweetman, Inc.: *See—*
Schultz, Harold P. 2,684,752.
- Schultz, Wilbur A.: *See—*
Resek, Marc, Schultz, and Antl. 2,693,849.
Resek, Marc, Schultz, and Antl. 2,693,913.
- Schultz, Wilbur A., and M. W. Patrick, assignors to Perfection Stove Company. 2,680,478, Cl. 158—91.
- Schultz, William L.: *See—*
Piker, Herbert M., and Schultz. 2,679,947.
Piker, Herbert M., and Schultz. 2,689,427.
Piker, Herbert M., and Schultz. 2,693,661.
- Schulz, August, to Armstrong Cork Co. 2,696,780, Cl. 101—4.
- Schulz, Eugene, Sr., Merrill, Wis. Fur pelt drier and stretcher. 2,669,057, Feb. 16.
- Schulz, Fred R., assignor to W. K. Munson. 2,675,636, Cl. 40—13.
- Schulz, Gustav O. 2,676,775, Cl. 248—51.
- Schulz, Hans, and A. Seibert, to Cycloptic Anstalt für Optik und Mechanik. 2,685,229, Cl. 88—57.
- Schulz, Helmut W.: *See—*
McTeer, Lucian W., Miller, and Schulz. 2,694,732.
McTeer, Lucian W., Miller, and Schulz. 2,694,733.
- Schulz, Herbert H., Oakland, Calif. Mounting for television receiving sets. 2,672,506, Mar. 16.
- Schulz, Hermann: *See—*
Huemer, Hans, Schulz, and Pohl.
- Schulz, Paul: *See—*
Neunhoeffer, Otto, and Schulz. 2,697,183.
- Schulz, Paul L., assignee: *See—*
Langlois, Roland E., and Blumenbaum.
- Schulz, Rudolph C., Roselle Park, N. J., assignor to the United States of America as represented by the United States Atomic Energy Commission. Reaction and separation vessel. 2,672,404, Mar. 16.
- Schulz, Walter F.: *See—*
Lundsted, Lester G., and Schulz. 2,697,118.
- Schulz, William M. 2,678,686, Cl. 155—184.
- Schulze and Burch Biscuit Co.: *See—*
Fay, Joseph W. 2,684,161.
Fay, Joseph W., and R. 2,686,543.
Schmied, Joseph M. 2,690,257.
- Schulze, Chris C., Cranford, and C. Orenyo, Bloomfield, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Stabilization of the viscosities of vat dye pastes. 2,665,188, Jan. 5.
- Schulze, Ernst, and A. Nehse, to Farbenfabriken Bayer Aktiengesellschaft. 2,698,231, Cl. 75—173.
- Schulze, Oscar M.: *See—*
Whitehouse, Zebulon W., and Schulze.
- Schulze, William G., to Damrow Brothers Co. 2,690,011, Cl. 31—48.
- Schumacher, Earle E., to Bell Telephone Laboratories, Inc. 2,688,652, Cl. 174—102.
- Schumacher, Karl. 2,693,736, Cl. 88—24.
- Schumacher, Wilhelm: *See—*
Heyna, Johannes, and Schumacher.
- Schumaker, George K. 2,688,490, Cl. 274—1.
- Schuman, Ralph H., assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool transmission and control therefor. 2,670,632, Mar. 2.
- Schuman, Ralph H., and R. B. Treer, to The Warner & Swasey Co. 2,694,755, Cl. 200—5.
- Schuman, Ralph L.: *See—*
Smith, Charles F., and Schuman. 2,677,191.
- Schumann, Alfred F., Lower Merion, Pa. Mixing valve for spray type oil burners. 2,672,190, Mar. 16.
- Schumann, Friedrich A., Sr. 2,682,130, Cl. 43—62.
- Schumb, Martin T., Milton, assignor to Boston Gear Works-Division The Murray Company of Texas, Inc., North Quincy, Mass. Mounting for sprockets, pinions or the like. 2,668,454, Feb. 9.
- Schumm, Frederick R., and C. Johnstone, assignors to Dodge & Olcott, Inc. 2,680,690, Cl. 99—140.
- Schunk, Fred, assignee: *See—*
Craddock, Charles L. 2,675,827.
- Schupan, Fred A.: *See—*
Jackson, Lester L., Gravenhorst, and Schupan. 2,682,200.
- Schur, Milton O., to Ecusta Paper Corp. 2,682,270, Cl. 131—61.
- Schur, Milton O., to Ecusta Paper Corp. 2,693,415, Cl. 92—21.
- Schur, Milton O., Asheville, and R. M. Levy, Brevard, N. C., assignors to Ecusta Paper Corporation. Producing calcium carbonate. Re. 23,794, Mar. 2.
- Schur, Milton O., Asheville, and R. M. Levy, Brevard, N. C., assignors to Ecusta Paper Corporation. Cigarette paper. 2,673,565, Mar. 30.
- Schur, Milton O., Asheville, and R. M. Levy, Brevard, N. C., assignors to Ecusta Paper Corporation. Producing cigarette paper. 2,673,799, Mar. 30.
- Schuricht, Henry A.: *See—*
Kohlsaat, Dietrich, and Schuricht. 2,678,221.
- Schurman, Glenn A., to California Research Corp. 2,681,442, Cl. 340—17.
- Schurr, Charles A., to The Electric Controller & Mfg. Co. 2,687,497, Cl. 317—23.
- Schurr, Charles A., to The Electric Controller & Mfg. Co. 2,687,505, Cl. 318—209.
- Schurr, Donald D.: *See—*
Henson, Walter A., Kelly, Taber, Wise, and Schurr. 2,689,235.

- Schurr, Otto E., Hamilton, Ohio, assignor, by mesne assignments, to Baldwin-Lima-Hamilton Corporation. Lathe chucking mechanism. 2,672,780, Mar. 23.
- Schurter, Joseph G. 2,686,363, Cl. 32—14.
- Schurtz, Ralph E. 2,674,491, Cl. 299—66.
- Schuster, Curt: *See—*
Gasenmeier, Ernst W., and Schuster. 2,694,704.
- Schuster, Curt, assignor to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,674,602, Cl. 260—326.5.
- Schuster, Erich, Downey, Calif., assignor to Utility Regulator Company. Fluid pressure regulator. 2,670,574, Mar. 2.
- Schuster, Harry, to Collins Radio Co. 2,698,387, Cl. 250—40.
- Schuster, Isidoro V. 2,689,353, Cl. 4—69.
- Schuster, Roman, Neu-Ulm, Germany. Edge-dressing and profiling apparatus driven by an electric motor. 2,672,898, Mar. 23.
- Schuster, Wilhelm, of $\frac{1}{2}$ to V. Krause. 2,688,426, Cl. 223—94.
- Schut, Johan W., to N. V. Nederlandsche Machinefabriek "Artillerie-Inrichtingen." 2,688,883, Cl. 74—425.
- Schutt, Arthur J., W. O. Emmons, and C. J. O'Brien, to General Motors Corp. 2,691,991, Cl. 138—38.
- Schutt, Clarence A. 2,679,810, Cl. 104—93.
- Schutt, Hermann C., Framingham, assignor to Stone & Webster Engineering Corporation, Boston, Mass. Spraying device. Re. 23,871, Feb. 9.
- Schutt, Walter G., to Stearns Mfg. Co. 2,685,116, Cl. 25—41.
- Schutte, Alfred H.: *See—*
Kohring, Erwin. 2,683,918.
- Schutte, August H., Hastings on Hudson, N. Y. Gas turbine rotor cooling. 2,669,091, Feb. 16.
- Schutte, August H., to Union Oil Co. of California. 2,684,929, Cl. 196—52.
- Schutte, August H., to The Lummus Co. 2,690,384, Cl. 48—78.
- Schutte, Ethel: *See—*
Reavis, William J., and Schutte.
- Schütz, Edwin, to Aktiengesellschaft Oederlin & Cie. 2,696,647, Cl. 22—65.
- Schütz, Kurt, assignor to Berthoud & Cie. 2,678,238, Cl. 302—36.
- Schutze, Henry G.: *See—*
Cier, Harry E., and Schutze. 2,683,076.
- Schwabe, Herman, assignor to Herman Schwabe, Inc. 2,676,683, Cl. 192—17.
- Schwabe, Herman, Inc., assignee: *See—*
Haas, Edgar. 2,679,656.
- Schwabe, Herman. 2,676,683.
- Schwabe, Kurt, Le Locle, Switzerland. Articulation joint. 2,670,975, Mar. 2.
- Schwabe, Kurt. 2,682,897, Cl. 139—232.
- Schwabe, Kurt. 2,690,195, Cl. 139—170.6.
- Schwaiger, Helene. 2,675,549, Cl. 2—42.
- Schwaiger, Odilo, to Daimler-Benz Aktiengesellschaft. 2,692,080, Cl. 230—114.
- Schwalenstocker, Henry J., Rochester, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Photographic antibronzing agents. 2,668,113, Feb. 2.
- Schwan, Clarence F.: *See—*
Kaczor, Edward J., and Schwan. 2,692,956.
- Schwanda, Theodore F., and C. J. Brown, to Blue Ridge Textile Co., Inc. 2,696,094, Cl. 66—86.
- Schwaneke, Fred C., assignor to Dormeyer Corporation. 2,677,401, Cl. 146—1.
- Schwaneke, Fred C., to Dormeyer Corp. 2,692,126, Cl. 259—131.
- Schwanger, Orville H., Elizabethtown, and R. M. Schwanger, New Cumberland, assignors to Romair, Incorporated, Lancaster, Pa. Poultry house heating system. 2,669,392, Feb. 16.
- Schwanger, Robert M.: *See—*
Schwanger, Orville H. and R. M.
- Schwartz, Anthony M., Washington, D. C., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Acid esters of fatty acylated N-alkylglucamines. 2,667,478, Jan. 26.
- Schwartz, Bert B., E. T. Platz, and R. S. Davis, to Bulldog Electric Products Co. 2,681,397, Cl. 200—116.
- Schwartz, Clifford H.: *See—*
Schiemel, Matthew H., and Schwartz. 2,683,548.
- Schwartz, Daniel M.: *See—*
Hendrickson, Donald E., Hackett, and Schwartz. 2,684,162.
- Schwartz, Daniel M., to The Eimco Corp. 2,689,660, Cl. 214—142.
- Schwartz, Eugene, assignor to Ketterlinus Lithographic Mfg. Co. 2,674,055, Cl. 40—121.
- Schwartz, Ira A. 2,686,937, Cl. 19—0.35.
- Schwartz, Irving. 2,698,108, Cl. 215—42.
- Schwartz, Jacob D. 2,685,736, Cl. 32—17.
- Schwartz, Joseph, to Avion Instrument Corp. 2,695,967, Cl. 307—149.
- Schwartz, Joseph, and A. Ackley, assignors to Westcott & Thomson, Inc. 2,679,279, Cl. 153—32.
- Schwartz, Leo. 2,674,214, Cl. 112—219.
- Schwartz, Leo. 2,679,815, Cl. 112—203.
- Schwartz, Lloyd C., assignee: *See—*
Thompson, Irving C. 2,674,347.
- Schwartz, Morris, and W. Castedello, Plainville, assignors to The Kalart Company Inc., Plainfield, Conn. Calculating device for use in connection with photoflash equipment. 2,671,614, Mar. 9.
- Schwartz, Morris, and W. Castedello, assignors to The Kalart Company Inc., Plainville, Conn. Photoflash holder. 2,672,039, Mar. 16.
- Schwartz, Morris A., and R. B. Bilane, to Johnson & Johnson. 2,691,517, Cl. 265—49.
- Schwartz, Morris J.: *See—*
Gilmont, Roger, and Schwartz. 2,683,793.
- Schwartz, Nathan R., assignor to Naras Research, Inc. 2,678,381, Cl. 240—78.
- Schwartz, Nathan R., to Naras Research, Inc. 2,684,259, Cl. 287—91.
- Schwartz, Ralph E., to Vibradamp Corp. 2,694,660, Cl. 154—54.
- Schwartz, Ralph E., to Vibradamp Corp. 2,697,056, Cl. 154—101.
- Schwartz, Richard F., to Radio Corp. of America. 2,691,075, Cl. 179—171.
- Schwartz, Richard F., to Radio Corp. of America. 2,691,105, Cl. 250—36.
- Schwartz, Richard F., to Radio Corp. of America. 2,691,138, Cl. 332—5.
- Schwartz, Samuel M., and D. Gross, Paterson, N. J., assignors to Ververay Corporation, New York, N. Y. Stencil printing apparatus. 2,665,634, Jan. 12.
- Schwartz, Samuel M., and D. Gross assignors to Ververay Corporation. 2,675,330, Cl. 117—17.
- Schwartz, Samuel M., and D. Gross, to Ververay Corp. 2,696,445, Cl. 117—9.
- Schwartz, Shepard B., and J. Muller, assignors to May Hosiery Mills, Nashville, Tenn. Label applying machine. 2,672,251, Mar. 16.
- Schwartz, Shepard B., and J. Muller, assignors to May Hosiery Mills. 2,674,056, Cl. 41—1.
- Schwartz, Shepard B., and J. Muller, to May Hosiery Mills. 2,690,104, Cl. 93—88.
- Schwartz, Shepard B., and J. Muller, to May Hosiery Mills. 2,690,118, Cl. 101—115.
- Schwartz, William A. 2,681,455, Cl. 5—86.
- Schwartz, William H., to Lester Engineering Co. 2,696,641, Cl. 18—30.
- Schwartzberg, Louis. 2,675,319, Cl. 99—177.
- Schwartzman, Louis H.: *See—*
Woods, Gilbert F., Jr., and Schwartzman.
- Schwartzman, Louis H., Pittsburgh, Pa., and G. F. Woods, Jr., Silver Spring, Md. Spirocyclohexylquinolines and preparation thereof. 2,665,276, Jan. 5.
- Schwartzwalder, Karl: *See—*
Smith, Robert W., and Schwartzwalder. 2,679,568.
- Schwarz, Frank W. 2,677,223, Cl. 55—118.
- Schwarz, George, to Powers Chemco, Inc. 2,686,718, Cl. 95—88.
- Schwarz, Hans G., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Black level shift compensating amplifier. 2,672,505, Mar. 16.
- Schwarz, Hedwig, née Korányi, and B. Kollisch, to B. Kollisch. 2,687,133, Cl. 132—79.
- Schwarz, Herbert E. E.: *See—*
Kurtz, Peter, and Schwarz.
- Schwarz, Herbert F.: *See—*
Grummitt, Oliver J., Blank, and Schwarz.
- Schwarz, Karl H., assignor to G. Kromschroder Aktiengesellschaft, Osnabruck, Germany. Membrane fluid pressure regulator. 2,671,989, Mar. 16.
- Schwarz, Morris, and W. Castedello, assignors to The Kalart Company, Inc. 2,677,998, Cl. 95—44.
- Schwarz, Robert M., Clayton, assignor to The Emerson Electric Manufacturing Company, St. Louis, Mo. Multi-speed split-phase motor. 2,671,879, Mar. 9.
- Schwarz, Richard J., Lombard, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Safety handle structure for straight pull brake levers. 2,666,339, Jan. 19.
- Schwarzmayr, Ludwig. 2,692,742, Cl. 244—130.
- Schweda, Albert M., assignor to Union Special Machine Company. 2,680,504, Cl. 192—18.
- Schwegler, Clarence C., F. M. Tennant, and F. J. Soderquist, to The Dow Chemical Co. 2,683,123, Cl. 252—470.
- Schweich, Edward F., assignor to Lewin-Mathes Company. 2,674,372, Cl. 206—52.
- Schweiger, Roy A. 2,684,152, Cl. 206—38.
- Schweighart, Raymond W. 2,693,226, Cl. 155—188.
- Schweighofer, Horst M.: *See—*
Wulfsberg, Arthur H., and Schweighofer. 2,676,289.
- Schweikert, Louis. 2,686,310, Cl. 2—14.
- Schweingruber, Kurt, Zurich, Switzerland. Electric switching apparatus controlled by solar radiation. 2,666,116, Jan. 12.
- Schweiss, Joseph, assignor to Carter Carburetor Corporation. 2,674,986, Cl. 123—119.
- Schweisthal, Frederick G., and E. G. Stock, to Stewart-Warner Corp. 2,696,277, Cl. 184—15.
- Schweiter Ltd.: *See—*
Schweiter, Walter, and Marx. 2,684,798.
- Schweiter, Walter, and K. Marx, to Schweiter Ltd. 2,684,798, Cl. 226—3.
- Schweitzer, E. O., Mfg. Co., Inc.: *See—*
Schweitzer, Edmund O., Jr. 2,686,898.

- Schweitzer, Edmund O., Jr., to E. O. Schweitzer Mfg. Co., Inc. 2,686,898, Cl. 324—127.
- Schweitzer, Harry, Toronto, Ontario, Canada. Pyrophoric lighter. 2,664,728, Jan. 5.
- Schweitzer, Howard V., Fort Lauderdale, Fla., and W. C. Albertson, Jr., Lakewood, Ohio, said Albertson, Jr., assignor to said Schweitzer. Body painting machine. 2,673,548, Mar. 30.
- Schweitzer, Otto C.: *See—*
- Jacobsen, Henry W., and Schweitzer. 2,679,766.
- Schweitzer, Russell A. 2,685,048, Cl. 315—79.
- Schweitzer, William V.: *See—*
- Fisler, Leland H., and Schweitzer. 2,677,953.
- Fisler, Leland H., and Schweitzer. 2,694,919.
- Schweizer, Louis. 2,698,048, Cl. 155—78.
- Schweizer, Werner, Bichwil, Switzerland. Twin centrifugal pump. 2,673,524, Mar. 30.
- Schweizerische Ferment A. G.: *See—*
- Schubert, Eduard. 2,681,299.
- Schweizerische Isola-Werke, assignee: *See—*
- Alleman, Ernst, Fritschl, and Leu. 2,674,007.
- Schweizerische Lokomotiv- und Maschinenfabrik: *See—*
- Müller, Theodor. 2,675,763.
- Müller, Theodor. 2,679,210.
- Sonderegger, Konrad. 2,687,782.
- Waldvogel, Jakob. 2,685,847.
- Weber, Arnold.
- Widmer, Leo P.
- Widmer, Leo P., and Müller. 2,684,630.
- Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Two-temperature refrigerating apparatus. 2,672,030, Mar. 16.
- Schweller, Edmund F., and R. S. Gaugler, Oakwood, assignors to General Motors Corporation, Dayton, Ohio. Two-temperature refrigerating apparatus. 2,672,019, Mar. 16.
- Schweller, Edmund F., and J. W. Jacobs, to General Motors Corp. 2,692,429, Cl. 31—21.
- Schweller, Sylvester M., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Two-temperature refrigerating apparatus. 2,672,025, Mar. 16.
- Schweller, Sylvester M., to General Motors Corp. 2,692,481, Cl. 62—4.
- Schwenler, Arthur E., and L. A. Ramsthaler, assignors to The B. F. Goodrich Company. 2,679,663, Cl. 18—38.
- Schwencke, Edmund H., New York, N. Y., assignor to Elastomer Chemical Corporation, Newark, N. J. Producing a cellular structure in a plasticized vinyl ester resin. 2,666,036, Jan. 12.
- Schwenk, Erwin: *See—*
- Papa, Domenick, and Schwenk.
- Sperber, Nathan, Papa, and Schwenk. 2,676,964.
- Schwenk, Erwin, and D. Papa, to Schering Corp. 2,681,363, Cl. 260—521.
- Schwenk, Kurt. 2,682,149, Cl. 60—54.6.
- Schwenke, Hermann, assignor, by mesne assignments, to Koppers Company, Inc. 2,676,999, Cl. 260—674.
- Schwenker, Eric H., to International Harvester Co. 2,688,235, Cl. 62—103.
- Schwenzfeier, Otto K. 2,688,795, Cl. 29—275.
- Schwerdle, Arthur, assignor to Vineland Chemical Company. 2,678,265, Cl. 71—2.7.
- Schwieg, Frederic P., Jr., assignor to General Electric Company. 2,674,705, Cl. 317—136.
- Schwieg, Frederic P., assignor to General Electric Company. 2,680,222, Cl. 318—28.
- Schwiegen, Leo N., and K. W. Brown, assignors, by mesne assignments, to Strucko Manufacturing Company. 2,679,712, Cl. 46—210.
- Schwinn, Frank W. 2,675,464, Cl. 240—7.55.
- Schwinn, Frank W. 2,687,898, Cl. 280—276.
- Schwinn, Frank W. 2,694,138, Cl. 240—7.55.
- Schwittke, Elmer W., to Collins Radio Co. 2,682,035, Cl. 332—29.
- Schwoegler, Edward J.: *See—*
- Fahlberg, Ernest D., and Schwogler. 2,688,781.
- Schwyn, Raymond E., and R. H. Mitchel, Flint, assignors to General Motors Corporation, Detroit, Mich. Temperature compensator alloy. 2,668,944, Feb. 9.
- Sciarras, Dominico: *See—*
- Michelini, Leo A. 2,691,063.
- Scientific Glass Apparatus Co., Inc., assignee: *See—*
- Geyer, William O.
- Scientific Packages, Inc., assignee: *See—*
- Richman, Nurney H.
- Seinta, Anthony C., to Trico Products Corp. 2,687,544, Cl. 15—245.
- Seinta, Anthony C., Buffalo, N. Y., and A. Rappl, deceased, late of Eggertsville, N. Y., by Marine Trust Company of Buffalo, executor, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,672,641, Mar. 23.
- Seinta, Silas F. 2,697,432, Cl. 128—12.
- Scintilla Aktien-Gesellschaft, assignee: *See—*
- Kaufmann, Albert. 2,680,292.
- Scintilla Ltd.: *See—*
- Buchmann, Albin. 2,687,456.
- Buchmann, Albin. 2,688,714.
- Kaufmann, Albert. 2,689,310.
- Scirocco, Gene A. 2,678,640, Cl. 123—75.
- Sciuto, Michele. 2,674,492, Cl. 299—71.
- Scofield, Gilbert J. 2,682,813, Cl. 92—51.
- Scofield, Philip F., to Specialized Instruments Corp. 2,681,166, Cl. 220—41.
- Scofield, Robert O., to General Motors Corp. 2,683,895, Cl. 18—13.
- Scognamillo Engineering Co.: *See—*
- Scognamillo, Frank. 2,684,037.
- Scognamillo, Frank, to Scognamillo Engineering Co. 2,684,037, Cl. 103—136.
- Scoles, George W., to The Dow Chemical Co. 2,689,262, Cl. 260—501.
- Scopicon, Inc.: *See—*
- Ferrari, Andres, Jr. 2,682,006.
- Scorah, Leslie V. D., King's Norton, Birmingham, England. Selective flame nozzle blowpipe. 2,673,602, Mar. 30.
- Scothorn, Thomas R., to Industrial Electronics, Inc. 2,687,499, Cl. 317—130.
- Scotland Mills, Inc.: *See—*
- Schaller, Harold E. 2,685,309.
- Scott, Alva W., to General Motors Corp. 2,690,216, Cl. 160—201.
- Scott, Arthur L., to Columbia Products Co. 2,681,081, Cl. 139—157.
- Scott, Arthur L., to The Denison Engineering Co. 2,694,903, Cl. 60—97.
- Scott-Atwater Mfg. Co., Inc.: *See—*
- Armstrong, Daniel A., and Bandli. 2,675,794.
- Armstrong, Daniel A., Carlson, and Anderson. 2,696,188.
- Armstrong, Daniel A., and Raleigh.
- Armstrong, Daniel A., and Snyder. 2,696,221.
- Scott, Betty I.: *See—*
- Scott, Glenn O. and B. I. 2,694,842.
- Scott, Carl, Littleton, and H. E. Mencimer, Denver, Colo. Loading apparatus. 2,673,753, Mar. 30.
- Scott, Carl W., assignor to Tote Engineering, Inc. 2,674,206, Cl. 105—369.
- Scott, Charles H., Westport, assignor to The Dorr Company, Stamford, Conn. Sediment raking mechanism for longitudinal settling tanks. 2,670,080, Feb. 23.
- Scott, Charles H., assignor to The Dorr Company. 2,678,721, Cl. 198—224.
- Scott, Charles H., to The Dorr Co. 2,692,680, Cl. 210—55.
- Scott, Donald H.: *See—*
- Jones, John P., Haverstock, and Scott. 2,680,366.
- Scott, Donald R.: *See—*
- Sealer, Richard E., and Scott. 2,689,558.
- Scott, Elmer T., to Reed Rolled Thread Die Co. Re. 23,897, Cl. 80—6.
- Scott, Elmer T., assignor to Reed Rolled Thread Die Company. 2,679,773, Cl. 80—6.
- Scott, Ernest, Weslaco, Tex. Corn puffs. 2,665,214, Jan. 5.
- Scott & Fetzer Company, The, assignee: *See—*
- MacFarland, Charles H.
- Scott, Floyd L.: *See—*
- Morlan, Erwin A., Scott, and Woods. 2,687,875.
- Scott, Floyd L., to Hughes Tool Co. 2,693,344, Cl. 255—22.
- Scott, Glenn O. and B. I. 2,694,842, Cl. 20—58.
- Scott, Harold E. B., Weybridge, England. Doctor for paper and like machines. 2,673,494, Mar. 30.
- Scott, Henry L., W. F. Hyatt, and J. M. Carter, to Brown-Forman Distillers Corp. 2,688,546, Cl. 95—88.
- Scott, Hermon Hosmer, Inc., assignee: *See—*
- Chrystle, Henry.
- Scott, Howard: *See—*
- Bechtold, James H., Lustman, and Scott.
- Scott, Howard. 2,696,823, Cl. 134—122.
- Scott, Howard M., Philadelphia, Pa., assignor to Radio Corporation of America. Amplitude modulated pulse translating circuits. 2,673,330, Mar. 23.
- Scott, James M., and T. Danelius, to Colgate-Palmolive Co. 2,696,284, Cl. 193—35.
- Scott, Joseph L.: *See—*
- Lapinski, Walter F., and Scott.
- Scott, Milton J.: *See—*
- Cohen, Oscar P., and Scott. 2,676,896.
- Rossin, Elmer H., and Scott. 2,686,137.
- Scott, Norman D., to Standard Oil Development Co. 2,690,612, Cl. 29—213.
- Scott, Ralph W., San Mateo, Calif. Collapsible hand truck. 2,672,348, Mar. 16.
- Scott, Robert C. 2,693,698, Cl. 73—83.
- Scott, Tom: *See—*
- Howorth, Sydney A., and Scott.
- Scott-Viner Co., The: *See—*
- Krier, Alexander O. 2,693,069.
- Scott, Walter A., assignor to The De Laval Separator Company, Poughkeepsie, N. Y. Airtight milking machine. 2,667,855, Feb. 2.
- Scott, Walter A., to The De Laval Separator Co. 2,688,500, Cl. 285—129.
- Scott, Walter J.: *See—*
- Babbitt, Bethel J., Kulie, and Scott. 2,696,167.
- Scott, Walter J. 2,679,073, Cl. 19—165.
- Scott, Walter L., Long Beach, Calif. Child's pocketed target game apparatus. 2,672,345, Mar. 16.
- Scott, Walter S. 2,679,913, Cl. 189—36.5.
- Scott, Willard R.: *See—*
- Rohrbach, Gilson H., McCloud, and Scott. 2,684,332.
- Rohrbach, Gilson H., McCloud, and Scott. 2,684,333.
- Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Bus bar housing. Re. 23,811, Mar. 30.
- Scott, William M., Jr., to I-T-E Circuit Breaker Co. 2,695,345, Cl. 200—89.

- Scott & Williams, Inc.: *See*—
 Allen, John M.
 Belford, Alexander.
 Ide, Whitman D.
 Lawson, Robert H. 2,694,908.
 McDonough, John J.
 Miller, John H. 2,688,323.
- Scotts Engineering (Newport) Ltd.: *See*—
 Burdin, Nelson V. 2,684,192.
- Scovill Mfg. Co.: *See*—
 Carpinella, Michael J. 2,683,908.
 Carpinella, Michael J. 2,688,785.
 Duell, Morgan V.
 Duell, Morgan V. 2,679,154.
 Fenton, Paul E. 2,688,784.
 Fenton, Paul E., and Carpinella.
 Firing, Osborne. 2,689,390.
 Hormann, Frank R.
 Johnson, Robert E. 2,691,627.
 Spender, Donald L.
 Spender, Donald L., and Bassett. 2,693,390.
 Spender, Donald L., and Kachergis. 2,679,409.
 Treclokas, Jacob P.
 Wadinger, Walter P.
 Williams, Selden T. 2,685,906.
- Scovill, Warner E., Lakewood, assignor to The Standard Oil Company, Cleveland, Ohio. Treating hydrocarbons. 2,686,733, Jan. 19.
- Scoville, S. Ellis: *See*—
 Miller, James R. 2,694,366.
- Seranton, Charles J., and R. L. Worrell, to Allis-Chalmers Mfg. Co. 2,685,161, Cl. 56—220.
- Screen Printing Machinery Ltd.: *See*—
 Freeborn, James E. 2,681,004.
- Scremin, Eric H.: *See*—
 Sonia, Joseph A., and Scremin. 2,674,620.
- Serenock, Joseph J., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Self-lubricating bearing. 2,672,443, Mar. 16.
- Scriabine, Igor, Lyon, assignor to Societe des Usines Chimiques Rhone Poulenc, Paris, France. Production of phenol and acetone. 2,668,859, Feb. 9.
- Scriabine, Igor, assignor to Societe des Usines Chimiques Rhone-Poulenc. 2,674,629, Cl. 260—610.
- Scribinger, Archie R., to The Fuller Brush Co. 2,682,069, Cl. 15—104.06.
- Script-Aid Corp.: *See*—
 Segal, Robert H., Klion, Herbst, and Peckjian. 2,696,753.
- Scripture, Edward W., Jr., to The Master Builders Co. 2,690,975, Cl. 106—90.
- Scrivener, Samuel, Jr.: *See*—
 Nyman, Stephen H. 2,681,591.
- Scruggs, Charles H., Tampa, Fla. Feeding device for animals such as quail. 2,666,415, Jan. 19.
- Scrutchfield, Paul H., assignor to American Cyanamid Company. 2,675,369, Cl. 260—72.5.
- Scuderi, John. 2,676,831, Cl. 294—15.
- Scudi, John V., New York, and L. E. Tenenbaum, Brooklyn, assignors to Nepera Chemical Co. Inc., Yonkers, N. Y. Arylethers of glycerol bis-chloralhemiacetal. 2,666,082, Jan. 12.
- Scudi, John V., and G. F. Grall, Bronx, assignors to Nepera Chemical Co. Inc., Yonkers, N. Y. N-alpha-naphthyl N,N',N'-trialkylethylene diamines. 2,670,376, Feb. 23.
- Scudi, John V., A. F. Moschetto, and G. Mayurnik, assignors to Nepera Chemical Co. Inc. 2,680,742, Cl. 260—294.9.
- Scull, William S., 2nd: *See*—
 Matthews, Ralph E., Jr. 2,696,297.
- Scullin, Carl H., to Westinghouse Electric Corp. 2,683,237, Cl. 313—308.
- Scullin Steel Co., assignee: *See*—
 Spinner, Fred H.
- Scully, Edwin N. 2,676,701, Cl. 206—58.
- Scully, John T., New York, N. Y. Safety razor. 2,669,777, Feb. 23.
- Scurlock, Lewis H. 2,692,515, Cl. 74—711.
- Scutt, Francis E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Bracket for air filters. 2,672,212, Mar. 16.
- Seaberg, Ernest E., assignor to Carnoy Products Corporation. 2,680,546, Cl. 226—20.6.
- Seaboard Electric Co., The: *See*—
 Buchtenkirch, Arthur J. 2,690,484.
- Seaboard Machinery Corp.: *See*—
 Jernstrom, Karl W. 2,697,998.
- Seaborg, Glenn T., and K. Street, Jr., to the United States of America as represented by the United States Atomic Energy Commission. 2,698,290, Cl. 204—154.
- Seabury, Edwin M., to Radio Corp. of America. 2,695,953, Cl. 250—20.
- Seabury, Frank, II. 2,693,639, Cl. 30—16.
- Seaholm, Charles H. 2,690,016, Cl. 33—164.
- Seaholm, Rudolph V., Chicago, Ill. Self-cleaning strainer. 2,667,975, Feb. 2.
- Sea Island Mills, Inc., assignee: *See*—
 Bond, Orson H., and Wright. 2,674,010.
- Sealady Seafood Corp.: *See*—
 Fraticelli, Pasquale. 2,687,356.
- Sealed Power Corp.: *See*—
 Davis, Lewis M. 2,685,484.
 Olson, Holly M. 2,690,365.
- Sealer, Richard E.: *See*—
 Parke, Donald C., and Sealer. 2,692,932.
- Sealer, Richard E., and D. R. Scott. 2,680,558, Cl. 124—19.
- Sealey, William C., assignor to Allis-Chalmers Manufacturing Company. 2,675,520, Cl. 323—43.5.
- Seaman, Blair C.: *See*—
 Hutchins, Charles C., and Seaman. 2,697,809.
 Hutchins, Charles C., and Seaman. 2,697,810.
- Seaman, Edward L., to S. & W. Sewing Machine Attachment Co. 2,682,843, Cl. 112—134.
- Seaman, Edward L., to S. & W. Sewing Machine Attachment Co. 2,692,738, Cl. 242—158.
- Seaman, Francis E., to Lock Joint Pipe Co. 2,686,951, Cl. 25—127.
- Seaman, Francis E., to Lock Joint Pipe Co. 2,687,331, Cl. 302—52.
- Seaman, Stewart E. 2,698,234, Cl. 92—11.
- Seamans, James O., to Western Electric Co., Inc. 2,695,961, Cl. 250—36.
- Seamless Rubber Co., The: *See*—
 Crowley, Cornelius J. 2,688,488.
 Manville, Charles T.
- Seamon, Louis, Brooklyn, N. Y. Anchor means for wallet pockets. 2,666,467, Jan. 19.
- Seanon, Rex C.: *See*—
 Rehab, James, Wallace, and Seanon. 2,696,635.
- Seapak Corp.: *See*—
 Hice, Jaxon O., and Meadows. 2,698,098.
- Seaplant Chemical Corporation, assignee: *See*—
 Baker, George L.
- Sear, Arthur W. 2,687,744, Cl. 137—416.
- Searer, Jay C.: *See*—
 Less, Frank W., Roeck, and Searer. 2,692,246.
- Searl, Alonzo H.: *See*—
 Moore, Donald W., and Searl.
- Searle, Charles E.: *See*—
 Rimington, Claude, Lawson, Searle, and Morlay.
- Searle, G. D., & Co.: *See*—
 Bergstrom, Clarence G. 2,684,968.
 Burtner, Robert R. 2,676,968.
 Burtner, Robert R. 2,688,022.
 Burtner, Robert R. 2,690,441.
 Colton, Frank B.
 Colton, Frank B. 2,691,028.
 Colton, Frank B., and Ralls. 2,694,080.
 Cusic, John W.
 Cusic, John W. 2,674,597.
 Cusic, John W. 2,681,911.
 Cusic, John W. 2,681,912.
 Cusic, John W. 2,681,913.
 Cusic, John W. 2,681,929.
 Cusic, John W. 2,683,735.
 Cusic, John W. 2,683,737.
 Cusic, John W. 2,683,742.
 Cusic, John W. 2,687,414.
 Cusic, John W. 2,694,705.
 Cusic, John W. 2,694,706.
 Cusic, John W. 2,698,327.
 Cusic, John W., Robinson, and Dornfeld. 2,676,966.
 Dodson, Raymond M. 2,697,109.
 Dornfeld, Clinton A. 2,691,017.
 Dornfeld, Clinton A., and Cusic. 2,681,932.
 Dornfeld, Clinton A., and Hedtke. 2,683,718.
 Hechter, Oscar, Jacobsen, Jeanloz, Levy, Pincus, Schenker, and Marshall.
 Hoehn, Willard M. 2,676,184.
 Hoehn, Willard M. 2,681,367.
 Hoehn, Willard M. 2,682,555.
 Huffman, Max N. 2,682,548.
 Jeanloz, Roger, Hechter, Pincus, and Schenker. 2,676,904.
 Jenkins, William W.
 Jenkins, William W. 2,681,931.
 Jenkins, William W. 2,688,021.
 Krimmel, Carl P.
 Krimmel, Carl P. 2,678,321.
 Krimmel, Carl P. 2,688,026.
 Krimmel, Carl P. 2,690,422.
 McNiven, Neal L. 2,688,030.
 Papesch, Viktor.
 Picha, George M. 2,694,069.
 Pincus, Gregory, and Hechter.
 Ralls, Jack W. 2,686,789.
 Robinson, Richard A. 2,683,146.
 Robinson, Richard A. 2,692,285.
 Rorig, Kurt.
 Rorig, Kurt J. 2,681,359.
- Searle, John L., assignor to Detroit Steel Products Company. 2,678,209, Cl. 267—50.
- Searle, Merton A., Lincoln, Nebr. Food flavoring. 2,665,988, Jan. 12.
- Searle, Raymond W., Weston, assignor to Technology Instrument Corporation, Acton, Mass. Translatory potentiometer. 2,668,218, Feb. 2.
- Searle, Robert F., Mobile, Ala., assignor to Arkell and Smiths. Paste applicator for paper bag sleeves. 2,665,661, Jan. 12.
- Searles, Edward: *See*—
 Coppard, Anthony H., Hallas, King, and Searles. 2,689,334.
- Searls, Edward C., assignor to Winget Limited. 2,674,328, Cl. 180—26.
- Searls, Edward C. 2,681,126, Cl. 184—6.

- Sears, Daniel S., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Reaction product of silicon monoxide and ammonia and rubber compositions containing the same. 2,666,754, Jan. 19.
- Sears, Edward A.: *See—*
- Gallion, Harold V., and Sears. 2,678,792.
- Sears, Hartley M., to Hartley Pen Co. 2,693,170, Cl. 120—42.03.
- Sears, Joseph N.: *See—*
- Ray, Charles H., and Sears.
- Sears, Merle M. 2,675,783, Cl. 119—82.
- Sears, Raymond W.: *See—*
- Jonas, Herbert C., and Sears.
- Sears, Raymond W., assignor to Bell Telephone Laboratories, Incorporated. 2,675,499, Cl. 315—12.
- Sears, Richard E., to The Cleveland Pneumatic Tool Co. 2,688,951, Cl. 121—38.
- Sears, Richard I.: *See—*
- Greenwood, Ernest J., Sears, and Thorjusen. 2,698,149.
- Sears, Robert L., and A. W. Craig, Des Moines, Iowa. Mason's aligning fixture. 2,672,691, Mar. 23.
- Sears, Roebuck and Co.: *See—*
- Cline, Truman H. 2,689,776.
- Hill, Stanley E. 2,692,506.
- Seaton, Ann H. 2,694,264, Cl. 35—35.
- Seats, Peter: *See—*
- Bayford, Leslie J. C., and Seats. 2,681,293.
- Seaver, Jay J. 2,675,864, Cl. 158—1.
- Seaver, Robert G., to American Bosch Arma Corp. Re. 23,889, Cl. 123—140.
- Seaver, Robert G., to American Bosch Corp. 2,683,445, Cl. 123—140.
- Seavey, Frederick R., to Olin Industries, Inc. 2,684,287, Cl. 23—266.
- Seavey, Frederick R., to Olin Industries, Inc. 2,691,800, Cl. 18—47.2.
- Seavey, Robert W., to Paragon Gear Works, Inc. 2,694,367, Cl. 103—126.
- Sebago-Moc Shoe Company, assignee: *See—*
- McConnell, Roland G.
- Se Bastian, Ford, assignor to Electro-Snap Switch & Mfg. Co. 2,680,019, Cl. 272—1.
- Sebastiani, Josef: *See—*
- Sebastiani, Peter and J.
- Sebastiani, Peter and J., Ueberlingen-Bodensee, Germany. Instrument for locating defects in machinery, pipe lines, and the like. 2,670,806, Mar. 2.
- Sebel, D., and Co. Ltd.: *See—*
- Sebel, Harry. 2,697,299.
- Sebel, Harry, to D. Sebel and Co. Ltd. 2,697,299, Cl. 46—111.
- Sebell, Harry, to Reynolds Metals Co. 2,684,791, Cl. 222—386.
- Sebell, Harry, Syracuse, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Paint can. 2,672,256, Mar. 16.
- Sebell, Norman I.: *See—*
- Johnson, Walter A., and Sebell. 2,686,587.
- Sebens, Carl R., assignor to General Electric Company. 2,680,409, Cl. 103—103.
- Sebert, Harry I.: *See—*
- Shuttleworth, Vivian C., and Sebert. 2,681,560.
- Sebesta, Alfred C., assignor to International Business Machines Corporation. 2,675,170, Cl. 229—68.
- Sebok, Frank: *See—*
- Sebok, Joseph B. and F. 2,680,899.
- Sebok, Joseph B. and F. 2,691,426.
- Sebok, Frank, to Houdaille-Hershey Corp. 2,681,123, Cl. 183—20.
- Sebok, Joseph B., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Underwater air cleaner. 2,665,771, Jan. 12.
- Sebok, Joseph B., to Houdaille-Hershey Corp. 2,681,120, Cl. 181—36.
- Sebok, Joseph B., to Houdaille-Hershey Corp. 2,691,424, Cl. 183—44.
- Sebok, Joseph B. and F., to Houdaille-Hershey Corp. 2,680,899, Cl. 29—148.
- Sebok, Joseph B. and F., to Houdaille-Hershey Corp. 2,691,426, Cl. 183—49.
- Seborg, Earnest Y.: *See—*
- Caldwell, Harry J., and Seborg.
- Seborg, Earnest Y., assignor to Barnes Drill Co., Rockford, Ill. Control mechanism for honing machines. 2,667,016, Jan. 26.
- Sechand, Rene F., assignee: *See—*
- Gaudin, Charles. 2,680,499.
- Seck, Werner G.: *See—*
- Gerber, Dale C., Swann, and Seck. 2,687,284.
- Seck, Werner G., to The Hoover Co. 2,689,969, Cl. 15—351.
- Seck, Werner G., to The Hoover Co. 2,695,631, Cl. 138—56.
- Secondo, Mateo J. 2,691,353, Cl. 111—52.
- Secord, Campbell H., assignor to Power Jets (Research and Development) Limited. 2,677,234, Cl. 60—39.02.
- Secord, Campbell H., assignor to Power Jets (Research and Development) Limited. 2,677,235, Cl. 60—39.05.
- Secord, Lloyd C.: *See—*
- Purvis, Joseph T., and Secord.
- Secrist, Horace A., to The Kendall Co. 2,688,864, Cl. 68—158.
- Secrist, Horace A., to The Kendall Co. 2,697,048, Cl. 117—140.
- Security Steel Equipment Corporation, assignee: *See—*
- Card, Earl J. 2,678,854.
- Woodin, Walter E. 2,676,866.
- Seddon, Robert M., Walmley, Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London County, England. Resilient suspension springs. 2,670,200, Feb. 23.
- Seddon, Robert M., to Dunlop Rubber Co. Ltd. 2,681,235, Cl. 280—283.
- Seddon, Robert M., to Dunlop Rubber Co. Ltd. 2,683,034, Cl. 267—63.
- Seddon, Robert M., to Dunlop Rubber Co. Ltd. 2,683,044, Cl. 280—276.
- Sedgwick, Robert K., to American Steel Foundries. 2,690,768, Cl. 137—788.
- Sédille, Marcel H. L.: *See—*
- Anxionnaz, René, and Sédille. 2,693,674.
- Sédille, Marcel H. L., assignor to Societe Rateau (Societe Anonyme). 2,677,062, Cl. 290—2.
- Sedlacek, Rudolph F.: *See—*
- Simons, Homer C., and Sedlacek. 2,675,588.
- Sedlak, Thomas J.: *See—*
- Fuller, Charles E., and Sedlak. 2,675,013.
- Sedlock, Carl P. 2,690,786, Cl. 155—9.
- See, Theodore S., and H. A. Frommelt, assignors to La Salle Steel Company. 2,680,283, Cl. 29—105.
- Seeberg, Victor P.: *See—*
- Pilcher, Karl S., and Seeberg. 2,675,340.
- Seeberger, Fred B., 1/2 to H. H. Kennedy. 2,685,131, Cl. 30—355.
- Seeburg, J. P., Corporation, assignee: *See—*
- Gierwiatowski, Olgierd.
- Seeburger, Frederic E., to J. I. Case Co. 2,681,813, Cl. 280—456.
- Seed, John B., West Kilbridge, Scotland, assignor to Imperial Chemical Industries Limited. Apparatus for removing gases from a liquid. 2,663,598, Feb. 9.
- Seeger, Doris R.: *See—*
- Kuh, Erwin, and Seeger.
- Seeger, Edwin W.: *See—*
- Rosing, Theodore F., and Seeger.
- Seeger, Edwin W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric motors and other translating devices. 2,666,175, Jan. 12.
- Seeger, Edwin W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Printing press drive. 2,673,315, Mar. 23.
- Seeger, Nelson V.: *See—*
- Mastin, Thomas G., and Seeger. 2,683,727.
- Mastin, Thomas G., and Seeger. 2,683,728.
- Seeger, Nelson V., and T. G. Mastin, to The Goodyear Tire & Rubber Co. 2,683,729, Cl. 260—453.
- Seeger, Nelson V., and E. E. Fauser, to The Goodyear Tire & Rubber Co. 2,683,730, Cl. 260—453.
- Seeger Refrigerator Co.: *See—*
- Alsing, Carl F. 2,697,916.
- Alsing, Carl F., and Dill. 2,677,250.
- Ayres, Russell W., and Swanson. 2,682,155.
- Duncan, Thomas W. 2,697,332.
- Herndon, William B., Jr. 2,687,023.
- Nadler, Harry. 2,687,625.
- Seeger, Robert W.: *See—*
- Felts, Gordon P., and Seeger. 2,694,190.
- Seeger, Robert W., and G. P. Felts, of 1/2 to M. H. Lewis. 2,690,173, Cl. 128—25.
- Seegers, Glen A., to Illinois Tool Works. 2,696,855, Cl. 144—32.
- Seegrst, Theodore A. 2,681,982, Cl. 240—10.68.
- Seelenbinder, Robert F., to International Steel Wool Corp. 2,696,629, Cl. 15—209.
- Seeler, Henry. Re. 23,845, Cl. 128—29.
- Seeler, Henry, Dayton, Ohio, assignor to the United States of America as represented by the Secretary of the Air Force. Positive pressure resuscitator. 2,664,881, Jan. 5.
- Seeler, Henry. 2,697,538, Cl. 220—47.
- Seeley, Frank H., and E. W. Petri. 2,679,192, Cl. 89—14.
- Seeley, Kermit L., Los Angeles, Calif. Coffee measure and dispenser having an integral handle and closure operating member. 2,668,427, Feb. 9.
- Seelhoff, Manley R., assignor to Redmond Company, Inc., Owosso, Mich. Commutator testing apparatus. 2,668,618, Feb. 9.
- Seelhoff, Manley R., assignor to Redmond Company, Inc. 2,677,962, Cl. 73—134.
- Seelig, Albert F., Jr.: *See—*
- Bachman, Fred E., and Seelig. 2,686,576.
- Seelig, Albert F., Jr., Granite City, assignor to American Steel Foundries, Chicago, Ill. Axle assembly. 2,668,051, Feb. 2.
- Seelig, Gertrude. 2,683,478, Cl. 150—33.
- Seeloff, Melvin M., and J. H. Cooper, assignors to The Taylor-Winfield Corporation, Warren, Ohio. Rotary electrode assembly. 2,673,333, Mar. 23.
- Seemann, William A., Piedra, Calif. Form and holding means therefor. 2,669,000, Feb. 16.
- Seemann, William H., Jr. 2,675,143, Cl. 222—5.
- Seeney, George H., to The National Cash Register Co. 2,694,972, Cl. 101—67.
- See-Qual Package Corp, assignee: *See—*
- Murphy, Joseph E., and Schnall. 2,680,513.

- Seetru Products Limited, assignee: *See*—
Varga, Otto H., Moulton, and Taylor. 2,674,477.
- Seever, John B., to Cortland Industries, Inc. 2,696,609, Cl. 340—367.
- Seewer, Paul W., to The English Electric Co. Ltd. 2,684,227, Cl. 253—24.
- Sefried, Harry H., II. 2,679,124, Cl. 42—75.
- Sefton Fibre Can Co.: *See*—
Graves, Charles B. 2,681,284.
- Segal, Bernard: *See*—
Gilbert, Jack. 2,694,958.
- Segal, Leonard V. 2,675,249, Cl. 281—15.
- Segal, Robert H., S. J. Klion, J. G. Herbst, and A. J. Peckjian, 15% to said Klion and 85% to Script-Aid Corp. 2,696,753, Cl. 88—28.
- Segal, Samuel, New York, N. Y. Lock. 2,666,661, Jan. 19.
- Segal, Samuel, New York, N. Y., assignor to Wilson-Jones Company, Chicago, Ill. Removable staple supporting slide for stapling machines. 2,667,638, Feb. 2.
- Segal, Samuel, New York, N. Y., assignor to Willson-Jones Company, Chicago, Ill. Vertically adjustable posting stand. 2,672,385, Mar. 16.
- Segal, Samuel, assignor to Wilson-Jones Co. 2,678,046, Cl. 129—23.
- Segal, Samuel. 2,696,726, Cl. 70—370.
- Segal, Samuel, New York, N. Y., and E. Cairelli, assignors to Wilson-Jones Company, Chicago, Ill. Vertically adjustable posting stand. 2,672,386, Mar. 16.
- Segall, Louis H.: *See*—
Graham, James M., and Segall. 2,698,402.
- Segel, Edward, Chicago, Ill., assignor to Corn Products Refining Company, New York, N. Y. Preparation of decahydropyrrrole-(a,d)-pyrazine. 2,673,203, Mar. 23.
- Segelhorst, August L., and W. W. Stokes. 2,685,891, Cl. 137—614.16.
- Seger, Francis M.: *See*—
Garwood, William E., Seger, and Sachanen. 2,681,905.
- Seger, William E. 2,681,203, Cl. 254—77.
- Segerstad, Carl G. H. 2,686,532, Cl. 137—500.
- Segesman, Francis E., to Schlumberger Well Surveying Corp. 2,695,820, Cl. 308—4.
- Segesman, Louis E., Canton, assignor to The Hoover Company, North Canton, Ohio. Conversion arrangement for suction cleaners. 2,668,314, Feb. 9.
- Segesman, Louis E., Canton, assignor to The Hoover Company, North Canton, Ohio. Counterbalancing means for pivoted motor suction cleaners. 2,671,924, Mar. 16.
- Segesman, Louis E., assignor to The Hoover Company. 2,677,846, Cl. 15—333.
- Segesman, Louis E., to The Hoover Co. 2,688,671, Cl. 200—61.58.
- Segesser, John R.: *See*—
Hunter, Melvin V., and Segesser.
- Segil, Leon J., to Luminous Ceilings, Inc. 2,695,652, Cl. 154—30.
- Segl, Walter E., assignor to Hercules Powder Company, Wilmington, Del. Digestion of cellulose-bearing material. 2,673,690, Mar. 30.
- Segraves, Thomas M. 2,685,811, Cl. 82—33.
- Segre, James, New York, N. Y. Apparatus for molding corrugated asbestos-cement sheets. 2,668,574, Feb. 9.
- Segsworth, Robert S., assignor to The General Engineering Company (Canada) Limited, Toronto, Ontario, Canada. Dual frequency induction heating apparatus. 2,669,647, Feb. 16.
- Segsworth, Robert S., assignor to The General Engineering Company (Canada) Limited, Toronto, Ontario, Canada. Method and apparatus for heating stacked plates. 2,671,160, Mar. 2.
- Segura, Marnell A.: *See*—
Starr, Charles E., Jr., and Segura. 2,694,674.
- Seibert, Arthur: *See*—
Schulz, Hans, and Seibert. 2,685,229.
- Seibert, Ernest H.: *See*—
Krause, Richard S., and Seibert.
- Seibert, Laurence H. 2,679,417, Cl. 292—247.
- Seidenberg, Henry, assignee: *See*—
Mueller, Herman H.
- Seidenfaden, Wilhelm, and H. Albert, Offenbach am Main, Germany. Diazonium compounds. 2,668,166, Feb. 2.
- Seidenfaden, Wilhelm, and K. Löhe, Offenbach am Main, assignors to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Bruning, Frankfurt, Germany. Antidiazotates of aromatic amines containing basic substituents in the nucleus and preparing the same. 2,673,846, Mar. 30.
- Seiders, John L., Woodward, Iowa. Plant propagation. 2,672,710, Mar. 23.
- Seidle, Rudolph. 2,686,388, Cl. 46—120.
- Seidler, William. 2,686,313, Cl. 2—75.
- Seidman, Irving: *See*—
Chalfin, Norman L. 2,680,786.
- Chalfin, Norman L. 2,693,364.
- Seidman, Martin, Chicago, Ill., and K. P. Link, Middleton, assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Chemical compounds and preparing the same. 2,665,281, Jan. 5.
- Seidman, Richard L. 2,693,233, Cl. 164—42.
- Seidman, Richard L. 2,693,234, Cl. 164—43.
- Seifert, David W., Jr.: *See*—
Seifert, David W., Sr., and D. W. Seifert, Jr. 2,685,878.
- Seifert, David W., Sr., and D. W. Seifert, Jr. 2,685,878, Cl. 128—218.
- Seifert, Richard: *See*—
Maybach, Karl, and Seifert. 2,688,259.
- Seiferth, Oscar E., to Oscar Mayer & Co., Inc. 2,686,129, Cl. 99—174.
- Seiferth, Oscar E., to Oscar Mayer & Co., Inc. 2,686,929, Cl. 17—34.
- Seifried, Lyle W.: *See*—
Haig, Elmer A., and Seifried. 2,693,756.
- Seifried, Paul E.: *See*—
Konet, Henry, and Seifried. 2,694,314.
- Seifried, Richard, assignee: *See*—
Gray, Landon R., and Smith. 2,676,639.
- Wheeler, Walter G., and Kramer. 2,676,638.
- Seifter, Joseph: *See*—
Bruce, William F., and Seifter. 2,676,188.
- Bruce, William F., and Seifter. 2,678,948.
- Bruce, William F., and Seifter. 2,692,265.
- Seifter, Joseph, to American Home Products Corp. 2,687,366, Cl. 167—65.
- Seigle, William, Dallas, Tex. Spring cushioning insole. 2,668,374, Feb. 9.
- Seilberger, Eugene G. 2,678,809, Cl. 259—108.
- Seiler, Arthur J., to Main Products Corp. 2,696,865, Cl. 154—3.
- Seiler, Charles J.: *See*—
Rankin, Lanning P., and Seiler. 2,675,335.
- Seiler, Fritz, to Edouard Dubied & Cie (Société Anonyme). 2,691,879, Cl. 66—128.
- Seinfeld, Emmy M.: *See*—
Seinfeld, Ludwik R. 2,695,565.
- Seinfeld, Ludwik R. 2,695,694.
- Seinfeld, Ludwik R., deceased; E. M. Seinfeld, administratrix, to herself. 2,695,565, Cl. 103—117.
- Seinfeld, Ludwik R., deceased; E. M. Seinfeld, administratrix, to herself. 2,695,694, Cl. 192—58.
- Seismograph Service Corp.: *See*—
Hawkins, James E. 2,693,245.
- Klotz, Robert L., Jr. 2,683,414.
- Seitz, Karl: *See*—
Anderau, Walter, and Seitz. 2,693,467.
- Seitz, Ludwig, to Maschinenfabrik Augsburg-Nürnberg A. G. 2,685,282, Cl. 123—195.
- Seitz, Paul S., Glen Rock, Pa. Coin exhibiting device. 2,672,977, Mar. 23.
- Sejeck, Arthur W.: *See*—
Pollock, Willard M., and Sejeck.
- Seko, Kaichi, assignor of one-fourth to M. Tsubota, Seattle, Wash. Razor head. 2,669,017, Feb. 16.
- Selas Corp. of America: *See*—
Blaha, Emil.
- Dietrich, Karl L.
- Henwood, James B. 2,696,875.
- Hess, Frederic O. 2,689,605.
- Hess, Frederic O., Furczyk, and Gildersleeve. 2,694,246.
- Morck, Charles W., Jr.
- Selberg, John P., to Dresser Equipment Co. 2,683,584, Cl. 254—148.
- Selby Shoe Co.: *See*—
Carson, Gordon B. 2,694,131.
- Selby, William. 2,691,859, Cl. 56—1.
- Selck, Walter E., and Co., assignee: *See*—
Drain, Herbert D.
- Selden, Irvin H. 2,682,576, Cl. 179—18.
- Selditch, Harry. 2,694,325, Cl. 81—5.1.
- Selectronics, Inc.: *See*—
Minnich, Edward L. 2,691,111.
- Minnich, Edward L. 2,694,779.
- Selce, Charles L. 2,693,509, Cl. 179—146.
- Selent, Adolf, and H. J. Long. 2,676,017, Cl. 273—106.5.
- Seletzky, Constantin C. 2,679,740, Cl. 67—4.1.
- Self-Changing Gear Company Limited, assignee: *See*—
Miller, Albert A., and Wilson.
- Selfridge, Duncan I. 2,693,936, Cl. 254—182.
- Selfridge, Frank W.: *See*—
Takewell, Robert B., and Selfridge. 2,674,522.
- Self Winding Clock Company, Inc., assignee: *See*—
Maerz, Henry.
- Seligman, Arthur. 2,690,763, Cl. 137—516.11.
- Seljos, Arthur L.: *See*—
Crookston, Robert R., and Seljos.
- Sell, Peter G. 2,684,504, Cl. 18—59.
- Sell, Theodore W., assignor to Leverage Hand Brake Company. 2,674,902, Cl. 74—484.
- Sellards, Lyle L., San Antonio, Tex. Tire deflation indicator for automotive vehicles. 2,673,261, Mar. 23.
- Sellars, George L.: *See*—
Barber, Hiram L., and Sellars. 2,696,816.
- Sellars, Richard B.: *See*—
Senger, Frank A., and Sellars. 2,697,057.
- Sellas, John A.: *See*—
Washbourne, Robert C., and Sellas. 2,677,926.
- Sellers Engineering Company, assignee: *See*—
Olsen, Ove M. 2,680,429.
- Sellers, Frederick B., assignor to Texaco Development Corporation, New York, N. Y. Gasifying carbonaceous solids. 2,669,509, Feb. 16.
- Sellers, William D.: *See*—
Cummins, Harry D. 2,693,725.
- Sellers, William H. 2,681,523, Cl. 40—70.
- Sellet, Lucien, and W. O. Dawson, to Jacques Wolf & Co. 2,690,434, Cl. 260—21.
- Sellon, Milo G., Kansas City, Mo. Backlash preventing attachment for fishing reels. 2,673,044, Mar. 23.

- Sells-Simmons Hydrostatic Bailer Corp.: *See*—
Simmons, Archie L. 2,692,648.
- Sellstrom, Lawrence T., assignor to Knudsen Creamery Co., of California, Los Angeles, Calif. Highway truck with self-contained refrigeration systems. 2,667,761, Feb. 2.
- Sell Well Industries Inc., assignee: *See*—
Chatlyne, Bert H., and Herget.
- Selman, Richard F.: *See*—
Shonka, Francis R., Okleshen, and Selman. 2,687,480.
Shonka, Francis R., and Selman. 2,682,583.
- Selman, Roland W., and L. F. Marnett, to C. J. Patterson Co. 2,684,904, Cl. 99—27.
- Selmix Dispensers, Inc., assignee: *See*—
Brown, Clyde A. 2,678,064.
- Selove, Walter, to the United States of America as represented by the Secretary of the Navy. 2,691,098, Cl. 250—20.
- Sel-Set Co.: *See*—
Balch, Theodore H., and Van De Mark. 2,696,853.
- Selsted, Walter T., assignor to Ampex Electric Corporation. 2,680,386, Cl. 74—574.
- Seltzer, Robert E., assignor to Spred-All, Inc. 2,680,539, Cl. 222—177.
- Selway, Thomas C., to The Glenn L. Martin Co. 2,684,866, Cl. 299—131.
- Semegen, Stephen T., to The B. F. Goodrich Co. 2,681,096, Cl. 154—17.
- Senco Products, Inc.: *See*—
Juifls, Albert G. 2,687,522.
- Seneca Falls Machine Co.: *See*—
Smith, Edwin R. 2,675,514.
Smith, Edwin R. 2,687,044.
- Seney, John S., assignor to E. I. du Pont de Nemours and Company. 2,676,495, Cl. 74—395.
- Senfleben, Paul W., to United Shoe Machinery Corp. 2,689,964, Cl. 12—10.4.
- Senfleben, Paul W., to United Shoe Machinery Corp. 2,696,623, Cl. 12—15.
- Senft, Russell W., assignor to Armstrong Cork Company. 2,674,835, Cl. 51—254.
- Seng Co., The: *See*—
Fox, Martin. 2,686,558.
- Seng, James H. 2,691,963, Cl. 121—46.
- Sengebusch, Hans: *See*—
Graybill, Kenneth W., and Sengebusch. 2,680,783.
- Sengebusch, Hans, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Switching apparatus for telephone systems. 2,673,247, Mar. 23.
- Sengebusch, Hans, assignor to Automatic Electric Laboratories, Inc. 2,677,017, Cl. 179—27.52.
- Sengebusch, Hans, to Automatic Electric Laboratories, Inc. 2,681,961, Cl. 200—104.
- Sengebusch, Hans, to Automatic Electric Laboratories, Inc. 2,684,408, Cl. 179—27.52.
- Sengebusch, Hans, to Automatic Electric Laboratories, Inc. 2,695,336, Cl. 179—27.52.
- Senger, Frank A., and R. B. Sellars, to Ortho Pharmaceutical Corp. 2,697,057, Cl. 154—110.
- Senger, Ulrich. 2,684,568, Cl. 60—1.
- Senior, Henry, J. Hensman, and W. T. Ward, assignors, by mesne assignments, to American Character Doll Company. 2,675,644, Cl. 46—135.
- Senior, John H., Germantown, and H. B. Riehl, Norristown, assignors to Proctor & Schwartz, Inc., Philadelphia, Pa. Fiber blending apparatus. 2,665,453, Jan. 12.
- Senior, John H., and H. B. Riehl, assignors to Proctor & Schwartz, Inc. 2,676,361, Cl. 19—79.
- Senior, William J.: *See*—
Szaloki, Zoltan, Senior, and Knowles.
- Senitzky, Israel R., to the United States of America as represented by the Secretary of the Army. 2,691,758, Cl. 324—33.
- Senkowski, Alexander, Earlsdon, Coventry, and W. Czarnocki, assignors to Harry Ferguson, Limited, Coventry, England. Pump valve actuation. 2,673,528, Mar. 30.
- Senn, Arthur L., assignor to Colby Steel & Manufacturing, Inc. 2,677,141, Cl. 14—71.
- Senn, Jurg A.: *See*—
Morrison, David, and Senn. 2,686,862.
- Senn, Jurg A., assignor to Perfex Corporation, Milwaukee, Wis. Condition responsive device. 2,671,838, Mar. 9.
- Senn, Jurg A., to Kearney & Trecker Corp. 2,682,203, Cl. 90—21.
- Senn, Jurg A., and H. R. Schlichting, to Kearney & Trecker Corp. 2,694,961, Cl. 90—21.
- Senn, Oliver F., assignor, by mesne assignments, to Maumee Development Company, Toledo, Ohio. Preparing ortho sulfonyl chloride benzoic acid esters. 2,667,503, Jan. 26.
- Senn, Otto: *See*—
Ruckstuhl, Hans, Senn, and Wehrli.
- Senna, Edward. 2,676,604, Cl. 137—171.
- Senna, Edward. 2,689,483, Cl. 74—230.16.
- Sennet, Morgan B., to De Laval Steam Turbine Co. 2,693,762, Cl. 103—128.
- Sennet, Morgan B., to De Laval Steam Turbine Co. 2,693,763, Cl. 103—128.
- Sennewald, Kurt, K. K. Koln, and A. Wolfram, Frankfurt, assignors to Knapsack-Griesheim Aktiengesellschaft, Knapsack near Koln, Germany. Dehalogenation of halogeno acetic acids by hydrogenation. 2,671,803, Mar. 9.
- Sens, Fred T., to Owens-Corning Fiberglas Corp. 2,687,781, Cl. 183—49.
- Sensibar, Jacob R. 2,693,282, Cl. 214—15.
- Sensiper, Samuel, assignor to The Sperry Corporation. 2,680,837, Cl. 324—58.
- Sensiper, Samuel, to The Sperry Corp. 2,682,641, Cl. 333—81.
- Sensiper, Samuel, to The Sperry Corp. 2,684,469, Cl. 333—81.
- Sepahban, Amir H., to Monroe Calculating Machine Co. 2,685,682, Cl. 340—174.
- Sepco 45 B. d'Sebastopol: *See*—
Hardy, René. 2,694,749.
- Sepersky, Joseph M., Brooklyn, N. Y. Airflight whirling device. 2,667,352, Jan. 26.
- Seppala, Mikko. 2,686,380, Cl. 43—9.
- Serafin, John L. 2,695,783, Cl. 272—1.
- Seragnoli, Ariosto. 2,687,649, Cl. 74—44.
- Sergent, Walter H., to Ideal Wrapping Machine Co. 2,681,624, Cl. 107—8.
- Serna, Alex. 2,677,066, Cl. 310—178.
- Serniuk, George E.: *See*—
Bartlett, Jeffrey H., Morway, and Serniuk. 2,692,232.
- Serniuk, George E., and J. D. Garber, assignors to Standard Oil Development Company. 2,676,933, Cl. 260—23.7.
- Serrell, Morton A.: *See*—
Shepard, Ward, Jr., Serrell, Beyer, and Robertson. 2,680,669.
- Serrell, Peter V. H. 2,683,912, Cl. 25—127.
- Serrell, Robert, to Radio Corp. of America. 2,696,600, Cl. 340—174.
- Serrick Corp.: *See*—
Lee, Edward F., and McIntosh. 2,684,103.
- Ser Vaas, Corena S. 2,675,551, Cl. 2—52.
- Servel, Inc.: *See*—
Anderson, Philip P., Jr. 2,685,782.
Hainsworth, William R.
Hughes, Harry E. 2,684,043.
Massier, John.
McNeely, Lowell. 2,689,465.
O'Brien, William L. 2,684,207.
Phillips, Benjamin A. 2,691,281.
Simpson, Walter M. 2,685,781.
Townsend, Russell S. 2,676,864.
Whitlow, Eugene P. 2,689,466.
- Service Metal Fabricators, Inc., assignee: *See*—
Vani, James, and Malpede. 2,676,600.
- Service Pipe Line Company, assignee: *See*—
Hill, Arthur M. 2,679,173.
- Servilla, William J. 2,677,179, Cl. 30—256.
- Servit Foods Corp.: *See*—
Hauser, Bertram. 2,687,764.
- Servo Corp. of America: *See*—
Macklem, F. Sutherland. 2,686,290.
Macklem, F. Sutherland. 2,686,291.
Macklem, F. Sutherland. 2,686,292.
- Servomechanisms, Inc.: *See*—
Attura, George M. 2,687,503.
Bellis, Maurice O. 2,678,360.
Brady, James M.
Moore, David W., Jr. 2,686,698.
Shannon, William W., Redemske, and Attura. 2,689,319.
- Sesler, Hugh G., Warren, Ohio. Mast support. 2,667,318, Jan. 26.
- Sesnie, Arthur A.: *See*—
Van Zandt, Harvey, and Sesnie.
- Sessions Clock Company, The, assignee: *See*—
Bradley, Caton.
- Sessoms, Robert L. 2,674,248, Cl. 131—186.
- Setchell, Barton T. Re. 23,909, Cl. 315—27.
- Setecka, John C. 2,697,353, Cl. 73—429.
- Setlow, Charles R.: *See*—
Angelo, Joseph J., and Setlow. 2,674,142.
- Seton, Phyllis Z. 2,681,511, Cl. 33—180.
- Setright Registers Limited, assignee: *See*—
Adshead, Charles W. 2,674,894.
- Settineri, Thomas J., Sr., to Shapiro & Son Curtain Corp. 2,695,580, Cl. 112—79.
- Settlemyre, Warren K., Port Saint Joe, Fla. Coupling attachment for tractor drawn plow. 2,667,710, Feb. 2.
- Settles, James C., assignor to The Buckeye Steel Castings Company. 2,674,204, Cl. 105—197.
- Setzer, Logan E., and C. B. Watts, Jr., to International Standard Electric Corp. 2,689,345, Cl. 343—101.
- Seulen, Gerhard, and F. Alf, Remscheid-Hasten, assignors to Deutsche Edelstahlwerke Aktiengesellschaft, Krefeld, Germany. Producing tubes from strip material. 2,666,831, Jan. 19.
- Seulen, Gerhard W., Remscheid, assignor to Deutsche Edelstahlwerke Aktiengesellschaft, Krefeld, Germany. Inductor for the heat treatment of workpieces, especially crankshafts. 2,665,367, Jan. 5.
- Sevall, Herbert E.: *See*—
Howard, Hartley W., Block, and Sevall.
- Sevebeck, Laurin L., to Western Electric Co., Inc. 2,698,212, Cl. 312—186.
- Seven, Raymond P., and J. J. Miyashiro, assignors to Ringwood Chemical Corporation. 2,679,498, Cl. 260—141.
- Sevens, Gerard M.: *See*—
De Cat, Arthur H., Sevens, and Van Dormael.
- Sevenstrand Tackle Mfg. Co.: *See*—
Brignall, Clarence R. 2,683,306.

- Severance, Joe, Grangeville, assignor of one-half to R. C. Chatten, Boise, Idaho. Cultivating row crops. 2,669,067, Feb. 16.
- Severance, Joe, Eden, assignor of one-half to R. C. Chatten, Boise, Idaho. Rotary cultivator. 2,669,173, Feb. 16.
- Severance, Joe, to R. C. Chatten. 2,694,967, Cl. 97—35.
- Severance, Rollin M., to Severance Tool Industries, Inc. 2,696,744, Cl. 77—73.5.
- Severance Tool Industries, Inc.: *See*—Severance, Rollin M. 2,696,744.
- Severns, Joe D.: *See*—Riddle, Lester P., and Severns. 2,689,635.
- Seversen, Harry N., assignee: *See*—Jaros, Joseph F.
- Severson, Alfred L., assignor to The Chicago Lighthouse For The Blind. 2,675,949, Cl. 223—107.
- Severson, Ole C., to The Viking Tool Co. 2,684,520, Cl. 29—105.
- Sevick, Richard D., to The Allison Company. 2,690,632, Cl. 51—207.
- Seward, Percy R., deceased; P. R. Seward, Jr., administrator, to Addressograph-Multigraph Corp. 2,693,870, Cl. 193—43.
- Seward, Percy R., Jr.: *See*—Seward, Percy R. 2,693,870.
- Sewell, Ben W., Tulsa, Okla., assignor to Standard Oil Development Company. Apparatus for locating uncemented portions of well casings. 2,672,050, Mar. 16.
- Sewell, Ben W., and J. M. Camp, Tulsa, Okla., assignors to Standard Oil Development Company. Seismograph cable handling device. 2,670,926, Mar. 2.
- Sewell, Donald B.: *See*—Gester, George C., Jr., and Sewell.
- Sewell, Donald N., Kennett Square, Pa. Wrecking tool. 2,666,985, Jan. 26.
- Sewell, Edward R. 2,687,607, Cl. 56—25.4.
- Sewig, Rudolf F., to Voigtlander & Sohn Aktiengesellschaft. 2,691,925, Cl. 95—31.
- Sexton, Arthur R., to The Dow Chemical Co. 2,693,488, Cl. 260—513.
- Sexton Can Company Incorporated, assignee: *See*—Sexton, Edward W.
- Sexton, Charles E. 2,697,378, Cl. 88—24.
- Sexton, Edward W., Cambridge, assignor to Sexton Can Company Incorporated, Everett, Mass. Table with detachable box. 2,667,392, Jan. 26.
- Sexton, Joseph P., Jr.: *See*—Tanke, Willard H., and Sexton. 2,692,543.
- Seybold, Frederick W., Westfield, N. J., assignor to E. P. Lawson Co., Inc., New York, N. Y. Back gauge indicator. 2,673,611, Mar. 30.
- Seybold, Joseph F.: *See*—Weiss, Felix, and Seybold. 2,687,334.
- Seybold, René. 2,698,360, Cl. 179—171.
- Seyerlein, Andrew J., Hasbrouck Heights, N. J. Drive for web winding apparatus. 2,673,692, Mar. 30.
- Seyferth, Harold N., to Ex-Cell-O Corp. 2,694,414, Cl. 137—625.44.
- Seyffert, Marion B., Hampton, Va. Air bearing apparatus. 2,671,700, Mar. 9.
- Seyffert, Walter H., Jr., Houston, Tex., assignor to Camco, Incorporated. Differential flow valve for wells. 2,668,554, Feb. 9.
- Seyforth, Rome C., to The Shelby Metal Products Co. 2,683,530, Cl. 206—80.
- Seyler, Léon A. 2,693,766, Cl. 103—149.
- Seymour, Malcolm, to B. B. Chemical Co. 2,681,877, Cl. 154—95.
- Seymour, Raymond B., to The Atlas Mineral Products Co. of Pennsylvania. 2,690,411, Cl. 154—43.
- Seymour, Raymond B., Emmaus, and R. P. Desch, Allentown, assignors to The Atlas Mineral Products Company of Pennsylvania, Mertztown, Pa. Acid-catalyzed furfuryl alcohol resin bonding material. 2,669,552, Feb. 16.
- Seymour, Raymond B., and W. R. Pascoe assignors to The Atlas Mineral Products Company of Pennsylvania. 2,675,365, Cl. 260—41.
- Seymour, Raymond B., R. H. Steiner, and R. Desch, to The Atlas Mineral Products Co. of Pennsylvania. 2,689,237, Cl. 260—33.6.
- Seymour, Samuel L.: *See*—Duncan, James E., and Seymour. 2,683,666.
- Seymour, Smith & Son, Inc.: *See*—Smith, Justin L. 2,683,311.
- Seyter, William C., W. Mender, and T. Windisch, to The Torsion Balance Co. 2,690,906, Cl. 265—60.
- Seyter, William C., W. Mender, and T. Windisch, to The Torsion Balance Co. 2,690,948, Cl. 312—138.
- Sforza del Pesaro, Kasimir M., assignor to Jet Helicopter Corporation. 2,679,364, Cl. 244—7.
- Sforza del Pesaro, Kasimir M., to Jet Helicopter Corp. 2,688,371, Cl. 170—135.4.
- Shabaker, Hubert A.: *See*—Burtis, Theodore A., and Shabaker. 2,675,275.
- Shabaker, Hubert A., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Gel powder preparation. 2,669,547, Feb. 16.
- Shabica, Anthony C.: *See*—Lanzilotti, Anthony E., Shabica, and Ziegler.
- Shacikoski, Anthony: *See*—Curry, Charles H., and Shacikoski. 2,692,758.
- Shacklett, Joseph B., and O. D. Riseden, to American Lava Corp. 2,689,098, Cl. 242—157.
- Shafer, Clarence W., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Pipe cutter with rotary cutter. 2,660,984, Jan. 26.
- Shafer, Hiram D., assignor to American Viscose Corporation. 2,674,841, Cl. 57—76.
- Shafer, James A., to National Malleable and Steel Castings Co. 2,697,989, Cl. 105—197.
- Shafer, James C., to Continental Wire Corp. 2,686,451, Cl. 87—1.
- Shafer, Julius E. 2,676,853, Cl. 308—72.
- Shafer, Theodore C.: *See*—Emerson, William S., Longley, and Shafer. 2,680,118.
- Shafer, William L., Jr., to Bell Telephone Laboratories, Inc. 2,686,843, Cl. 179—27.
- Shaff, Ernest H., to Keller Tool Co. 2,684,698, Cl. 144—32.
- Shaff, Ernest H., to Keller Tool Co. 2,693,728, Cl. 81—57.
- Shaffer, Clifford A.: *See*—Chronic, Clarence C., and Shaffer. 2,696,808.
- Shaffer, Donald U., and A. E. Wilde, to Shaffer Tool Works. 2,690,320, Cl. 251—2.
- Shaffer, Harry S., assignee: *See*—Smyth, Leo A.
- Shaffer, Stanley E. 2,684,077, Cl. 137—410.
- Shaffer, Thomas G., assignor to Westinghouse Electric Corporation. 2,676,561, Cl. 118—3.
- Shaffer, Thomas N., and D. E. Houghton, assignors to Reed Research, Inc. 2,675,952, Cl. 226—127.
- Shaffer Tool Works: *See*—Shaffer, Donald U., and Wilde. 2,690,320.
- Shaffer, Walter M., assignor to Towmotor Corporation, Cleveland, Ohio. Multicylinder hydraulic lift truck. 2,670,811, Mar. 2.
- Shaffer, William H., Birch Run, and W. Stenger, Bridgeport, Mich. Vehicle steering wheel locking device. 2,669,882, Feb. 23.
- Shager, Bernise J.: *See*—Pool, Stuart D., and Shager. 2,680,624.
- Shager, Daniel G. 2,697,243, Cl. 16—33.
- Shahan, Louie W., Selma, Ala. Artificial fish lure. 2,665,513, Jan. 12.
- Shahnazarian, Harold J.: *See*—Tuttle, John R., Jr., and Shahnazarian. 2,683,061.
- Shahovskoy, George, assignor to Eli Lilly and Company, Indianapolis, Ind. Ergot separation. 2,673,852, Mar. 30.
- Shahovskoy, George S., and G. H. Svoboda, to Eli Lilly and Co. 2,689,851, Cl. 260—285.5.
- Shaikun, Cleo, Louisville, Ky. Main and auxiliary mirror assembly. 2,668,477, Feb. 9.
- Shakesby, Leonard, and F. L. Sainsbury, assignors to Canada Cycle and Motor Company Limited, Weston, Ontario, Canada. Crankcase of bicycle frame. 2,670,219, Feb. 23.
- Shakespeare Co.: *See*—Shakespeare, Henry G., and Harrington. 2,687,855.
- Shakespeare, Henry G., and G. D. Harrington, assignors to Shakespeare Company, Kalamazoo, Mich. Spinning type fishing reel. 2,665,856, Jan. 12.
- Shakespeare, Henry G., and G. D. Harrington, to Shakespeare Co. 2,687,855, Cl. 242—84.4.
- Shaler, Saul. 2,676,401, Cl. 30—230.
- Shaler, Saul. 2,676,402, Cl. 30—230.
- Shaler, Saul. 2,682,108, Cl. 30—230.
- Shalit, Harold: *See*—Lien, Arthur P., and Shalit. 2,677,648.
- Shalit, Harold, J. F. Deters, and A. P. Lien, to Standard Oil Co. 2,690,417, Cl. 196—14.15.
- Shalit, Harold, and A. P. Lien, to Standard Oil Co. 2,697,694, Cl. 252—59.
- Shallcross Controls, Inc.: *See*—Morrow, John A. 2,687,615.
- Shallcross Manufacturing Company, assignee: *See*—Wakefield, Richard E. B. 2,674,678.
- Shallenberg, Walter A., assignor to The Deming Company, Salem, Ohio. Pump. 2,667,842, Feb. 2.
- Shambaugh, James P.: *See*—Fahnestock, Frank C., Shambaugh, and Howard. 2,697,685.
- Shamroth, Jack, Bristol, assignor to Bowser Technical Refrigeration, division of Bowser, Inc., Terryville, Conn. Hinge for doors. 2,672,644, Mar. 23.
- Shamsky, Burton. 2,676,588, Cl. 128—76.5.
- Shanahan, Curtis M., to Container Corp. of America. 2,694,504, Cl. 220—111.
- Shank, Clifford A.: *See*—Brown, Norman M., Jr., and Shank. 2,684,459.
- Shanks, Charles K. 2,684,399, Cl. 174—137.
- Shannon, Fred L. 2,687,191, Cl. 188—234.
- Shannon, Harold S., Detroit, Mich., assignor to National Steel Corporation. Prefabricated building structure. 2,667,241, Jan. 26.
- Shannon, Harry F.: *See*—Blair, David C., and Shannon.
- Shannon, Jack F.: *See*—Dickey, Paul S., and Shannon. 2,698,141.
- Gorrie, Harvard H., and Shannon. 2,679,829.
- Gorrie, Harvard H., and Shannon. 2,679,862.
- Shannon, Jack F., to Bailey Meter Co. 2,684,473, Cl. 340—178.
- Shannon, Jack F., and R. C. Aberegg, to Bailey Meter Co. 2,690,871, Cl. 235—61.
- Shannon, James F. 2,676,357, Cl. 18—30.

- Shannon, John K. 2,697,129, Cl. 136—178.
 Shannon, Joseph, Beaumont, Tex. Submerged well drilling equipment anchoring means. 2,669,846, Feb. 23.
 Shannon Limited, The, assignee: *See*—
 Addison, James E. 2,679,846.
 Shannon, William W., R. F. Redemske, and G. M. Attura, to Servomechanisms, Inc. 2,689,319, Cl. 318—28.
 Shanta, Peter L. 2,694,700, Cl. 260—88.7.
 Shaper, Harry B., to Dyna-Labs, Inc. 2,681,389, Cl. 179—107.
 Shapiro, Clarence M. 2,690,350, Cl. 296—49.2.
 Shapiro, Clarence M. 2,697,632, Cl. 296—49.2.
 Shapiro, Gustave, Washington, D. C., assignor to the United States of America as represented by the Secretary of the Navy. Miniature electron tube stage assembly. 2,668,933, Feb. 9.
 Shapiro, Gustave, Washington, D. C., assignor to the United States of America as represented by the Secretary of the Navy. Multipoint temperature compensation for tuners. 2,669,699, Feb. 16.
 Shapiro, Hyman. 2,675,444, Cl. 200—115.5.
 Shapiro, Hymin, V. F. Hnizda, and G. Calingaert, assignors to Ethyl Corporation. 2,674,519, Cl. 23—79.
 Shapiro, Hymin, V. F. Hnizda, and G. Calingaert, assignors to Ethyl Corporation. 2,674,610, Cl. 260—437.
 Shapiro, Hymin, and I. T. Krohn, to Ethyl Corp. 2,688,628, Cl. 260—437.
 Shapiro, Jacob S.: *See*—
 Pullin, Cyril G., and Shapiro. 2,674,327.
 Pullin, Cyril G., and Shapiro. 2,674,327.
 Shapiro, Jacob S., and K. Watson, to Autogiro Co. of America. 2,686,019, Cl. 244—17.23.
 Shapiro, Justin J., Hyattsville, assignor to American Instrument Company, Inc., Silver Spring, Md. Apparatus for measuring the melting point of fusible materials. 2,669,863, Feb. 23.
 Shapiro, Mitchell. 2,682,213, Cl. 95—98.
 Shapiro, Philip J., assignor to the United States of America as represented by the Secretary of the Army. 2,680,063, Cl. 44—3.
 Shapiro, Samuel. 2,676,323, Cl. 2—97.
 Shapiro & Son Curtain Corp.: *See*—
 Settineri, Thomas J., Sr. 2,695,580.
 Sharat, Julius, assignor, by mesne assignments, to E. F. Svec, New York, N. Y. Pouch with sliderless fastener closure. 2,666,466, Jan. 19.
 Share, Barnett. 2,675,762, Cl. 103—113.
 Sharf, John M., and E. Powers, assignors to Armstrong Cork Company. 2,680,083, Cl. 134—6.
 Sharma, Devendra N. 2,679,725, Cl. 60—35.6.
 Sharma, Vishva N.: *See*—
 Aggarwal, Joti S., Sharma, and Gupta. 2,685,593.
 Sharon Steel Corp.: *See*—
 Wilson, Lorenz H., and Thompson. 2,684,291.
 Sharp, Albert: *See*—
 Sharp, Lewis and A.
 Sharp, Allen W.: *See*—
 Barker, Seth S., and Sharp. 2,691,795.
 Sharp, Allen W., to Barker Poultry Equipment Co. 2,694,220, Cl. 17—11.1.
 Sharp, Allen W., and E. S. Crane, to Barker Poultry Equipment Co. 2,688,765, Cl. 17—44.1.
 Sharp, Baxter R.: *See*—
 Sharp, Ruth C. 2,687,960.
 Sharp, Ewing L. 2,683,325, Cl. 43—43.14.
 Sharp, George G., Millburn, N. J., and L. Hansen, Crestwood, N. Y. Ship for transportation of wheeled containers. 2,672,840, Mar. 23.
 Sharp, Grady L., and W. A., Albuquerque, N. Mex. Watch crystal grinding apparatus. 2,671,295, Mar. 9.
 Sharp, John A. 2,690,234, Cl. 185—41.
 Sharp, John C., and W. P. McCarty, to General Electric Co. 2,687,633, Cl. 68—23.
 Sharp, Jonathan E., to Rose Mfg. Co. 2,691,479, Cl. 288—62.
 Sharp, Lewis and A., Huntington Park, Calif. Wrist exerciser. 2,668,055, Feb. 2.
 Sharp, Robert A. 2,677,353, Cl. 122—12.
 Sharp, Robert A. 2,677,813, Cl. 339—274.
 Sharp, Robert E. B. 2,687,280, Cl. 253—148.
 Sharp, Ruth C., 1/2 to B. R. Sharp. 2,687,960, Cl. 99—94.
 Sharp, Thomas A., to Remington Rand Inc. 2,694,481, Cl. 197—151.
 Sharp, William A.: *See*—
 Sharp, Grady L., and W. A.
 Sharpe, Arthur H., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Automatic control for accounting machines. 2,665,064, Jan. 5.
 Sharpe, Arthur H., to Underwood Corp. 2,684,198, Cl. 235—60.22.
 Sharpe, Eugene S.: *See*—
 Koepsell, Harold J., Kazenko, Jeanes, Sharpe, and Wilham.
 Sharples Chemicals Inc.: *See*—
 Barham, Harold N. 2,684,961.
 Goshorn, Roland H., and Levis. 2,677,690.
 Goshorn, Roland H., and Levis. 2,685,587.
 Goshorn, Roland H., and Levis. 2,685,588.
 Humphreys, David D. 2,685,604.
 Levis, William W., Jr. 2,697,098.
 Newcomer, Jack S.
 Olin, John F. 2,697,102.
 Orwell, Edward F.
 Tischler, Nathaniel. 2,681,853.
 Sharples Corp., The: *See*—
 Bryce, Hugh G. 2,697,725.
 Collier, Donald W. 2,697,724.
 Gooch, Fred P. 2,679,974.
 Sadler, Fred S.
 Sharples, Laurence P. 2,688,405.
 Sharples, Thomas D. 2,690,967.
 Sharples, Laurence P., to The Sharples Corp. 2,688,405, Cl. 210—67.
 Sharples, Thomas D., to The Sharples Corp. 2,690,967, Cl. 95—8.
 Sharpnack, Edwin V., Sr., to Reynolds Metals Co. 2,686,610, Cl. 220—5.
 Shattuck, Ewart H.: *See*—
 Runtun, Leslie A., and Shattuck. 2,698,044.
 Runtun, Leslie A., and Shattuck. 2,698,045.
 Shavel, John, Jr., and H. E. Zaugg, to Abbott Laboratories. 2,695,871, Cl. 202—205.
 Shaver, William R., and C. W. Osner, to Pullman-Standard Car Mfg. Co. 2,684,645, Cl. 105—308.
 Shaw, Bernard, New York, N. Y. Combined shopping bag and carrying case therefor. 2,671,486, Mar. 9.
 Shaw, Charles L.: *See*—
 Burroughs, Walter L., and Shaw. 2,698,084.
 Shaw, Curtis B.: *See*—
 Zinn, Julius A., Jr., and Shaw.
 Shaw, Elliott N., and J. Bernstein, to Mathieson Chemical Corp. 2,686,786, Cl. 260—294.8.
 Shaw, Ernest C., Flossmoor, Ill. Manufacture of fibrous material in sheet form. 2,672,672, Mar. 23.
 Shaw, Ernest C., Flossmoor, Ill. Manufacture of fibrous material for filters and the like. 2,672,673, Mar. 23.
 Shaw, Ernest C., Flossmoor, Ill. Manufacture of fibrous material in sheet form. 2,672,674, Mar. 23.
 Shaw, Ernest C. 2,685,458, Cl. 285—74.
 Shaw, Fred B., Jr. 2,690,256, Cl. 206—84.
 Shaw, Harmon L., Mokena, assignor to Perfecting Service Company, Chicago, Ill. Rotary connection. 2,673,748, Mar. 30.
 Shaw, Harry, Whitworth, Rochdale, assignor to Bitumex Limited, Rochdale, England. Apparatus for manufacturing tubular articles by extrusion. 2,666,947, Jan. 26.
 Shaw, Harry, A. Thompson, and P. A. Wood, assignors to Imperial Chemical Industries Limited. 2,680,093, Cl. 204—219.
 Shaw, Joseph D. 2,681,032, Cl. 116—114.
 Shaw, Loren E. 2,680,323, Cl. 43—91.
 Shaw, Louis E., Newark, N. J. Automatic belt tension take-up. 2,664,757, Jan. 5.
 Shaw, Louis E., Newark, N. J. Carrying rack. 2,671,583, Mar. 9.
 Shaw, Milton C., and C. D. Strang, Jr. 2,677,190, Cl. 33—178.
 Shaw, Milton C., and C. D. Strang, Jr. 2,680,376, Cl. 73—398.
 Shaw, Myril C., Stilton, assignor to Asbestos Textile Institute, New Brunswick, N. J. Apparatus for testing the resistance of textile fabric to abrasion, flexing, and creasing. 2,670,627, Mar. 2.
 Shaw, Paul A. 2,679,457, Cl. 99—7.
 Shaw, Paul B., Iowa City, Iowa. Water separator and filter for air pressure lines. 2,669,320, Feb. 16.
 Shaw, Richard A., assignor to Stackbin Corporation. 2,677,483, Cl. 222—556.
 Shaw, Richard A. 2,698,037, Cl. 146—73.
 Shaw and Slavsky, Inc.: *See*—
 Slavsky, Robert J., and J. R. 2,698,153.
 Shaw, Thomas, Cranston, R. I., assignor to Stackbin Corporation. Sliding storage rack. 2,665,097, Jan. 5.
 Shaw-Walker Co.: *See*—
 Burdick, John S., Nevins, and King.
 Fitzgerald, Russell C. 2,696,393.
 Page, John H. 2,692,811.
 Shaw, Willard C.: *See*—
 Burger, James S., Foust, Shaw, Rider, and McKee.
 Weiser, George L., and Shaw. 2,690,773.
 Shaw, Willard C., and W. C. Crim, to General Motors Corp. 2,696,321, Cl. 216—25.
 Shaw, William, E. B. MacLean, and T. R. Gregoire, to Saco-Lowell Shops. 2,681,478, Cl. 19—95.
 Shawinigan Chemicals Ltd.: *See*—
 Gamble, Terry S. 2,692,853.
 Shawinigan Water and Power Company, The, assignee: *See*—
 Eaton, Milton. 2,676,240.
 Shea, Frederick L., Jr., and H. L. Hsu, to Great Lakes Carbon Corp. 2,698,251, Cl. 106—120.
 Shea, Frederick L., Jr., and H. L. Hsu, to Great Lakes Carbon Corp. 2,698,256, Cl. 106—308.
 Shea, John E., Fairhaven, Va. Apparatus for measuring volumes of solid materials. 2,667,782, Feb. 2.
 Shea, Joseph L., Jr., J. V. Chandler, and M. G. Trusdel, to The Texas Co. 2,685,340, Cl. 166—4.
 Shea, Lindsey W., and J. C. Streb, to The Union Metal Mfg. Co. 2,690,277, Cl. 222—185.
 Shea, Patrick L. 2,687,922, Cl. 304—24.
 Sheadel, John M., Barberton, and J. J. Taylor, Wadsworth, assignors to The Ohio Brass Company, Mansfield, Ohio. Lightning arrester. 2,670,398, Feb. 23.
 Sheals, Vincent A.: *See*—
 Crandall, Eugene L., and Sheals. 2,690,984.
 Shealy, James W., assignee: *See*—
 Glaze, Paul E.

- Shearer, Newton H.: *See*—
Coover, Harry W., Jr., Dickey, and Shearer. 2,697,092.
- Shedd, Charles L. 2,686,675, Cl. 273—149.
- Sheehan, Edmund J., assignee: *See*—
Francek, Joseph R.
- Sheehan, John C., and M. Tishler, to Merck & Co., Inc. 2,687,412, Cl. 260—239.1.
- Sheehan, John C., and M. Tishler, to Merck & Co., Inc. 2,687,413, Cl. 260—239.1.
- Sheehan, John C., and M. Tishler, to Merck & Co., Inc. 2,691,651, Cl. 260—239.1.
- Sheehan, William E. 2,696,191, Cl. 102—86.5.
- Sheehe, Robert E. 2,676,330, Cl. 4—58.
- Sheeler, William E.: *See*—
Hemmerich, Hugo, Sheeler, and Endter. 2,675,703.
- Sheen, Robert T., Somerville, N. J., assignor to Milton Roy Company, Chestnut Hill, Pa. Titration system. 2,672,405, Mar. 16.
- Sheen, Robert T., assignor to Milton Roy Company. 2,678,541, Cl. 62—1.
- Sheets, Jesse F. 2,687,116, Cl. 120—9.
- Sheets, Marvin W.: *See*—
Hemphill, Lawrence F., and Sheets. 2,682,005.
- Sheetwood Products Co., The: *See*—
Goss, Worth C.
Goss, Worth C. Re. 23,829.
Goss, Worth C. 2,693,619.
Goss, Worth C. 2,694,013.
- Sheetz, John W., 3rd: *See*—
Lion, Kurt S., and Sheetz. 2,696,566.
Lion, Kurt S., and Sheetz. 2,696,584.
- Sheetz, Lloyd B., assignor to Allegheny Ludlum Steel Corporation. 2,678,208, Cl. 266—6.
- Sheffer, John W., Glen Ridge, E. A. Watson, Ridgewood, and A. C. Schanz, Glen Ridge, N. J., assignors to American Car and Foundry Company, New York, N. Y. Assembling railroad cars. 2,671,957, Mar. 16.
- Sheffer, John W., E. A. Watson, and A. C. Schanz, assignors to American Car and Foundry Company. 2,680,420, Cl. 113—99.
- Sheffield Bronze Paint Corp., The: *See*—
Braunstein, Morris. 2,676,935.
Braunstein, Morris. 2,694,691.
- Sheffield Corp., The: *See*—
Aller, Willis F. 2,677,325.
Aller, Willis F. 2,683,983.
Aller, Willis F. 2,686,424.
Aller, Willis F. 2,687,038.
Aller, Willis F. 2,691,827.
Aller, Willis F., and McConnell. 2,675,622.
Boll, Victor J. 2,681,027.
Polk, Louis F., and Clark. 2,697,964.
Rauch, Konrad. 2,675,651.
Wylie, Roy A. 2,680,912.
- Sheffield Smelting Company Limited, The, assignee: *See*—
Land, Thomas, and Jewell. 2,677,005.
- Sheffield, Washington K.: *See*—
Wetherby-Williams, Arthur V. 2,695,743.
- Sheidler, Robert G., and T. B. Clark, assignors to The Tappan Stove Company. 2,678,544, Cl. 62—102.
- Sheidler, Robert G., and T. B. Clark, to The Tappan Stove Co. 2,683,795, Cl. 219—35.
- Sheils, Marie I. 2,678,673, Cl. 150—39.
- Sheinbart, Harry F. 2,674,821, Cl. 40—132.
- Shekels, Harold F., assignor to United States Steel Corporation. 2,676,833, Cl. 294—67.
- Shelanski, Herman A., and A. Cantor assignors to General Aniline & Film Corporation. 2,675,341, Cl. 167—65.
- Shelburne, Augustine and J. T. 2,687,739, Cl. 137—87.
- Shelburne, Clyde D., Shelburn, Ind. Spinner-type fishing reel. 2,672,301, Mar. 16.
- Shelburne, John T.: *See*—
Shelburne, Augustine and J. T. 2,687,739.
- Shelby Metal Products Co., The: *See*—
Seyforth, Rome C. 2,683,530.
- Sheldon, Butler, Jr., assignor to Coin Counters Corporation. 2,678,525, Cl. 53—114.
- Sheldon, Charles W., Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Desk clock. 2,665,542, Jan. 12.
- Sheldon, Dean, and O. Rasmussen. 2,686,521, Cl. 128—346.
- Sheldon, Donald F., to Minneapolis-Honeywell Regulator Co. 2,688,103, Cl. 310—254.
- Sheldon, E. H., & Co.: *See*—
Morrow, Harry S. 2,694,612.
- Sheldon, Edward E., New York, N. Y. Photocathode. Re. 23,802, Mar. 16.
- Sheldon, Edward E. 2,690,516, Cl. 313—65.
- Sheldon, Edward E. 2,697,181, Cl. 313—61.
- Sheldon, Edward E. 2,697,182, Cl. 313—65.
- Sheldon, Fred R.: *See*—
McEwen, Robert L., and Sheldon. 2,692,181.
- Sheley, Wayne H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Apparatus for machining and internal cylindrical surface. 2,669,888, Feb. 23.
- Shell Development Co.: *See*—
Adelson, David E.
Arabian, Karekin G.
Bakalar, Arthur B., and Sullivan.
Ballard, Seaver A., Finch, and Peterson. 2,693,497.
- Shell Development Co.: *See*—Continued
Ballard, Seaver A., Morris, and Buis. 2,687,403.
Ballard, Seaver A., and Whetstone. 2,675,413.
Becker, Aloysius J. 2,687,806.
Bluestone, Henry. 2,676,132.
Bondi, Arnold A. 2,678,918.
Bonner, William A.
Bradley, Theodore F.
Broderon, Charles K. 2,674,880.
Buis, Marinus.
Busso, Charles J., and Walters.
Caples, Donald B., Willoughby, and Datt.
Caron, John B. R., Wies, and Glendenning. 2,684,292.
Chandler, William H.
Claridge, Elmond L., and Foecking. 2,682,395.
Condo, Fred E., and Newey. 2,674,585.
Condo, Fred E., and Vinograd. 2,674,593.
Crake, Wilfred S.
Crake, Wilfred S. 2,678,190.
Crake, Wilfred S. 2,678,696.
Crake, Wilfred S. 2,694,670.
Dannenberg, Hans.
Dannenberg, Hans. 2,687,397.
Dawson, Reginald D. 2,675,352.
Deming, Philip H., and Dannenberg.
Den Hertog, Herman J., and Bruin.
De Nie, Willem L. J. 2,695,834.
Detling, Kenneth D., Knight, and Williamson.
Dunlop, Arthur K., Douslin, and Pierotti. 2,695,217.
Echols, Leonard S. 2,688,001.
Engel, Willem F., and Hoog. 2,697,683.
Fay, Charles H. 2,678,399.
Fay, Charles H. 2,679,757.
Fetterly, Lloyd C.
Finch, Harry de V., and Furman. 2,684,984.
Fortuin, Jan F., and Waterman.
Garner, Philip J., Winsor, and Lumb. 2,687,439.
Gignoux, John R.
Göbel, Johannes, and Stuve.
Good, George M., Gibson, and Greensfelder.
Good, George M., and Holzman. 2,678,337.
Graham, Robert.
Greensfelder, Bernard S., and Moore. 2,674,634.
Gregory, James N. 2,674,379.
Gregory, James N. 2,681,795.
Guthrie, Hugh D., Strand, and Olney. 2,682,394.
Hackmann, Johannes T. 2,690,457.
Hallikainen, Kauko E., and Pompeo.
Harman, Denham. 2,685,567.
Haur, Vernon E. 2,692,283.
Haur, Vernon E. 2,692,284.
Hilmer, Frederick B. 2,695,859.
Hoogstraaten, Jacques P. G. 2,697,667.
Hurd, Charles O.
Jakob, Robert H., Tess, and Bradley.
Johnson, Ava J., Liedholm, and Lowman. 2,694,037.
Kingston, Benson M. 2,695,671.
Kolvooort, Egbert C. H.
Kress, Walter E. 2,679,470.
McKinney, Howard E.
McKinney, Howard E., and Broussard. 2,677,427.
McMillan, Frank M., and Sullivan.
McMillan, Frank M., and Sullivan. 2,684,949.
Mecorney, John W., and Gaertner. 2,697,730.
Melstrom, Donald S., and Carlson. 2,676,185.
Menn, Jacob J., and Wallace.
Meyers, Douglas C., and Slagle. 2,674,434.
Miller, Frank L.
Mondria, Hendrik. 2,698,279.
Moore, Robert J.
Morris, Rupert C. 2,674,616.
Morris, Rupert C., and Buis. 2,677,678.
Morris, Rupert C., Shokal, and Buis.
Naps, Marguerite. 2,682,515.
Newey, Herbert A. 2,682,514.
Nixon, Alan C. 2,675,410.
Nozaki, Kenzie.
Permann, Karl. 2,685,343.
Peters, Leslie M. 2,686,813.
Peterson, Walter H., and Saarni. 2,679,479.
Redlich, Otto, and Gable. 2,684,935.
Ronay, Geza S.
Rush, Elmer H. 2,698,363.
Ryan, Julian G., and Hayes. 2,684,334.
Ryland, Lloyd B. 2,688,003.
Schiermeier, Knapel F. 2,687,965.
Schoenmakers, Pieter J., and van de Putte. 2,698,171.
Skinner, John R., and Savage. 2,681,314.
Smith, Curtis W. 2,691,663.
Smith, Vigo N., and Eltenton. 2,674,696.
Smith, William C., and Masterton. 2,678,951.
Soloway, Samuel B. 2,676,131.
Soloway, Samuel B. 2,694,073.
Stiles, Alan R. 2,685,552.
Talbot, Gus E. 2,674,201.
Talley, Samuel K., Beaubien, and Richardson. 2,692,859.
Talley, Samuel K., and Reamer. 2,682,523.
Tappmeyer, Ronald A. 2,678,605.
Tappmeyer, Ronald A. 2,681,705.
Thrope, Roy E., and Bell. 2,683,691.
Tjepkema, Jacobus J. 2,691,661.

- Shell Development Co.: *See*—Continued.
 Van Dijk, Willem J. D., and Mazee. 2,685,557.
 Van Houten, Hermanus T., Smulders, and van Zee-land.
 Van Winkle, John L., and Morris. 2,681,920.
 Vinograd, Jerome R., and Stross.
 Voge, Herve H., and Atkins. 2,680,752.
 Watson, Forrest J. 2,686,760.
 Wiles, Quentin T., and Elam. 2,681,901.
 Woods, Harold A., and Edgar. 2,676,149.
 Shell, Julius P., Detroit, Mich., assignor to Douglas Tool Company. Flywheel. 2,669,130, Feb. 16.
 Shellmar Products Corporation, assignee: *See*—
 Burger, Martin. 2,677,491.
 Cranem, Harold S. 2,677,490.
 Shelton, Eugene M. 2,688,915, Cl. 101—35.
 Shelton, Ira J. 2,686,563, Cl. 153—108.
 Shelton, Leonard L., assignor to Houston Oil Field Material Company, Inc., Houston, Tex. Combination jar and key seat reamer. 2,665,887, Jan. 12.
 Shelton, Malcolm C. 2,678,189, Cl. 254—28.
 Shelton, Russell O., and G. H. Dale, to Phillips Petroleum Co. 2,689,819, Cl. 196—14.19.
 Shelton, Winston L., to General Electric Co. 2,687,216, Cl. 210—94.
 Shemet, Alexander M. 2,688,820, Cl. 46—49.
 Shenk, Eugene R.: *See*—
 Liguori, Anthony, Shenk, and Kishi. 2,688,051.
 Shenk, Eugene R., Fairlawn, N. J., A. Liguori, New York, and A. E. Canfora, Brooklyn, N. Y., assignors to Radio Corporation of America. Electronic multiplex transmitter. 2,671,132, Mar. 2.
 Shenk, Robert H., to American Flexible Coupling Co. 2,682,760, Cl. 64—9.
 Shenton, Thomas W., West Simsbury Township, Hartford County, assignor to Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Three-wire attachment plug receptacle. 2,672,593, Mar. 16.
 Shepard, Donald C., Jr.: *See*—
 Suess, Ralph T., and Shepard. 2,692,720.
 Shepard, Edward S., to Trustees of Boston College. 2,697,203, Cl. 324—57.
 Shepard, Edwin R., to Eli Lilly and Co. 2,683,713, Cl. 260—286.
 Shepard Elevator Co., The: *See*—
 Hancock, Harold E., and Schneider. 2,690,236.
 Schneider, Carl A., and Hancock. 2,698,067.
 Shepard, Ernest L., to Keyes Fibre Co. 2,691,456, Cl. 217—26.5.
 Shepard, Hayden W., and W. H. Davis, Jr., to Multiple Products Corp. 2,686,340, Cl. 20—16.
 Shepard, Ralph W. 2,696,722, Cl. 66—165.
 Shepard, Richard L.: *See*—
 Kuh, Erwin, and Shepard.
 Shepard, Ward, Jr., M. A. Serrell, G. L. Beyer, Jr., and A. F. Robertson. 2,680,669, Cl. 346—110.
 Shepardson, Wilfred B.: *See*—
 Ryan, Patrick P., and Shepardson. 2,688,576.
 Shephard, Donald: *See*—
 Luers, John M., and Shephard. 2,688,791.
 Shepherd, Albert, $\frac{1}{2}$ to Trepheine Instruments, Inc. 2,696,963, Cl. 248—229.
 Shepherd, Allan D., El Cerrito, R. M. McCready, and H. S. Owens, Berkeley, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Low-methoxyl pectin gels and making the same. 2,673,157, Mar. 23.
 Shepherd, Douglas A., J. A. Campbell, and B. A. Johnson, to The Upjohn Co. 2,697,106, Cl. 260—397.2.
 Shepherd, Edward F. 2,682,126, Cl. 43—1.
 Shepherd, James C., assignor to Universal Business Forms, Inc. 2,678,223, Cl. 282—23.
 Shepherd, Judson O., Atlanta, Ga. Data recording system. 2,668,875, Feb. 9.
 Shepherd, Judson O'D., to American Telephone and Telegraph Co. 2,691,064, Cl. 179—7.1.
 Shepherd, Robert G., and J. P. English, to American Cyanamid Co. 2,684,374, Cl. 260—396.
 Shepherd Tractor & Equipment Co., assignee: *See*—
 Palmiter, Daniel A. 2,674,817.
 Shepherdson, William L., assignor of sixty-six and two-thirds per cent to J. E. Meacham, Phoenix, Ariz. Knock-down chair. 2,669,295, Feb. 16.
 Shepherdson, William L., $33\frac{1}{3}\%$ to J. E. Meacham, and $33\frac{1}{3}\%$ to H. A. Norvill. 2,683,483, Cl. 155—196.
 Sheppard, Edward A.: *See*—
 Stevens, Sydney A., and Sheppard.
 Sheppard, Raymond, Schenectady, and P. G. Ipsen, Niskayuna, N. Y., assignors to General Electric Company. Valve actuating mechanism. 2,666,452, Jan. 19.
 Sheppard, Richard H., Hanover, Pa. Valve seat insert. 2,665,675, Jan. 12.
 Sheppard, Richard H. 2,679,792, Cl. 97—47.88.
 Sheppard, William L., to Chrysler Corp. 2,697,363, Cl. 74—47.2.
 Sheppard, William V., Rainworth, England. Coal cutting machine with reversely positionable twin shearing jibs. 2,671,653, Mar. 9.
 Sher, Rudolph, to the United States of America as represented by the Secretary of the Navy. 2,686,284, Cl. 318—282.
 Sher, Rudolph, D. B. Nicholson, and C. W. Schultz, assignors to the United States of America as represented by the Secretary of the Navy. 2,677,797, Cl. 318—282.
 Sherborne, John E., Whittier, assignor to Union Oil Company of California, Los Angeles, Calif. Recovery of hydrocarbons. 2,670,801, Mar. 2.
 Sheridan, Claude M., and W. C. Benzer, to Allegheny Ludlum Steel Corp. 2,695,229, Cl. 75—128.
 Sheridan, John P. 2,696,681, Cl. 35—10.2.
 Sheridan, Joseph J., San Mateo, Calif. Advertising display device. 2,667,001, Jan. 26.
 Sherman, Albert. 2,697,060, Cl. 167—93.
 Sherman, Alex: *See*—
 Sherman, Ralph. 2,683,820.
 Sherman, Alvin G., to Globe American Corp. 2,687,125, Cl. 126—200.
 Sherman, Arnold: *See*—
 Sherman, Ralph. 2,683,820.
 Sherman, Bennett, Astoria, assignor to Farrand Optical Co., Inc., New York, N. Y. Double monochromator. 2,670,652, Mar. 2.
 Sherman, Charles A., assignor to Weyerhaeuser Timber Company, Tacoma, Wash. Machine for making plywood patches or pieces of predetermined shape. 2,667,193, Jan. 26.
 Sherman, Claudine R. 2,678,128, Cl. 206—56.
 Sherman, Delmar F., New Plymouth, Idaho. Rotary beet topper. 2,668,407, Feb. 9.
 Sherman, Donald W., assignor to A. O. Smith Corporation. 2,676,030, Cl. 280—106.
 Sherman, Edward: *See*—
 Dunlop, Andrew P., and Sherman. 2,681,349.
 Sherman, Edward, to The Quaker Oats Co. 2,684,981, Cl. 260—526.
 Sherman Footwear Co.: *See*—
 Sherman, Norman F. 2,695,464.
 Sherman, Harry H.: *See*—
 Silverman, Myer A., and Sherman.
 Sherman, Joseph E., and L. B. Jensen, assignors to Swift & Company. 2,676,105, Cl. 99—113.
 Sherman, Joseph E., and L. B. Jensen, to Swift & Co. 2,681,280, Cl. 99—113.
 Sherman, Kenneth C., New London, assignor to Electric Boat Company, Groton, Conn. Pin setting machine for bowling alleys. 2,670,205, Feb. 23.
 Sherman, Norman F., to Sherman Footwear Co. 2,695,464, Cl. 36—28.
 Sherman Products, Inc.: *See*—
 Tutton, Harry V. 2,693,839.
 Sherman, Rallston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Combustion method and apparatus. 2,669,297, Feb. 16.
 Sherman, Rallston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Apparatus for generating and delivering hot gaseous products. 2,669,443, Feb. 16.
 Sherman, Ralph, deceased; Alex and Arnold Sherman, executors. 2,683,820, Cl. 307—92.
 Sherman, Russell J., Great Neck, N. Y. Molding apparatus for molding material. 2,666,230, Jan. 19.
 Sherman, Vernon C., Plymouth, and B. H. Cole, Carver, Mass. Machine for applying straps to containers. 2,666,381, Jan. 19.
 Sherman, Whitney D.: *See*—
 Ahlmeyer, Heinz, and Sherman. 2,697,969.
 Sherman, Wilbur G., and C. E. Colling, San Diego, Calif. Pneumatic gun. 2,673,557, Mar. 30.
 Sherman, William G., Seattle, Wash. Clutch with toggle lever operator. 2,667,253, Jan. 26.
 Sherron, George W. 2,681,686, Cl. 155—9.
 Sherr, Rubby, Santa Fe, N. Mex., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Aircraft velocity indicating pulse echo system. 2,669,710, Feb. 16.
 Sherr, Solomon, to General Precision Laboratory Inc. 2,698,416, Cl. 323—22.
 Sherrick, Paul H., Winnetka, Ill., assignor to E. H. Sargent & Co. Radiant heating furnace. 2,671,123, Mar. 2.
 Sherriff, Fred, to Clark Equipment Co. 2,683,546, Cl. 214—652.
 Sherrill, George G., Troutmans, N. C. Mounting for carding machine cylinder shafts and the like. 2,665,954, Jan. 12.
 Sherrill, Price E., Jr., and G. H. Browne, to Cocker Machine & Foundry Co. 2,690,243, Cl. 192—3.5.
 Sherritt Gordon Mines Ltd.: *See*—
 Drake, Reginald T. N. 2,693,877.
 Mackiw, Vladimir N. 2,693,404.
 Mackiw, Vladimir N., and Nashner. 2,693,405.
 Sherry, Arthur J. 2,690,159, Cl. 119—26.
 Sherts, James H., assignor to Pittsburgh Plate Glass Company. 2,679,467, Cl. 154—2.73.
 Sherva, Clara, Portland, Ore. Patient's urinal. 2,666,209, Jan. 19.
 Sherwen, Joseph W., to The General Electric Co., Ltd. 2,681,419, Cl. 310—29.
 Sherwin, Lawrence W. 2,677,842, Cl. 15—210.
 Sherwin-Williams Co., The: *See*—
 Arvin, James A. 2,686,765.
 Arvin, James A., and Greenfield. 2,686,164.
 Christianson, Conrad J. 2,681,326.
 Coffey, Charles A., Ryan, and Whitehill. 2,694,015.
 Coolidge, Sollace B., Jr., and Sturges. 2,694,874.

- Sherwin-Williams Co., The: *See*—Continued
 Doubleday, Donald B. 2,675,129.
 Gehring, Harvey T. 2,683,699.
 Gehring, Harvey T. 2,683,700.
 Grummitt, Oliver J. 2,678,934.
 Grummitt, Oliver J., Blank, and Schwarz.
 Kuhn, Joseph M. 2,686,736.
 Ludwig, Thomas E., and Knapp. 2,694,055.
 Ludwig, Thomas E., and Knapp. 2,694,056.
 O'Neal, Grady M.
 Saunders, Harold F., and Verduin. 2,683,658.
 Whitcomb, William F., Jr. 2,675,620.
 Whitehill, Lynwood N., and Taylor. 2,686,771.
 Sherwood, Donnelle W., and G. C. Banikiotes, to the United States of America as represented by the United States Atomic Energy Commission. 2,695,214, Cl. 23—88.
 Sherwood, Frances: *See*—
 Miller, Vera B. 2,688,997.
 Sherwood, John R., to Collins Radio Co. 2,698,409, Cl. 318—33.
 Sherwood, John R., and S. M. Morrison, to Collins Radio Co. 2,691,132, Cl. 324—57.
 Sherwood, Laurence T., Jr.: *See*—
 Kvalnes, Hamline M., and Sherwood. 2,691,638.
 Woodworth, Parke, and Sherwood. 2,675,356.
 Sherwood, Noble: *See*—
 Mall, Arthur W., Hesse, and Sherwood. 2,678,667.
 Sheshunoff, Victor: *See*—
 Whitfield, Marshall G., and Sheshunoff. 2,682,101.
 Shewmon, Ralph K., assignor to General Motors Corporation. 2,676,418, Cl. 34—77.
 Shewmon, Ralph K., assignor to General Motors Corporation. 2,678,416, Cl. 318—446.
 Shewmon, Ralph K., assignor to General Motors Corporation. 2,680,167, Cl. 200—68.
 Shewmon, Ralph K., and C. C. Frey, to General Motors Corp. 2,696,580, Cl. 318—281.
 Shey, Porter M. 2,673,999, Cl. 15—129.
 Shiah, Chyduog D. 2,677,613, Cl. 99—85.
 Shields, Albert F., to S & S Corrugated Paper Machinery Co., Inc. 2,690,156, Cl. 118—11.
 Shields, Carl S. 2,674,869, Cl. 68—143.
 Shields, Carl S. 2,681,578, Cl. 74—665.
 Shields, Charles B.: *See*—
 Staples, William D., and Shields. 2,684,466.
 Shields, Charles B., Penn Township, Allegheny County, Pa., assignor to Westinghouse Air Brake Company. Cab signal apparatus. 2,670,433, Feb. 23.
 Shields, James J. 2,682,216, Cl. 100—151.
 Shields, James T., Inwood, N. Y. Device for heating and cooling vehicles. 2,669,101, Feb. 16.
 Shields, John T., Bedford, Ind. Double end rod forming device. 2,667,796, Feb. 2.
 Shields, Robert A.: *See*—
 Kepner, Robert C., and Shields.
 Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Drop bottom car. 2,669,191, Feb. 16.
 Shields, Robert A., Bloomsburg, Pa. Pump and valve structure. 2,672,101, Mar. 16.
 Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Variable stroke piston valve with cushioning means. 2,672,888, Mar. 23.
 Shields, Robert A., to ACF Industries, Inc. 2,684,871, Cl. 302—53.
 Shields, Robert A., R. E. Dendler, and R. C. Kepner, to ACF Industries, Inc. 2,686,479, Cl. 105—286.
 Shields, Robert D. 2,694,334, Cl. 87—31.
 Shields, William H., and J. A. Piepmeyer, to Emery Industries, Inc. 2,695,250, Cl. 117—92.
 Shiells, Noel P.: *See*—
 Walker, James H., and Shiells. 2,680,096.
 Shigekawa, Toy T., to United States Rubber Co. 2,693,006, Cl. 18—53.
 Shilling, Walter F.: *See*—
 Lloyd, Peter, Shilling, Brown, and Boulter.
 Shimmom, William L., Modesto, Calif. Vineyard plow. 2,668,488, Feb. 9.
 Shimp, Hans G.: *See*—
 Cummings, Leland W. T., and Shimp.
 Shink, George J., Detroit, assignor to one-half to W. H. Bogart, Mount Clemens, Mich. Storm sash construction. 2,667,245, Jan. 26.
 Shinko, William G.: *See*—
 Ong, Charles M., and Shinko. 2,679,240.
 Shinn, Guy C., and C. T. Gautier. 2,683,611, Cl. 280—44.
 Shipley, Hardwick P. 2,677,343, Cl. 114—208.
 Shipman, Emanuel F. 2,686,912, Cl. 2—9.
 Shipman, Russell C.: *See*—
 Cooper, Robert B., and Shipman. 2,690,324.
 Shirak, Edward J. 2,693,340, Cl. 254—51.
 Shirk, John F., assignor to Perfect Circle Corporation, Hagerstown, Ind. Piston ring. 2,673,770, Mar. 30.
 Shirk, John F., to Perfect Circle Corp. 2,686,093, Cl. 309—44.
 Shirk, Robert M.: *See*—
 Parker, Charles S., and Shirk. 2,678,874.
 Shirk, Robert M., assignor to Houdry Process Corporation. 2,677,602, Cl. 23—288.
 Shircraft Co., Inc., The: *See*—
 Kaplan, Morris L. 2,686,315.
 Shive, John N., assignor to Bell Telephone Laboratories, Incorporated. 2,676,228, Cl. 201—63.
 Shive, John N., to Bell Telephone Laboratories, Inc. 2,691,750, Cl. 317—235.
 Shively, Annette L.: *See*—
 Shively, Roy H. 2,697,497.
 Shively, George B. 2,697,861, Cl. 24—3.
 Shively, John J., New York, N. Y. Ice chipping machine. 2,665,852, Jan. 12.
 Shively, John J. 2,691,954, Cl. 115—18.
 Shively, Roy H., deceased; A. L. Shively, administratrix. 2,697,497, Cl. 188—196.
 Shivers, Paul F., assignor to Minneapolis-Honeywell Regulator Company. 2,675,019, Cl. 137—386.
 Shivers, Paul F., to Minneapolis-Honeywell Regulator Co. 2,688,337, Cl. 137—494.
 Shklar, Paul, Albany, N. Y. Musical instrument. 2,669,150, Feb. 16.
 Shlesinger, Bernard E., Jr. 2,676,318, Cl. 1—3.
 Shlesinger, Bernard E., Jr. 2,694,807, Cl. 1—3.
 Shmidl, Albert J.: *See*—
 Heinrich, Raymond L., and Shmidl. 2,684,335.
 Shmidl, Albert J., to Standard Oil Development Co. 2,682,498, Cl. 196—148.
 Shmidl, Albert J., to Standard Oil Development Co. 2,693,324, Cl. 260—243.
 Shneider, Harold M., Stamford, Conn., assignor to Baldwin-Lima-Hamilton Corporation. Universal materials testing machine. 2,669,868, Feb. 23.
 Shnidman, Louis: *See*—
 Resnick, Hyman, and Shnidman. 2,686,361.
 Shnitzler, Meyer J., Brookline, Mass., assignor to The Gillette Company. Blade dispenser with used blade compartment. 2,671,555, Mar. 9.
 Shnitzler, Meyer J., assignor to The Gillette Company. 2,674,553, Cl. 148—635.
 Shnitzler, Meyer J., assignor to The Gillette Company. 2,677,458, Cl. 206—16.
 Shnitzler, Meyer J., M. D. Benedict, Jr., R. Abrams, and J. C. Flynn, assignors to The Gillette Company. 2,680,291, Cl. 30—40.
 Shnitzler, Meyer J., M. D. Benedict, Jr., and R. Abrams, to The Gillette Co. 2,692,672, Cl. 206—16.
 Shnitzler, Meyer J., M. D. Benedict, Jr., and R. Abrams, to The Gillette Co. 2,692,674, Cl. 206—16.
 Shobe, Frank O., St. Louis, Mo. Bicycle standard raisable by pedaling. 2,672,352, Mar. 16.
 Shobert, Sam M.: *See*—
 Meek, Melvin J. 2,684,318.
 Shockey, Charles C.: *See*—
 Lower, Mary E., and Shockey. 2,680,909.
 Shockey Corp.: *See*—
 Jaworowski, Joseph F. and N. 2,696,787.
 Shockey, Thomas M.: *See*—
 Ressler, Frank J., and Shockey.
 Shockley, Joseph B., Detroit, Mich. Delayed-action switch. 2,670,413, Feb. 23.
 Shockley, William: *See*—
 Briggs, Howard B., Haynes, and Shockley. 2,683,794.
 Shockley, William, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Semiconductor translating device. 2,666,814, Jan. 19.
 Shockley, William, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transistor amplifier. 2,666,818, Jan. 19.
 Shockley, William, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Semiconductor translating device. 2,672,528, Mar. 16.
 Shockley, William, to Bell Telephone Laboratories, Inc. 2,681,993, Cl. 250—36.
 Shockley, William. 2,696,565, Cl. 250—201.
 Shoe Form Co., Inc.: *See*—
 Goodfellow, Isaac. 2,685,104.
 Goodfellow, Isaac. 2,691,188.
 Shoemaker, David A. 2,686,685, Cl. 285—163.
 Shoemaker, John H.: *See*—
 Dunlevy, Ralph, Frick, and Shoemaker. 2,674,250.
 Dunlevy, Ralph, and Shoemaker. 2,674,550.
 Shoemaker, Malcolm G., Doylestown, assignor to Philco Corporation, Philadelphia, Pa. Plural temperature refrigeration system. 2,667,757, Feb. 2.
 Shoemaker, Malcolm G., assignor to Philco Corporation. 2,675,684, Cl. 62—8.
 Shoemaker, Malcolm G., to Philco Corp. 2,692,482, Cl. 62—6.
 Shoemaker, Malcolm G., to Philco Corp. 2,694,297, Cl. 62—103.
 Shoemaker, Montgomery J.: *See*—
 Kallenborn, John, Shoemaker, and Johnson. 2,697,312.
 Shoemaker, Robert C., assignor to Hyster Company, Portland, Ore. Fair-lead. 2,666,532, Jan. 19.
 Shoemaker, Robert J., to The National Cash Register Co. 2,694,973, Cl. 101—126.
 Shoffner, Willie M. 2,680,294, Cl. 30—254.
 Shoffner, Willie M., and U. G. Focke, to Roto-Table Co. 2,685,996, Cl. 226—18.
 Shoiket, Henry N., E. B. Kinnaman, and W. D. Trotter, to Boeing Airplane Co. 2,683,780, Cl. 200—61.45.
 Shokal, Edward C.: *See*—
 Morris, Rupert C., Shokal, and Buls.
 Shomber, Kerian J., Oakland, Calif., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening device. 2,664,611, Jan. 5.

- Shomo, Robert D., Detroit, Mich. Adjustable ruling pen. 2,669,225, Feb. 16.
- Shonka, Francis R., and R. F. Selman, to the United States of America as represented by the United States Atomic Energy Commission. 2,682,583, Cl. 200—87.
- Shonka, Francis R., A. J. Okleshen, and R. F. Selman, to the United States of America as represented by the United States Atomic Energy Commission. 2,687,480, Cl. 250—83.6.
- Shontz, William H., Lewistown, Pa., assignor to American Viscose Corporation, Wilmington, Del. Thread guide pressure regulator. 2,665,076, Jan. 5.
- Shoobert, George W., assignor to K. L. G. Sparking Plugs Limited, London, England. Electric spark discharge device. 2,671,186, Mar. 2.
- Shook, Austen M., assignor to The Texas Company. 2,676,660, Cl. 166—1.
- Shooltz, Alwin F., C. J. Brown, and J. H. Snow, to themselves as trustees. 2,688,496, Cl. 280—491.
- Shoptaw, Glen H., Texas City, Tex., assignor to Monsanto Chemical Company, St. Louis, Mo. Acrylonitrile purification process by distillation. 2,672,435, Mar. 16.
- Shore, Benjamin. 2,690,166, Cl. 123—14.
- Shore, Morris M. 2,686,985, Cl. 40—118.
- Shore, Sidney X., New York, N. Y. Magnetic dart. 2,665,911, Jan. 12.
- Shores, Ronald B., Lansdowne, Pa., assignor to General Electric Company. Operating mechanism for electric circuit breakers. 2,667,554, Jan. 26.
- Shorey, Adam G.: *See*—
Polster, Alfred, Glow, Shorey, and Antosiewicz. 2,695,482.
- Short, Brooks H., Anderson, and J. W. Dyer, Pendleton, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine starter control system. 2,668,247, Feb. 2.
- Short, Charles R. and G. E. 2,694,832, Cl. 19—10.
- Short, Clair A., Jr., and L. R. Smith, to General Motors Corp. 2,695,014, Cl. 123—179.
- Short, Dean W.: *See*—
Short, Lemuel W. and D. W. 2,685,844.
- Short, George E.: *See*—
Short, Charles R. and G. E. 2,694,832.
- Short, Lemuel W. and D. W. 2,685,844, Cl. 104—148.
- Short, Wallace F., C. I. Brodrick, and M. L. Donaldson, to Boots Pure Drug Co. Ltd. 2,683,711, Cl. 260—239.1.
- Shortland, Arthur, assignor to Mellor Bromley & Company Limited. 2,675,688, Cl. 66—96.
- Shortland, Arthur, assignor to Mellor Bromley & Co. Limited. 2,678,229, Cl. 289—3.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. 2,680,958, Cl. 66—50.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. 2,695,505, Cl. 66—96.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. 2,696,093, Cl. 66—82.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. 2,696,721, Cl. 66—121.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. 2,697,336, Cl. 66—24.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. 2,697,338, Cl. 66—111.
- Shortsleeve, Francis J., and M. E. Nicholson, assignors to Standard Oil Company, Chicago, Ill. Stainless steel alloy and apparatus for converting hydrocarbons. 2,671,050, Mar. 2.
- Shotsky, Nathan, $\frac{1}{4}$ to H. Zauderer, $\frac{1}{4}$ to B. Zauderer, and $\frac{1}{4}$ to D. H. Turkel. 2,687,703, Cl. 112—100.
- Shottenfeld, Richard, assignor to Ensign Ribbon Burners, Inc. 2,675,069, Cl. 158—124.
- Shoucair, Edward, Cairo, Egypt. Friction reducing device. 2,669,989, Feb. 23.
- Showalter, Billy J.: *See*—
Turkleson, Robert E., and Showalter.
- Showalter, Jere C., to Standard Oil Development Co. 2,686,149, Cl. 196—14.46.
- Showers, Lewis M., Jr.: *See*—
Keller, William M., and Showers. 2,674,208.
- Showers, Robert E., to Marathon Corp. 2,688,276, Cl. 92—44.
- Shramek, Ladd C. 2,689,663, Cl. 214—653.
- Shreve, Frances E.: *See*—
Geel, John J. 2,692,163.
- Shrewsbury, Benjamin W. 2,694,421, Cl. 143—43.
- Shropshire, Elwood Y.: *See*—
Craig, W. E., Lo, and Shropshire. 2,696,496.
- Shruballs, Harry I., assignor to Union Carbide and Carbon Corporation. 2,680,798, Cl. 219—10.
- Shuhart, John H., to Bell Telephone Laboratories, Inc. 2,694,101, Cl. 174—42.
- Shuldener, Henry L., to Water Service Laboratories, Inc. 2,681,149, Cl. 210—36.
- Shuler, Carl L. 2,682,741, Cl. 56—251.
- Shuler, Frederick A. 2,690,415, Cl. 167—84.
- Shull, George O., and R. B. Morrow, Los Angeles, Calif. Safety device. 2,669,929, Feb. 23.
- Shull, Hubert C.: *See*—
Burns, Grover P., and Shull. 2,680,834.
- Shull, James R.: *See*—
Anderson, Richard S., and Shull. 2,687,612.
- Shull, Karl L., D. C. Roberson, and R. E. Knowlton, assignors to The Standard Oil Company. 2,679,507, Cl. 260—439.
- Shulman, Bernard B., assignor to M. Freedman, Philadelphia, Pa. Waterproof garment. 2,664,895, Jan. 5.
- Shulton, Inc., assignee: *See*—
Joffe, Stephen P. 2,679,476.
- Shultz, Henry J.: *See*—
Walker, Brooks, and Shultz. 2,687,770.
- Shulver, Louis, Central Falls, and K. H. Arnold, Pawtucket, assignors to Wardwell Braiding Machine Company, Central Falls, R. I. Serving machine. 2,672,722, Mar. 23.
- Shum, Orie C. 2,686,281, Cl. 318—127.
- Shumaker, Clifton. 2,683,808, Cl. 250—33.
- Shumaker, Ephraim H., Sterling, assignor to Rotherm Engineering Company, Inc., Chicago, Ill. Quickly detachable swivel joint. 2,665,145, Jan. 5.
- Shumaker, Ephraim H., Sterling, assignor to Rotherm Engineering Company, Inc., Chicago, Ill. Liquidtight and gastight rotating tubular joint. 2,673,100, Mar. 23.
- Shumaker, Lawrence E., to Eversman Mfg. Co. 2,691,333, Cl. 97—14.
- Shuman, Albert C., and C. H. Staley, to General Foods Corp. 2,696,158, Cl. 99—80.
- Shuman, Davis, Brooklyn, N. Y. Trombone. 2,669,152, Feb. 16.
- Shuman, Davis. 2,689,499, Cl. 84—310.
- Shumard, Roland S.: *See*—
Beaver, David J., Stoffel, and Shumard. 2,678,302.
- Elliott, Eugene W., and Shumard. 2,695,881.
- Shumard, Roland S., to Monsanto Chemical Co. 2,698,301, Cl. 252—107.
- Shunemann, Carl F., to Thompson Products, Inc. 2,695,385, Cl. 333—7.
- Shunk, Clifford H.: *See*—
Hoffman, Dorothea H., Shunk, and Folkers.
- Shupe, Leslie A., Pittsburgh, Pa., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Clamping assembly having self-held pressure plates. 2,667,949, Feb. 2.
- Shur, Ira, Bayside, assignor to Waldes Kohinoor, Inc., Long Island City, N. Y. Slider-operated separable fastener. 2,671,257, Mar. 9.
- Shure Brothers, Incorporated, assignee: *See*—
Bauer, Benjamin B.
- Shurtleff, Norval E., Lowell, assignor of seventy-five per cent to S. B. Kahn, Portland, Oreg. Sawmill comprising two circular saws for cutting adjacent sides of cants simultaneously. 2,672,896, Mar. 23.
- Shurts, Englebert. 2,687,112, Cl. 119—14.49.
- Shusman, Tevis, assignor to Monsanto Chemical Company. 2,675,362, Cl. 260—23.
- Shuster, Sidney M. 2,677,131, Cl. 2—126.
- Shutt, John C.: *See*—
Meyers, George L., and Shutt. 2,684,508.
- Shutters, Frank L.: *See*—
Bruns, George W., and Shutters. 2,692,466.
- Shuttleworth, Clarence G.: *See*—
Croce, Michele, and Shuttleworth. 2,681,863.
- Shuttleworth, Vivian C., and H. I. Sebert; said Sebert to said Shuttleworth. 2,681,560, Cl. 70—273.
- Shwayder, Benjamin, Detroit, assignor to Shwayder Brothers, Ecorse, Mich. Folding chair brace. 2,666,478, Jan. 19.
- Shwayder Brothers: *See*—
Adler, John B.
- Adler, John B. 2,680,473.
- Adler, John B. 2,680,662.
- Adler, John B. 2,684,111.
- Shwayder, Benjamin.
- Shwayder Bros., Inc., assignee: *See*—
Axtell, Willard G.
- Shycon, Harvey N. 2,675,669, Cl. 59—79.
- Sibert Merle E.: *See*—
Wainer, Eugene, Steinberg, and Sibert. 2,698,221.
- Sibert, Merle E., to the United States of America as represented by the Secretary of the Navy. 2,697,660, Cl. 75—121.
- Sibert, Merle E., and S. S. Carlton, to Horizons Titanium Corp. 2,681,849, Cl. 23—202.
- Sibert, Merle E., and S. S. Carlton, to Horizons Titanium Corp. 2,681,850, Cl. 23—202.
- Sibert, Merle E., and S. S. Carlton, to Horizons Titanium Corp. 2,681,851, Cl. 23—202.
- Sibley, Edw. L., Mfg. Co., Inc.: *See*—
Stearns, Walter I. 2,692,627.
- Sibley, James F., Griffin, Ga. Motor control system for knitting machines. 2,666,313, Jan. 19.
- Sichak, William, assignor to International Standard Electric Corporation. 2,677,767, Cl. 250—33.65.
- Sichak, William, and H. A. Augenblick, Jr., to International Telephone and Telegraph Corp. 2,697,209, Cl. 333—73.
- Siciliano, Samuel F., assignor to George C. Moore Company. 2,674,277, Cl. 139—348.
- Sickles, Royal F., and W. F. Walters, to General Instrument Corp. 2,692,355, Cl. 317—200.
- Sicom Societa a Responsabilita Limitata, assignee: *See*—
Gentilini, Augusto, and Ferrario. 2,675,736.
- Siddiqui, Salimuzzaman, and D. C. Dhar, Delhi, assignors to Council of Scientific and Industrial Research, New Delhi, India. Patent leather and coating composition for use in making same. 2,666,717, Jan. 19.
- Side, Frederick W., assignor to Minneapolis-Honeywell Regulator Company. 2,675,441, Cl. 200—90.
- Sidebotham, Melvin H. 2,693,306, Cl. 226—94.

- Sidebottom, Joseph K., to General Electric Co. 2,684,456, Cl. 317—133.5.
- Sider, Nicholas M.: *See*—
Baumann, Martin, and Sider.
- Siderman, Joseph A., Shrewsbury, N. J., assignor to the United States of America as represented by the Secretary of the Army. Follow-up type of calibrating means. 2,667,608, Jan. 26.
- "Sides" Societe Anonyme: *See*—
Simon, Victor, and Denis. 2,688,994.
- Sidman, Harry W., to American Can Co. 2,692,774, Cl. 271—18.
- Sidney Machine Tool Company, The, assignee: *See*—
Dickas, Frederick D., and Logan.
- Sidwell, Carroll V. 2,695,669, Cl. 166—29.
- Siebelink, Herman B.: *See*—
Honing, Wilhelm, Siebelink, and Wijnberg. 2,689,924.
- Siebens, Norman H.: *See*—
Allen, Frank B., and Siebens.
- Siebens, Norman H., assignor to C-O-Two Fire Equipment Company. 2,674,325, Cl. 169—31.
- Siebens, Norman H., assignor to C-O-Two Fire Equipment Company. 2,674,326, Cl. 169—31.
- Siebert, O. W., Co.: *See*—
Toohey, Francis D. 2,689,135.
- Siebring, Claude, George, Iowa. Snow scoop. 2,670,862, Mar. 2.
- Sieck, Charles A., Jr., Progress, Pa. Diaper clasp. 2,670,514, Mar. 2.
- Siefker, Joseph A., and J. F. Brasch, to Anheuser-Busch, Inc. 2,691,590, Cl. 99—14.
- Sieg, Robert P., to California Research Corp. 2,697,066, Cl. 196—50.
- Siegel, David T.: *See*—
Chanowitz, Harry.
- Ellin, Fredrick I. 2,675,453.
- Lense, Herbert E. 2,683,567.
- Siegel, David T. 2,696,978, Cl. 263—8.
- Siegel, Irvine. 2,689,736, Cl. 274—19.
- Siegel, Philip G., and M. Stein, to Perfect Knit Togs, Inc. Re. 23,853, Cl. 128—287.
- Siegel, Sidney, to Metals & Controls Corp. 2,691,816, Cl. 29—189.
- Siegel, Walter: *See*—
Lambach, Fritz, and Siegel.
- Siegenthaler, Agatha A.: *See*—
McCollum, Elmer V., and Siegenthaler. 2,681,927.
- Siegenthaler, Walter, to Maschinenfabrik Scharer. 2,692,089, Cl. 242—27.
- Siegenthaler, Walter, Erlenbach, and K. Laager, Kusenacht, assignors to Maschinenfabrik Scharer, Erlenbach, Switzerland. Multiple in-line spooler. 2,665,854, Jan. 12.
- Siegerist, Walter L., to Continental Foundry & Machine Co. 2,697,489, Cl. 164—49.
- Siebert, Milton E.: *See*—
McCarthy, Russell J., and Siebert.
- Siegle, Wilhelm K. O.: *See*—
Schmidt, Ekhardt O., and Siegle. 2,696,199.
- Siegrist, Bruno, and O. Wakker, assignor to Usine Genevoise de Degrossissage d'Or, Geneva, Switzerland. Soldering device. 2,664,844, Jan. 5.
- Siehrs, Arthur E., to Krim-Ko Corp. 2,687,959, Cl. 99—26.
- Siekman, Harold J., and G. J. Kasselmann, assignors to The R. K. Le Blond Machine Tool Co. 2,678,579, Cl. 82—14.
- Siekman, Harold J., G. J. Kasselmann, G. W. Luning, and N. D. Cooper, to The R. K. Le Blond Machine Tool Co. 2,697,373, Cl. 82—24.
- Sieloff, Elynor M., Detroit, Mich. Sprinkling can. 2,666,668, Jan. 19.
- Siemens & Halske, Aktiengesellschaft: *See*—
Gaudlitz, Arthur.
- Grassl, Ludwig. 2,679,619.
- Hell, Rudolf. 2,674,654.
- Heuschmann, Hans.
- Leypold, Dieter. 2,689,881.
- Leypold, Dieter. 2,691,726.
- Panzerbieter, Hans. 2,691,699.
- Rudolph, Hans, Jürgens, and Reger. 2,674,653.
- Siemens-Schuckertwerke Aktiengesellschaft: *See*—
Belamin, Michael. 2,680,831.
- Bieling, Fritz. 2,684,430.
- Duffing, Paul.
- Duffing, Paul E. K. 2,680,820.
- Justi, Eduard. 2,685,608.
- Müller, Fritz.
- Rolf, Erich.
- Schmidt, Willi. 2,677,295.
- Volk, Paul. 2,677,285.
- Voll, Siegfried. 2,676,277.
- Wegener, Johannes. 2,691,128.
- Weissheimer, Herbert. 2,683,232.
- Siemens Societa per Azioni, assignee: *See*—
Szaniszló, István.
- Siemer, Carleton A.: *See*—
Rossheim, David B., Doane, and Siemer.
- Siepert, Alfred H.: *See*—
Lee, Samuel, and Siepert. 2,689,162.
- Sieradzki, Henry J.: *See*—
Markey, Roscoe I., Frank, and Sieradzki. 2,696,104.
- Siering, Robert L., to Johns-Manville Corp. 2,682,087, Cl. 20—4.
- Sierra Electronic Corp.: *See*—
Douma, Tjiske, and Watson. 2,690,535.
- Sierra Lumber Products: *See*—
Lewis, Rehbock, and McElroy. 2,695,857.
- Sleven, Louis I. 2,685,365, Cl. 206—59.
- Sievenpiper, Ward. 2,681,711, Cl. 184—105.
- Sievers, Ernest J., Newell, Iowa. Unloading mechanism for motor vehicles. 2,669,366, Feb. 16.
- Sifo Co.: *See*—
Noble, Albert R. 2,690,912.
- Sigal, Solomon. 2,695,831, Cl. 312—246.
- Sigel, Carl A., to Chicago Forging and Mfg. Co. 2,693,977, Cl. 292—221.
- Sigg, Joseph A. 2,684,554, Cl. 46—175.
- Siggers, Philip E., assignee: *See*—
Boyer, Oliver. 2,675,750.
- Sights, Robert C., Searchlight, Nev. Scooping apparatus. 2,671,283, Mar. 9.
- Sigler, George, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile bleach-finish process. 2,670,266, Feb. 23.
- Sigman, John J.: *See*—
Mentley, Max B., and Sigman.
- Signalgo, Frank K., to the United States of America as represented by the Secretary of the Navy. 2,685,574, Cl. 260—79.1.
- Signal Oil and Gas Co.: *See*—
Callahan, Jackson E.
- Moon, James. 2,688,848.
- Schaufele, Herbert J. 2,677,935.
- Thomas, Gerald B. 2,690,672.
- Thomas, Gerald B. 2,690,673.
- Thomas, Gerald B. 2,690,674.
- Signode Steel Strapping Co.: *See*—
Childress, William C. 2,675,187.
- Childress, William C. 2,680,979.
- Signori, Bruno, Udine, Italy. Articulated shock fender. 2,667,374, Jan. 26.
- Sigoda, Victor J., assignor to Man-Sew Corporation. Re. 23,831, Cl. 164—17.5.
- Sigoda, Victor J., Great Neck, assignor to Man-Sew Corporation, New York, N. Y. Pinking mechanism. 2,666,483, Jan. 19.
- Sigoda, Victor J., Great Neck, assignor to Man-Sew Corporation, New York, N. Y. Ledger blade for pinking mechanisms. 2,666,486, Jan. 19.
- Sigoda, Victor J., to Man-Sew Corp. 2,683,488, Cl. 164—62.
- Sigoda, Victor J., to Man-Sew Corp. 2,683,600, Cl. 271—2.5.
- Sigurdson, Harold S.: *See*—
Armant, David L., and Sigurdson. 2,680,681.
- Sikorra, Daniel J., assignor to Allis-Chalmers Manufacturing Company. 2,677,085, Cl. 318—142.
- Silberhorn, Arthur J., Elmhurst, N. Y. Cap seal cutter. 2,671,959, Mar. 16.
- Silentbloc Ltd.: *See*—
Hutton, Philip C. 2,683,380.
- Silent Glow Oil Burner Corporation, The, assignee: *See*—
Sherman, Rallston M.
- Silex Co., The: *See*—
Rodwick, Frank P. 2,690,296.
- Silge, Martin, Oakland, Calif. Illuminating means for microscopes. 2,667,103, Jan. 26.
- Silk, Philip B., London, England, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Continuous slag removal apparatus for pressure-fired combustion apparatus. 2,667,848, Feb. 2.
- Sillars, Ronald W.: *See*—
Flurscheim, Cedric H., Sillars, and Saulez. 2,675,505.
- Silley, Henry A. J., and G. R. Unthank. 2,684,762, Cl. 210—52.5.
- Sills, Joseph A., St. Charles, Ill. Crankpin grinding apparatus. 2,670,578, Mar. 2.
- Silsby, Christopher C., Jr., Euclid, assignor to Diamond Alkali Company, Cleveland, Ohio. Electrolytic cell for the electrolysis of brine. 2,666,028, Jan. 12.
- Silsby, Christopher C., Jr., Euclid, assignor to Diamond Alkali Company, Cleveland, Ohio. Liquid level indicator. 2,669,122, Feb. 16.
- Silsby, Christopher C., Jr., Euclid, assignor to Diamond Alkali Company, Cleveland, Ohio. Feed device for electrolytic cells. 2,673,232, Mar. 23.
- Silva, Anthony R. 2,692,713, Cl. 226—14.
- Silva, Arthur S., to Swank, Inc. 2,684,702, Cl. 150—38.
- Silva, Jesús V., Tucuman, Argentina. Electric apparatus for securing basic wax sheets to the wires of honeycomb frames for beehives. 2,673,358, Mar. 30.
- Silva, Mathew E. 2,680,928, Cl. 43—43.12.
- Silvander, Carl. 2,691,904, Cl. 74—789.
- Silven, Herbert A.: *See*—
Mader, Stewart S., and Silven. 2,693,060.
- Silven, Herbert A., and S. S. Mader, assignors to Norton Company. 2,674,831, Cl. 51—5.
- Silven, Herbert A., and S. S. Mader, to Norton Co. 2,693,062, Cl. 51—105.
- Silver, Edward A., and J. A. Slipper. 2,684,786, Cl. 222—167.
- Silver, Edward C., Los Angeles, Calif. Pocket dispenser. 2,669,349, Feb. 16.
- Silver, Harold F.: *See*—
Rienks, George W., and Silver.

- Silver, Joseph B., and N. M. Harrod, to Conveyor Engineering Co. 2,689,891, Cl. 200—61.46.
 Silver, Louis. 2,686,325, Cl. 15—188.
 Silver, Roger C.: *See—*
 De Puydt, Frank A., and Silver. 2,680,027.
 Silver, Stan M. 2,676,428, Cl. 41—5.
 Silver, Stan M. 2,684,503, Cl. 18—59.
 Silver, Walter H., Moline, Ill., and W. V. Lohrman, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Tractor-mounted tiller. 2,668,489, Feb. 9.
 Silver, Walter H., and J. I. Cantral, assignors to Deere & Company, Moline, Ill. Disk tiller. 2,669,171, Feb. 16.
 Silver, Walter H., and R. E. Cox, assignors to Deere & Company, Moline, Ill. Disk terracing machine. 2,672,803, Mar. 23.
 Silver, Walter H., and O. W. Oerman, assignors to Deere & Company, Moline, Ill. Conduit support for vehicle trains with conduit-connected fluid devices. 2,673,093, Mar. 23.
 Silver, Walter H., and W. V. Lohrman, to Deere & Co. 2,685,241, Cl. 97—47.14.
 Silver, Walter H., and W. V. Lohrman, to Deere & Co. 2,686,465, Cl. 97—46.93.
 Silver, Walter H., and R. E. Cox, to Deere & Co. 2,690,622, Cl. 37—110.
 Silver, Walter H., and W. V. Lohrman, to Deere & Co. 2,697,973, Cl. 97—47.14.
 Silver, Walter H., and R. E. Cox, to Deere & Co. 2,697,974, Cl. 97—47.38.
 Silverberg, Albert I. 2,690,662, Cl. 67—7.1.
 Silverberg, George. 2,676,557, Cl. 112—147.
 Silverman, Daniel, assignor to Stanolind Oil and Gas Company. 2,674,885, Cl. 73—382.
 Silverman, Daniel, and R. E. Hartline, assignors to Stanolind Oil and Gas Company. 2,674,877, Cl. 73—155.
 Silverman, Eliot N., to Pioneer Scientific Corp. 2,688,900, Cl. 88—41.
 Silverman, Emanuel. 2,695,548, Cl. 88—97.
 Silverman, Harris, Atlanta, Ga. Means for joining the central leg elements of a table to the table board. 2,673,775, Mar. 30.
 Silverman, Irving, assignor to Rogers Imports Inc. 2,674,289, Cl. 150—3.
 Silverman, Jacob, Brooklyn, N. Y. Fabric folding and pressing machine. 2,673,666, Mar. 30.
 Silverman, Myer A., and H. H. Sherman, assignors to P. Wall Mfg. Company, Grove City, Pa. Blowtorch. 2,667,214, Jan. 26.
 Silversher, Herman I., to Electrofilm Corp. 2,683,673, Cl. 117—71.
 Silverstein, Dan: *See—*
 Singleton, Charles L. 2,689,338.
 Silverstein, Robert M., A. P. Brady, and A. G. Brown, to El Dorado Oil Works. 2,686,766, Cl. 260—23.7.
 Silvertown, Richard G., and F. G. Nolan. 2,689,127, Cl. 272—58.
 Silvey, Gene A., and G. H. Cady. 2,697,726, Cl. 260—543.
 Silvius, Walter P., Murraysville, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical control switch. 2,669,611, Feb. 16.
 Silzle, Earl A. 2,675,842, Cl. 146—3.
 Simco, Inc.: *See—*
 Haury, Vernon E. 2,693,480.
 Simenson, Louis O., to The Dow Chemical Co. 2,681,769, Cl. 241—101.
 Simenson, Louis O., J. S. Carpenter, and A. B. Greenwood, S. M. Greenwood, attorney-in-fact for said A. B. Greenwood, to The Dow Chemical Co. 2,681,737, Cl. 214—17.
 Simerl, Linton E., to the United States of America as represented by the Secretary of War. 2,681,307, Cl. 202—57.
 Simjian, Luther G., Riverside, Conn. Tie rack. 2,665,011, Jan. 5.
 Simjian, Luther G., assignor to The Reflectone Corporation. 2,675,926, Cl. 211—178.
 Simmer, Wesley A. 2,679,251, Cl. 131—175.
 Simmering-Graz-Pauker Aktiengesellschaft für Maschinen-, Kessel- und Waggonbau, assignee: *See—*
 Ledinegg, Max.
 Simmon, Alfred, assignor to Simmon Brothers, Inc. 2,679,784, Cl. 88—26.
 Simmon Brothers, Inc., assignee: *See—*
 Simmon, Alfred. 2,679,784.
 Simmonds Aerocessories, Inc.: *See—*
 Isreeli, Jack, Frantz, and Ramsey. 2,686,561.
 Smith, Stanley J., and Arkawy. 2,691,304.
 Simmonds, Irving H., Belleville, Ill. Magnetic container cap. 2,672,257, Mar. 16.
 Simmons, Aldred J.: *See—*
 Bloom, Wallace M., and Simmons. 2,686,643.
 Simmons, Archie L., to Sells-Simmons Hydrostatic Bailer Corp. 2,692,648, Cl. 166—214.
 Simmons, Bert F., Medford, Oreg. Headrest mechanism for creepers. 2,668,964, Feb. 16.
 Simmons Co.: *See—*
 Taylor, Thomas S.
 Travis, Don C.
 Woller, Edward E. 2,685,486.
 Woller, Edward E. 2,685,487.
 Simmons, Edmond C. 2,674,060, Cl. 43—42.15.
 Simmons, Elwyn L. 2,691,720, Cl. 240—9.
 Simmons, Ernest P., Kansas City, Kans. Sight rib for shotguns. 2,669,052, Feb. 16.
 Simmons, Ernest P. 2,693,659, Cl. 42—76.
 Simmons Fastener Corporation: *See—*
 Schlueter, Ernest.
 Schlueter, Ernest. 2,691,199.
 Simmons, Gladys L.: *See—*
 Simmons, Leon E. 2,693,951.
 Simmons, James D., and J. H. Liversidge, Sheffield, and R. W. Wrathall, Chertsey, England, assignors to General Electric Company. Electrical control arrangement. 2,669,126, Feb. 16.
 Simmons, Leon E., to Joy Mfg. Co. 2,687,288, Cl. 262—30.
 Simmons, Leon E., deceased, by G. L. Simmons, administratrix, to Joy Mfg. Co. 2,693,951, Cl. 262—30.
 Simmons, Leon E., to Joy Mfg. Co. 2,697,950, Cl. 74—664.
 Simmons, Russell T., assignor to General Electric Company. 2,678,775, Cl. 241—32.5.
 Simmons, Ryden R. 2,697,416, Cl. 120—9.
 Simmons, Torsten M. G.: *See—*
 Söderlund, Gustav K., Lindberg, and Simmons. 2,678,615.
 Simmons, Willis L. 2,680,318, Cl. 41—5.5.
 Simms, Ernest H., and J. R. Ainsworth, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Auxiliary wiping mechanisms. 2,672,631, Mar. 23.
 Simms, Russell K., Bartlesville, Okla., assignor to Phillips Petroleum Company. Sparging apparatus. 2,673,078, Mar. 23.
 Simon, Abraham. 2,674,005, Cl. 18—3.5.
 Simon, Albert C., to the United States of America as represented by the Secretary of the Navy. 2,689,785, Cl. 41—42.
 Simon, Anna. 2,693,190, Cl. 128—288.
 Simon, Charles: *See—*
 Gysin, Hans, Margot, and Simon. 2,681,879.
 Gysin, Hans, Margot, and Simon. 2,681,914.
 Gysin, Hans, Margot, and Simon. 2,681,915.
 Gysin, Hans, Margot, and Simon. 2,681,916.
 Gysin, Hans, Margot, and Simon. 2,694,712.
 Simon, David H., assignee: *See—*
 Remstein, William. 2,680,267.
 Simon, Ferdinand J., to International Harvester Co. Re. 23,862, Cl. 123—32.
 Simon, Forrest C., assignor to The French Oil Mill Machinery Company. 2,678,244, Cl. 308—59.
 Simon, Harold: *See—*
 Rottschaefer, Bernard W., and Simon. 2,676,963.
 Simon, Henry, (Holdings) Ltd.: *See—*
 Ball, John S. 2,689,063.
 Ball, John S., Lockwood, and Watts. 2,689,688.
 Simon, Raymond H. J. 2,687,815, Cl. 214—16.1.
 Simon, Simon A., Longmeadow, and A. H. Drelich, Springfield, assignors, by mesne assignments, to Chicopee Manufacturing Corporation, Chicopee Falls, Mass. Astatic brush for grooming the hair. 2,665,443, Jan. 12.
 Simon, Victor, and R. Denis, to "Sides" Societe Anonyme. 2,688,994, Cl. 146—167.
 Simon, Walter E. A., to Brycel Ltd. 2,692,834, Cl. 106—186.
 Simonds, Herbert R. 2,689,908, Cl. 240—41.35.
 Simonds Saw & Steel Co.: *See—*
 Wilcox, Walter M. 2,682,098.
 Simoneau, Henry J. 2,682,700, Cl. 29—148.4.
 Simonet, José. 2,674,888, Cl. 73—429.
 Simoniz Co.: *See—*
 Wenaas, Paul E. 2,681,859.
 Simons, Abraham, Monsey, N. Y. Heat-treating metal objects. 2,672,430, Mar. 16.
 Simons, Homer C., assignor to Eaton Manufacturing Company. 2,678,597, Cl. 98—2.
 Simons, Homer C., to Eaton Mfg. Co. 2,683,591, Cl. 257—2.
 Simons, Homer C., and R. F. Sedlacek, assignors to Eaton Manufacturing Company. 2,675,588, Cl. 20—40.5.
 Simons, Howard A., Vancouver, British Columbia, Canada. Hydraulic log-barker having log-holddown rollers and confronting rotary spray heads. 2,664,929, Jan. 5.
 Simons, Jess T. 2,688,427, Cl. 224—5.
 Simons, John K., Toledo, Ohio, assignor, by mesne assignments, to Allied Chemical & Dye Corporation, New York, N. Y. Preparation of infusible resins of superior toughness and flexibility from a ketodiguanamine and formaldehyde. 2,665,260, Jan. 5.
 Simons, John K., Toledo, Ohio, assignor, by mesne assignments, to Allied Chemical & Dye Corporation, New York, N. Y. Epichlorhydrin-sulfonamide resins. 2,671,771, Mar. 9.
 Simons, John K., Toledo, Ohio, assignor, by mesne assignments, to Allied Chemical & Dye Corporation, New York, N. Y. Production of urea derivatives. 2,673,859, Mar. 30.
 Simons, John K., to Allied Chemical & Dye Corp. 2,684,366, Cl. 260—249.9.
 Simons, Peter: *See—*
 Noll, Walter, and Simons. 2,687,399.
 Simonsen, Arnold. 2,678,745, Cl. 214—713.
 Simonsen, David R.: *See—*
 Fordyce, Charles R., and Simonsen. 2,694,227.
 Simonson, Christian J., and M. L. Simonson, Portland, Oreg. Toy vehicle with subframe traction wheel. 2,670,970, Mar. 2.
 Simonson, Manley L.: *See—*
 Simonson, Christian J. and M. L.

- Simon-Suisse, Jean: *See*—
Grosvalet, Jean, and Simon-Suisse. 2,679,975.
- Sim-Par Mfg. Corp.: *See*—
Schlueter, Ernest. 2,692,153.
- Simpelaar, Clyde S., to Modine Mfg. Co. 2,693,026, Cl. 29—157.3.
- Simpelaar, Clyde S., to Modine Mfg. Co. 2,693,636, Cl. 29—170.
- Simpkin, Francis W., to The Renold and Coventry Chain Co., Ltd. 2,686,431, Cl. 74—246.
- Simpkins, Pat.: *See*—
Simpkins, Walter F. 2,694,215.
- Simpkins, Robert L., Royal Oak, J. S. Materka, Dearborn, and H. A. Elliott, assignors to Essex Wire Corporation, Detroit, Mich. Injection mold. 2,672,653, Mar. 23.
- Simpkins, Walter F., $\frac{1}{3}$ to P. Simpkins and $\frac{1}{3}$ to J. Ragsdale. 2,694,215, Cl. 16—147.
- Simplex Electric Company Limited, assignee: *See*—
Lacy-Hulbert, Cyril. 2,678,749.
- Simplex Engineering Co.: *See*—
Raymond, Thomas E. 2,683,423.
- Simplex Packaging Machinery, Inc., assignee: *See*—
Gaubert, Rene J. 2,676,444.
- Simplex Valve & Meter Co.: *See*—
Borden, Moro M. 2,681,575.
Borden, Moro M. 2,683,372.
- Simpson, Bruce L., assignor, by mesne assignments, to Herbert Simpson Corporation. 2,676,760, Cl. 241—127.
- Simpson, Clarence E., Wilbraham, Mass., assignor to the United States of America as represented by the Secretary of War. Operating slide and bolt for firearms. 2,667,816, Feb. 2.
- Simpson, Clifford M., and J. R. Gruber, Washington, D. C. Direction finder. 2,672,609, Mar. 16.
- Simpson, De Roy. 2,688,461, Cl. 251—147.
- Simpson, Edward H., and G. Deckman, assignors to O & M Machine Company, Inc. 2,678,450, Cl. 4—10.
- Simpson, Emmett M. 2,693,969, Cl. 280—460.
- Simpson, Eugene: *See*—
Kralovetz, Anton J., and Simpson.
- Simpson, George G., to Masonite Corp. 2,681,637, Cl. 118—308.
- Simpson, Glenn H., assignor, by mesne assignments, to Fieldcrest Mills, Inc. 2,679,056, Cl. 5—334.
- Simpson, Henry A., Oviedo, Fla. Packaging, storing, and vending frozen concentrates and the like. 2,667,423, Jan. 26.
- Simpson, Herbert. 2,698,094, Cl. 211—105.3.
- Simpson, Herbert, Corp.: *See*—
Granath, Axel G. 2,681,738.
McIlvaine, Robert L. 2,691,423.
McIlvaine, Robert L. 2,693,946.
Simpson, Bruce L. 2,676,760.
- Simpson, James H., to Joy Mfg. Co. 2,688,736, Cl. 339—86.
- Simpson, James M., and R. S. Randall. 2,682,151, Cl. 61—1.
- Simpson, Justin: *See*—
Boyd, John M., Simpson, and Mero. 2,693,305.
- Simpson, Justin, and E. G. Blaing-Leisk, to Continental Can Co., Inc. 2,696,296, Cl. 209—82.
- Simpson, Kenneth M., to the United States of America as represented by the United States Atomic Energy Commission. 2,691,481, Cl. 230—101.
- Simpson, Walter M., to Servel, Inc. 2,685,781, Cl. 62—119.
- Simpson, William E. 2,694,393, Cl. 126—271.2.
- Sims, Clair W. 2,693,199, Cl. 137—329.05.
- Sims, Esther L.: *See*—
Hood, Myron E. 2,696,217.
- Sims, John C., Jr.: *See*—
Eckert, John P., Jr., Sims, and Welsh. 2,686,100.
- Sims, John C., Jr., Springhouse, and J. P. Eckert, Jr., assignors to Eckert-Mauchly Computer Corporation, Philadelphia, Pa. Demountable chassis. 2,673,342, Mar. 23.
- Sims, Leslie J. *See*—
Evans, Wallace A. and D. W., and Sims.
- Sims, Raymond B.: *See*—
Hessenberg, Wilfrid C. F., and Sims. 2,680,978.
- Sims, Rex J.: *See*—
Mattil, Karl F., and Sims. 2,691,664.
- Sims, Woody, assignee: *See*—
Mowrey, Albert V.
- Simshauser, Herbert H. 2,684,523, Cl. 29—205.
- Sinclair, Alfred C., to Anderson, Clayton & Co. 2,690,115, Cl. 100—232.
- Sinclair, Carter: *See*—
Hills, William B., and Sinclair. 2,676,297.
- Sinclair, Charles W., to Kelsey-Hayes Wheel Co. 2,687,161, Cl. 152—410.
- Sinclair, Charles W., and H. A. Palmer, to Kelsey-Hayes Wheel Co. 2,693,021, Cl. 29—152.1.
- Sinclair, Edward L., to Socony-Vacuum Oil Co., Inc. 2,686,111, Cl. 23—288.
- Sinclair, George: *See*—
Miller, Raymond S., and Sinclair.
Smith, Carl E., and Sinclair.
- Sinclair, Harold, London, England. Electric motor drive for differential gearing. 2,666,876, Jan. 19.
- Sinclair, Harold. 2,687,013, Cl. 60—54.
- Sinclair, Harold. 2,690,127, Cl. 103—11.
- Sinclair Oil and Gas Company, assignee: *See*—
Keith, Willis C. 2,674,576.
Mulholland, Ramon A., and Friedman.
Piros, John J., and Campbell.
Teter, John W., and Friedman.
Wisher, Thomas G.
- Sinclair Refining Co.: *See*—
Beckberger, La Vern H.
Beckberger, La Vern H. 2,674,635.
Campbell, Oliver F., and Decker. 2,688,589.
Campbell, Oliver F., and Decker. 2,688,589.
Dorinson, Amos. 2,694,046.
Entwistle, George. 2,695,878.
Haney, Stanley C., and Moore. 2,697,063.
Keith, Carl D. 2,690,961.
Kleinholz, Milton P.
Nelson, John W. 2,674,613.
Nelson, John W. 2,698,336.
Smith, Kenneth A. 2,686,818.
Wisher, Thomas G.
- Sinclair Research Laboratories Inc.: *See*—
Van Nordstrand, Robert A. 2,692,497.
- Sindeband, Seymour J., to Wearax Corp. 2,685,543, Cl. 148—6.
- Sindeband, Seymour J., to Wearax Corp. 2,685,544, Cl. 148—6.
- Sindeband, Seymour J., to Wearax Corp. 2,685,545, Cl. 148—6.
- Sindelar, William F.: *See*—
Cockerill, Gerald I., and Sindelar.
- Sinden, Alfred D., to Stephens-Adamson Mfg. Co. 2,696,312, Cl. 214—44.
- Singer, Albert, Berkeley, Calif. Automobile seat safety guard. 2,668,583, Feb. 9.
- Singer, Joseph. 2,685,092, Cl. 2—227.
- Singer, Kurt: *See*—
Rettinger, Michael, and Singer. 2,694,111.
- Singer Mfg. Co., The: *See*—
Ackerman, James E., and Odermann. 2,685,854.
Barnhart, Adam B.
Breul, Frederic W.
Enos, John P.
Enoz, John P. 2,676,558.
Goosman, Herbert J. 2,694,993.
Graesser, David A. 2,680,417.
Hale, Arthur N.
Hale, Arthur N. 2,686,486.
Hale, Arthur N., Koenig, and Edwards.
Happe, Reynold.
Hoffmeister, Robert L. 2,681,628.
Hoffmeister, Robert L. 2,686,485.
Johnson, Ralph E.
Knaus, Nicholas, and Millington.
Knaus, Nicholas, and Millington. 2,682,240.
Langille, Wilfred O.
Langille, Wilfred O. 2,692,781.
Lopez, Octavio C. 2,674,213.
Matuzas, Anthony J. 2,682,243.
Meloy, Arthur S., Jr. 2,681,627.
Muecke, Edward. 2,696,179.
Odermann, Charles R. 2,696,180.
Palme, Josef F., and Benzing. 2,682,242.
Parry, Frank. 2,678,619.
Parry, Frank. 2,681,629.
Parry, Frank. 2,695,581.
Peets, Wilbur J., and Marsac. 2,678,011.
Peets, Wilbur J., and Matuzas. 2,677,042.
Perkins, Kenneth. 2,677,582.
Pinkvoss, Berthold P. 2,678,010.
Pinkvoss, Berthold P., and Ketterer.
Ritter, Herman.
Rodzianko, Victor.
Wendel, Lorenz A. 2,697,179.
Yates, Franklin A. 2,695,969.
- Singer, Mor J., assignor to Nederlandse Organisatie Voor Toegepast - Natuurwetenschappelijk Onderzoek Ten Behoeve Van Nijverheid. 2,675,596, Cl. 25—1.
- Singer, Nathaniel: *See*—
Meyers, Arthur L., and Singer. 2,678,527.
- Singer, Philip A., and H. J. Deobald, to Allied Mills, Inc. 2,683,091, Cl. 99—17.
- Singer, Robert: *See*—
Reichl, Raymond M., and Singer.
- Singer, William W. 2,678,076, Cl. 152—35.
- Singher, Heron O., and C. R. Harmison, to Ortho Pharmaceutical Corp. 2,696,484, Cl. 260—112.
- Singler, Joseph C. 2,679,475, Cl. 204—43.
- Singleton, Arthur E., assignor to The Toidey Company, Gertrude A. Muller, Inc. 2,675,055, Cl. 155—11.
- Singleton, Arthur E., assignor to The Toidey Company, Gertrude A. Muller, Inc. 2,679,054, Cl. 4—239.
- Singleton, Charles L., $12\frac{1}{2}\%$ to D. Silverstein, 25% to J. S. Levy, $37\frac{1}{2}\%$ to N. C. Weiss, and $17\frac{1}{2}\%$ to W. W. Wormington. 2,689,338, Cl. 340—152.
- Singleton, Frank: *See*—
Hunter, William A., and Singleton.
- Singleton, Robert C., to Gregory Industries, Inc. 2,686,687, Cl. 287—93.
- Singmaster & Breyer, assignee: *See*—
Breyer, Frank G., and Delruelle.

- Sinbel, Nicholas S., Winston-Salem, N. C., assignor to Western Electric Company, Incorporated, New York, N. Y. Device for positioning articles by coaction with apertures or recesses therein. 2,666,266, Jan. 19.
- Sinko, John. 2,678,127, Cl. 206—19.5.
- Sinks, Frank L., to The Ohio Match Co. 2,683,098, Cl. 117—111.
- Sinks, Russell W., Sidney, Ohio. Crate unloader. 2,670,091, Feb. 23.
- Sinkwich, Vincent J. 2,692,165, Cl. 299—83.
- Sinkwich, Vincent J., to E. F. Drew & Co., Inc. 2,694,555, Cl. 259—4.
- Sinsheimer, Robert L., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. 2,677,819, Cl. 343—7.
- Sinson, Latino V., Oak Park, Ill. Clothesbag holder. 2,672,388, Mar. 16.
- Sintercast Corp. of America: *See*—
Goetzal, Claus G. 2,683,305.
Goetzal, Claus G., and Pettibone. 2,694,007.
- Sioux Steel Co.: *See*—
Moyer, Richard C., and Rysdon. 2,691,362.
- Sipe, Therell L. 2,679,113, Cl. 34—76.
- Siper S. A., assignee: *See*—
D'Ozouville, Francois.
- Sire, Edouard M., New York, N. Y. Simulated explosive amusement device. 2,672,708, Mar. 23.
- Sirianni, Aurelio F., and I. E. Puddington, to National Research Council. 2,682,506, Cl. 252—37.
- Sirianni, Aurelio F., and I. E. Puddington, to The Honorary Advisory Council for Scientific and Industrial Research. 2,689,224, Cl. 252—57.
- Siringo, Carmen A., Utica, N. Y. Attachment for parking lights. 2,673,926, Mar. 30.
- Sirmay, Julius, assignor to Ordnance Gauge Company, Philadelphia, Pa. Transfer needle for knitting machines. 2,667,770, Feb. 2.
- Sirvis, Genrik S., to The Hoover Co. 2,681,465, Cl. 15—183.
- Sisk, Martin A. 2,695,073, Cl. 182—31.
- Sisk, Martin A. 2,695,677, Cl. 182—31.
- Sisk, Martin A. 2,695,678, Cl. 182—31.
- Siskavitch, John G. 2,684,763, Cl. 210—148.
- Sisson, Edmond F., R. F. Cole, and J. P. Krumbein, to Newport Industries, Inc. 2,688,590, Cl. 202—52.
- Sitler, Richard W., assignor to Aurora Equipment Company. 2,675,287, Cl. 312—111.
- Sitterly, Charles K.: *See*—
Norman, Wayne A., and Sitterly. 2,688,523.
- Sitton, Philip N. 2,674,284, Cl. 144—291.
- Sitz, Gilbert C., to National Presto Industries, Inc. 2,682,248, Cl. 115—18.
- Sitzer, Philip: *See*—
Klebanoff, Michael, Glickman, and Sitzer. 2,674,730.
- Sivacek, Emil E., assignor to King-Seeley Corporation, Ann Arbor, Mich. Windshield wiper. 2,667,657, Feb. 2.
- Sivacek, Emil E., assignor to King-Seeley Corporation. 2,674,447, Cl. 264—13.
- Sivacek, Emil E., assignor to King-Seeley Corporation. 2,679,830, Cl. 121—164.
- Sivacek, Emil E., to King-Seeley Corp. 2,681,119, Cl. 181—33.
- Sivalls Tanks, Inc., assignee: *See*—
Lovelady, Isaac W., and Kroeker.
- Siver, Chester A.: *See*—
Rogers, Lawrence M., and Siver.
- Siver, Chester A., assignor to The Liquid Carbonic Corporation. 2,675,016, Cl. 137—112.
- Sivertsen, Peter M., Greenwich, Conn. Cleaning device for slicing machine sharpeners. 2,665,531, Jan. 12.
- Siwek, Stanley Z.: *See*—
Burrows, Milford D., Siwek, and Goldberg. 2,688,287.
- Six, Willem, to Hartford National Bank and Trust Co., as trustees. 2,695,971, Cl. 313—190.
- Six, Willem, and J. Domburg, to Hartford National Bank and Trust Co., trustee. 2,693,503, Cl. 179—16.
- Sixt, Karl: *See*—
Spencer, Arthur M., Jacobson, and Sixt.
- Sjöblom, Edvin H., Stockholm, assignor to Sawa Fabriks Aktiebolag, Lessebo, Sweden. Dispensing device for dispensing batter and the like. 2,670,881, Mar. 2.
- Sjöbohm, Curt H. K. 2,692,620, Cl. 140—78.
- Sjogren, John K., to Norton Co. 2,680,895, Cl. 25—157.
- Sjolander, Newell O.: *See*—
Darken, Marjorie A., and Sjolander. 2,696,457.
- Sjoquist, Carl A.: *See*—
Thornton, Howard T., and Sjoquist. 2,674,689.
- Sjostrom, Robert L., Lawrence, Mass. Multiple lane air doffer. 2,669,340, Feb. 16.
- Sjostrom, Robert L. 2,681,109, Cl. 164—84.5.
- Skamser, Clarence M. 2,698,214, Cl. 312—350.
- Skanska Cementaktiebolaget, assignee: *See*—
Kareby, Erik H. S. 2,676,867.
- Skaperdas, George T., Flushing, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Removing impurities from a gas liquefaction system with aid of extraneous gas stream. 2,668,425, Feb. 9.
- Skar, John G. L., assignor to Art Metal Construction Company. 2,675,925, Cl. 211—149.
- Skar, Robert C., to Collins Radio Co. 2,693,582, Cl. 333—83.
- Skardal, Karl A. 2,679,788, Cl. 92—20.
- Skarin, Richard C.: *See*—
Klein, Chris, Skarin, and Tinker. 2,691,432.
- Skarstrom, Charles W.: *See*—
Kirshenbaum, Isidor, and Skarstrom. 2,686,210.
- Skarstrom, Charles W., to Standard Oil Development Co. 2,697,789, Cl. 250—43.5.
- Skau, Evald L., to the United States of America as represented by the Secretary of Agriculture. 2,684,377, Cl. 260—428.5.
- Skau, Evald L., to the United States of America as represented by the Secretary of Agriculture. 2,684,378, Cl. 260—428.5.
- Skeel, Lewis, to McCrosky Tool Corp. 2,690,611, Cl. 29—10.5.
- Skeeters, Maxwell J., and R. S. Cooper, to Diamond Alkali Co. 2,688,592, Cl. 204—163.
- Skehan, Joseph W.: *See*—
Rogers, Thomas H., and Skehan. 2,679,017.
- Skehan, Joseph W., to Machlett Laboratories, Inc. 2,681,422, Cl. 313—285.
- Skehan, Joseph W., to Machlett Laboratories, Inc. 2,683,831, Cl. 313—38.
- Skeist, Irving, to Celanese Corp. of America. 2,682,513, Cl. 260—16.
- Skellet, Albert M., to National Union Radio Corp. 2,689,301, Cl. 250—27.
- Skellett, Albert M., to National Union Radio Corp. 2,695,974, Cl. 315—12.
- Skelly, Joseph F., New York, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Apparatus for the explosive pulverization of coal. 2,668,669, Feb. 9.
- Skelton, William E.: *See*—
Hess, Howard V., Arnold, and Skelton. 2,686,755.
- Skenandoa Rayon Corp.: *See*—
Brown, Alfred S., and Terwilliger. 2,690,375.
- Skett, Herbert E., Ellesmere, England. Teat cup for use in connection with milking machines. 2,669,966, Feb. 23.
- Skiatron Electronics and Television Corporation, assignee: *See*—
Rosenthal, Adolph H. 2,680,146.
- Skidmore, John: *See*—
Streicker, Seymour F., Oros, and Skidmore. 2,681,710.
- Streicker, Seymour F., Oros, and Skidmore. 2,698,064.
- Streicker, Seymour F., Oros, and Skidmore. 2,698,065.
- Skidmore, Richard H., Lyndhurst, Ohio. Gear reduction unit. 2,669,881, Feb. 23.
- Skil Corporation, assignee: *See*—
Wilson, Harry R.
- Skiles, Benjamin F., assignor to E. I. du Pont de Nemours and Company. 2,674,632, Cl. 260—653.
- Skiles, Benjamin F., assignor to E. I. du Pont de Nemours and Company. 2,676,171, Cl. 260—134.
- Skillman, Claude T., assignor of fifty per cent to W. K. March, Santa Maria, Calif. Pneumatic power file. 2,666,978, Jan. 26.
- Skillman, Herbert E.: *See*—
Hoffmann, William F., and Skillman.
- Skillman, Newton, Jr., J. E. Connolly, F. R. Smith, and A. W. Kogstrom, to O. & S. Bearing Co. 2,683,637, Cl. 308—239.
- Skillman, Thomas S., Mosman, near Sydney, New South Wales, assignor to Punch Engineering Pty. Limited, Cammeray, near Sydney, New South Wales, Australia. Control arrangement for article dispensing systems. 2,672,219, Mar. 16.
- Skillman, Thomas S., Mosman, near Sydney, New South Wales, assignor to Punch Engineering Pty. Limited, New South Wales, Australia. Article dispensing system. 2,672,289, Mar. 16.
- Skillman, Thomas S., assignor to Punch Engineering Pty. Limited. 2,679,354, Cl. 235—1.
- Skinner, Asa W., to Whiting Corp. 2,685,843, Cl. 104—32.
- Skinner, Bronson C., assignor to Clinton Foods Inc. 2,680,709, Cl. 202—204.
- Skinner, Charles A., assignor to The Cambridge Tile and Manufacturing Company. 2,677,471, Cl. 212—11.
- Skinner, Charles R., Newfield, N. J. Onion planter. 2,673,536, Mar. 30.
- Skinner, Clawson N. 2,674,797, Cl. 32—19.
- Skinner, Davis A., Compton, assignor to Union Oil Company of California, Los Angeles, Calif. Manufacture of crystalline ammonium sulfite monohydrate. 2,666,687, Jan. 19.
- Skinner, Garnett C., to The Scholl Mfg. Co., Inc. 2,694,029, Cl. 154—139.
- Skinner, Hazel B.: *See*—
Bletcher, Ralph E. 2,684,082.
- Bletcher, Ralph E., and Ward. 2,675,218.
- Bletcher, Ralph E., and Ward. 2,687,917.
- Skinner, Herbert W. B., Harwell, England. Beam focusing lens. 2,668,241, Feb. 2.
- Skinner, Herbert W. B., Harwell, England. Calutron electric lens. 2,668,242, Feb. 2.
- Skinner, John R., and W. E. Savage, to Shell Development Co. 2,681,314, Cl. 252—28.
- Skinner, M. B., Co.: *See*—
Merrill, Patterson D. 2,697,274.
- Merrill, Patterson D., and Cerullo. 2,685,809.
- Skinner, Robert E., and G. H. McIntyre, assignors to Ferro Corporation. 2,680,772, Cl. 13—34.
- Skipper, Harry C.: *See*—
Johnston, Mordica O., and Skipper.
- Skipwith, Lee, Jr.: *See*—
Wise, Cecil D., and Skipwith. 2,683,060.

- Skirow, Ben and N. 2,676,328, Cl. 2—268.
 Skirow, Nathan: *See*—
 Skirow, Ben and N. 2,676,328.
 Sklar, Alfred L., Miramar, Havana, Cuba, assignor to Virginia Smelting Company, West Norfolk, Va. Treatment of sugar. 2,672,428, Mar. 16.
 Sklar, Ezra R., to the United States of America as represented by the Secretary of the Navy. 2,696,719, Cl. 64—15.
 Sklar, Harry: *See*—
 Doner, Howard P. 2,694,814.
 Sklar, Joseph: *See*—
 Doner, Howard P. 2,694,814.
 Sklar, Samuel: *See*—
 Doner, Howard P. 2,694,814.
 Skoda Works, National Corporation, assignee: *See*—
 Fellmann, Rudolf.
 Skodnek, Arthur. 2,693,850, Cl. 160—90.
 Skodock, Hans, Hannover-Herrenhausen, Germany. Stand for cameras. 2,673,502, Mar. 30.
 Skog, Henry A.: *See*—
 Ewald, Raymond L., and Skog. 2,685,899.
 Ewald, Raymond L., and Skog. 2,685,899.
 Skog, Henry A., Olympia, Wash., assignor to Special Equipment Company, Portland, Ore. Fruit splitting, spreading, and pitting apparatus. 2,673,583, Mar. 30.
 Skog, Henry A., Olympia, Wash., assignor to Special Equipment Company, Portland, Ore. Fruit pitting mechanism. 2,673,584, Mar. 30.
 Skoglund, Curt P., Linköping, assignor to G. E. Maskinfabrik, Jönköping, Sweden. Lock for swinging doors. 2,667,058, Jan. 26.
 Skoglund, Oskar. 2,694,425, Cl. 144—247.
 Skogstad, George, L. G. Elm, and L. R. Fuller, Minot, N. Dak., said Skogstad and said Elm assignors to said Fuller. Grain door funnel with sliding closure. 2,670,108, Feb. 23.
 Skok, Alois. 2,690,164, Cl. 121—71.
 Skok, Lawrence, Euclid, Ohio. Means for embodying fruit in decorative designs in brick ice cream. 2,666,397, Jan. 19.
 Skoli, Sigmond P., P. T. Moon, and C. Witt, to Mojonnier Bros. Co. 2,691,873, Cl. 62—117.55.
 Skoog, Arthur W., to Dictaphone Corp. 2,691,529, Cl. 274—21.
 Skorecki, Jan, Burnley, assignor to Joseph Lucas Limited, Birmingham, England. Jet pipe having a discharge end portion of variable cross sectional area. 2,666,291, Jan. 19.
 Skousgaard, Elmer C., Los Angeles, Calif. Container and discharge valve therefor. 2,666,297, Jan. 19.
 Skretting, Arne, to Aktiebolaget Kamyr. 2,688,416, Cl. 214—17.
 Skrmetti, Paul M. 2,697,843, Cl. 5—99.
 Skromme, Arnold B.: *See*—
 McClellan, Marcus E., Skromme, Manns, and Bright.
 Skromme, Arnold B., to Pineapple Research Institute of Hawaii. 2,689,512, Cl. 97—35.
 Skunda, Michael: *See*—
 Pierce, Earl W., and Skunda. 2,685,059.
 Skurka, Joseph, to The Bastian-Blessing Co. 2,687,975, Cl. 117—37.
 Skwarek, Frank, to Polarad Electronics Corp. 2,681,378, Cl. 174—138.
 Skydyne, Inc., assignee: *See*—
 Mautner, Steven E. 2,674,015.
 Mautner, Steven E. 2,674,433.
 Skyway Precision Tool Company, assignee: *See*—
 Garwood, Robert E.
 Slaby, Ollie F.: *See*—
 Mills, Le Roy K., and Slaby. 2,684,716.
 Slack, Francis M., Fort Worth, Tex. Flyproof automatic action garbage can cover holder. 2,671,627, Mar. 9.
 Slack, Fred A., Jr., assignor to H. D. Justi & Son, Inc. 2,678,470, Cl. 18—55.1.
 Slack, Ronald, D. D. Libman, and D. L. Pain, assignors to May & Baker Limited, Dagenham, England. Bis-quaternary salts and their preparation. 2,667,493, Jan. 26.
 Slack, Ronald, J. N. Ashley, and S. S. Berg, to Parke, Davis & Co. 2,686,787, Cl. 260—307.
 Slack, Ronald, J. N. Ashley, and S. S. Berg, to Parke, Davis & Co. 2,686,802, Cl. 260—453.
 Slack, Stephen L. 2,690,583, Cl. 15—229.
 Slade, Bernard N., Morristown, N. J., assignor to Radio Corporation of America. High current gain semiconductor device. 2,666,873, Jan. 19.
 Sladky, Joseph F.: *See*—
 Wahlberg, Nils E., and Sladky. 2,685,244.
 Slaff, Eve: *See*—
 Kurland, Morris, Slaff, and Corey. 2,696,872.
 Slaff, Eve B.: *See*—
 Kurland, Morris, Slaff, and Corey. 2,696,872.
 Slagle, Clarence P. 2,692,669, Cl. 198—33.
 Slagle, Dean J.: *See*—
 Zbornik, Thomas W., and Slagle.
 Slagle, Lucian E.: *See*—
 Meyers, Douglas C., and Slagle. 2,674,434.
 Slagle, William H.: *See*—
 Flowers, Leon J., and Slagle.
 Slason, Frank K., assignor of $\frac{1}{10}$ to C. B. D. Brown. 2,675,217, Cl. 261—41.
 Slason, Frank K., $\frac{1}{10}$ to C. B. D. Brown. 2,697,633, Cl. 296—116.
 Slater Appliances, Inc., assignee: *See*—
 Beline, Martin B.
 Slater Electric & Mfg. Co., Inc.: *See*—
 Slater, Saul I. 2,688,057.
 Slater, Raymond E., assignor of $\frac{1}{2}$ to W. J. Warburton Associates, Inc. 2,675,829, Cl. 214—6.
 Slater, Saul I., to Slater Electric & Mfg. Co., Inc. 2,688,057, Cl. 200—67.
 Slates, Harry L.: *See*—
 Wendler, Norman L., and Slates. 2,695,287.
 Wendler, Norman L., and Slates. 2,695,288.
 Slattery, Edward J. 2,686,626, Cl. 226—127.
 Slattery, John J., Merchantville, N. J. Sinkers head for flat full-fashioned knitting machines. 2,672,035, Mar. 16.
 Slaughter, Bernard J., Jr., assignor to The Crane & Breed Casket Company, Cincinnati, Ohio. Latch for caskets. 2,666,248, Jan. 19.
 Slaughter, Bernard J., Jr., and F. T. Murnahan, to The Crane & Breed Casket Co. 2,691,807, Cl. 27—10.
 Slaughter, Philip H. 2,681,667, Cl. 139—387.
 Slavens, Wayne E.: *See*—
 Andrews, Norman F., Slavens, and Adolphson. 2,680,015.
 Slavens, Wayne E., Des Moines, assignor to Deere Manufacturing Co., Dubuque, Iowa. Ear-handling means for cornhusking mechanisms. 2,665,695, Jan. 12.
 Slavik, John W., Warren, Ohio. Ball and socket support for work holders. 2,673,054, Mar. 23.
 Slavin, William V. 2,687,729, Cl. 128—270.
 Slavsky, John R.: *See*—
 Slavsky, Robert J. and J. R. 2,698,153.
 Slavsky, Robert J. and J. R., to Shaw and Slavsky, Inc. 2,698,153, Cl. 248—161.
 Slawik, Albert E. 2,681,186, Cl. 242—55.5.
 Slay, John P., Silver Spring, Md. Rotary switch for railway signaling systems. 2,671,827, Mar. 9.
 Slaymaker, Frank H., and W. F. Meeker, to Stromberg-Carlson Co. 2,690,091, Cl. 84—1.15.
 Slayter, Games, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Glass fiber twine and making the same. 2,671,306, Mar. 9.
 Slayter, Games, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Making looped glass fiber mats and laminates. 2,671,745, Mar. 9.
 Slayter, Games, to Owens-Corning Fiberglas Corp. 2,693,668, Cl. 49—92.
 Slayter, Games, and W. W. Drummond, to Owens-Corning Fiberglas Corp. 2,691,852, Cl. 49—17.
 Slayter, Games, and M. C. Armstrong, to Owens-Corning Fiberglas Corp. 2,692,219, Cl. 154—44.
 Slayter, Games, and M. C. Armstrong, to Owens-Corning Fiberglas Corp. 2,694,025, Cl. 154—44.
 Slayton, Ransom D., Elmhurst, assignor to Teletype Corporation, Chicago, Ill. Method and apparatus for photoelectric sensing of permuted tape. 2,667,535, Jan. 26.
 Slayton, Ransom D., to Teletype Corp. 2,687,451, Cl. 178—17.
 Slebodnik, Thomas W., to Westinghouse Electric Corp. 2,697,148, Cl. 200—106.
 Sleeman, Clarence H., to Inter-State Iron Co. 2,698,089, Cl. 209—172.5.
 Sleeper, George E., Jr., to Color Television, Inc. 2,698,355, Cl. 178—5.4.
 Slesaczek, Alfred: *See*—
 Bartó, Franz, and Slesaczek. 2,685,439.
 Sletten, Vernon O., and C. C. Bowman, Havre, Mont. Indicator for pneumatic tires. 2,669,617, Feb. 16.
 Slezak, Raymond J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tubeless tire. 2,665,731, Jan. 12.
 Slezak, Raymond J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Valve for tubeless tire diaphragms. 2,665,732, Jan. 12.
 Slick, Thomas B., R. W. Brown, and H. E. Metcalf, assignors to The Institute of Inventive Research, San Antonio, Tex. Well packer and testing tool combination. 2,671,510, Mar. 9.
 Slidelock International, Ltd.: *See*—
 Lange, Max H. 2,693,217.
 Slifkin, Sam C., Melrose Park, Ill., assignor to General Aniline & Film Corporation, New York, N. Y. Process and means for preventing film deposits in lamps. 2,673,940, Mar. 30.
 Sligar, George A. 2,681,648, Cl. 126—85.
 Slinde, Stephen A.: *See*—
 Hartmann, Gilbert L., and Slinde.
 Slingsby, Ernest W., to C. J. Bates & Son. 2,693,095, Cl. 66—117.
 Slinkard, Raymond L., Cape Girardeau, Mo., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,669,953, Feb. 23.
 Slipher, John A.: *See*—
 Silver, Edward A., and Slipher. 2,684,786.
 Slip-Not Belting Corp.: *See*—
 Meservey, Edwin S. 2,682,896.
 Slip-Proof Mfg. Corp.: *See*—
 Breslow, Leon. 2,691,172.
 Sliwiak, Walter, Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. Transformer core and making same. 2,671,951, Mar. 16.
 Sloan, Allan E. 2,676,021, Cl. 273—157.

- Sloan, Clifford K., assignor to E. I. du Pont de Nemours and Company. 2,678,884, Cl. 95—7.
- Sloan, Edward C., and M. I. Wegner, to Oscar Mayer & Co., Inc. 2,681,279, Cl. 99—109.
- Sloan, Francis P. 2,685,814, Cl. 88—2.4.
- Sloan, Frederick J. 2,695,009, Cl. 121—38.
- Sloan, Harry E., to The Cushman Chuck Co. 2,697,612, Cl. 279—121.
- Sloan, Harry E., to The Cushman Chuck Co. 2,698,185, Cl. 279—4.
- Sloan, Howard B., to Sylvania Electric Products, Inc. 2,682,621, Cl. 313—205.
- Sloan Valve Co.: *See*—
Campbell, Robert E. 2,679,861.
Campbell, Robert E. 2,680,043.
Filliung, Jacques J. 2,688,141.
Filliung, Jacques J. 2,688,515.
- Sloane, Robert W.: *See*—
Biermann, William A., and Sloane.
- Sloane, William W.: *See*—
Bergmann, Ernst R., and Sloane.
- Sloane, William W., to Goodman Mfg. Co. Re. 23,859, Cl. 262—16.
- Sloane, William W., to Goodman Mfg. Co. 2,686,590, Cl. 198—202.
- Sloane, William W., to Goodman Mfg. Co. 2,690,903, Cl. 262—8.
- Sloane, William W., to Goodman Mfg. Co. 2,691,754, Cl. 318—447.
- Slocombe, Robert J., H. Flores, and T. H. Cleveland, assignors to Monsanto Chemical Company. 2,680,127, Cl. 260—453.
- Slocombe, Robert J., and J. H. Saunders, assignors to Monsanto Chemical Company. 2,680,128, Cl. 260—453.
- Slocum, Charles W., and L. J. Stern, to Sperti Faraday, Inc. 2,682,654, Cl. 340—312.
- Slocum, Ray E., and F. E. Blickens, assignors to The Dodge Chemical Company. 2,677,166, Cl. 27—21.
- Slomer, Joseph J., assignor to Goodman Manufacturing Company, Chicago, Ill. Cable reel. 2,665,081, Jan. 5.
- Slomer, Joseph J., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining and loading machine. 2,665,794, Jan. 12.
- Slomer, Joseph J., assignor to Goodman Manufacturing Company, Chicago, Ill. Emergency operated dual pressure hydraulic system. 2,669,842, Feb. 23.
- Slomer, Joseph J., assignor to Goodman Manufacturing Company. 2,674,093, Cl. 60—53.
- Slomer, Joseph J., to Goodman Mfg. Co. 2,692,767, Cl. 262—29.
- Slomp, George, Jr.: *See*—
Ott, Arnold C., and Slomp. 2,694,078.
- Slonaker, John W. 2,683,292, Cl. 20—1.123.
- Slonczewski, Thaddeus: *See*—
Felch, Edwin P., Jr., and Slonczewski. 2,679,630.
- Slonczewski, Thaddeus, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring apparatus. 2,666,100, Jan. 12.
- Slone, Howard I.: *See*—
Dow, Grove S., Jr., and Slone. 2,681,589.
- Slooff, Florus C. W.: *See*—
Boterweg, Dirk, and Slooff. 2,685,010.
- Slottow, Hiram G., and T. L. Smith, to the United States of America as represented by the Secretary of the Army. 2,685,200, Cl. 73—141.
- Slover, James W., to Phillips Petroleum Co. 2,696,305, Cl. 210—42.5.
- Slovic, Matthew J., Hopewell, Va., assignor, by mesne assignments, to American Machine & Foundry Company. Separating apparatus. 2,672,871, Mar. 23.
- Slovin, David G., assignor to United States Rubber Company. 2,678,676, Cl. 154—1.7.
- Slovis, Louis: *See*—
Long, Joel B. 2,683,618.
- Slui, Jacob G.: *See*—
Van de Poll, Abraham N., Tau, Geeven, Eernst, and Slui.
- Slumberland Products Co.: *See*—
Warshaver, Milton H. 2,692,009.
- Sly, Leslie W.: *See*—
Flsher, Herman G., Sly, and Doe. 2,685,148.
- Sly, W. W., Mfg. Co., The: *See*—
Boesger, George A. 2,695,681.
- Slyder, Merrill. 2,689,091, Cl. 238—219.
- Slye, Norman J.: *See*—
Krueger, Archibald S., and Slye. 2,682,441.
- Smale, Frederic E. 2,696,333, Cl. 222—497.
- Small, Adrian C.: *See*—
Kantor, James, Rosenberg, and Small. 2,689,057.
- Small, Augustus B.: *See*—
Thomas, Robert M., and Small. 2,694,054.
- Small, C. T., Manufacturing Company, assignee: *See*—
Mundy, William J.
- Small, Edward F., to Compo Shoe Machinery Corp. 2,686,924, Cl. 12—51.
- Small, Edward F., and E. H. Bastable, assignors to Compo Shoe Machinery Corporation. 2,673,994, Cl. 12—31.5.
- Small, Everett T. 2,688,475, Cl. 262—8.
- Small, Robert L., assignor to Fireye Corporation. 2,674,700, Cl. 250—216.
- Smalley, Francis A. 2,689,147, Cl. 289—17.
- Smalley, William F., Pawtucket, R. I., assignor to H. McGill, Plainville, Mass. Display box. 2,673,642, Mar. 30.
- Smallpelce, Cosby D. P.: *See*—
Kirk, Colin J., and Smallpelce. 2,678,027.
- Smallpelce Limited: *See*—
Holm, Hans F., and Hoppe. 2,688,314.
Holm, Hans F., and Hoppe. 2,689,548.
Kirk, Colin J., and Smallpelce. 2,678,027.
- Smaltz, Jacob J.: *See*—
Claydon, Thomas J., and Smaltz. 2,679,158.
- Smardo, Frank: *See*—
Race, William J., and Smardo. 2,693,333.
- Smart, Addie H., to Hardwood Mfg. Co., Inc. 2,696,223, Cl. 139—150.
- Smart, Audrey C. 2,680,935, Cl. 46—124.
- Smart, David L., assignor to The English Electric Company Limited. 2,677,789, Cl. 315—252.
- Smart, David L., and J. D. McColl, assignors to The English Electric Company Limited. 2,674,714, Cl. 321—66.
- Smart, Wilbur J., Springville, Utah, assignor to United States Steel Corporation. Fastening device. 2,665,150, Jan. 5.
- Smellie, Donald G., assignor to The Hoover Company. 2,677,847, Cl. 15—333.
- Smeltz, Floyd O., assignor to Allis-Chalmers Manufacturing Company. 2,678,412, Cl. 317—177.
- Smeltzer, Paul: *See*—
Amundson, Roald H., and Smeltzer. 2,686,908.
- Smeltzer, Raymond F., assignor to Bendix Aviation Corporation. 2,679,583, Cl. 250—27.
- Smidth, F. L., & Co., assignee: *See*—
Sylvest, Karl J. 2,674,810.
Sylvest, Karl J. 2,676,851.
- Smidth, F. L., & Co. A/S: *See*—
Magnani, Alessandro. 2,698,097.
- Smiley, Harry J., assignor to James Lees & Sons Company. 2,674,270, Cl. 139—44.
- Smiley, Karl L.: *See*—
Van Lanen, James M., Smiley, and Stone.
- Smirl, Richard L.: *See*—
Reed, Harold V., and Smirl. 2,692,663.
- Smit, Pieter, assignor to N. V. Octrooien Maatschappij "Activit" Amsterdam, Netherlands. Ion exchange resin and method for treating liquids. 2,671,059, Mar. 2.
- Smith, A. O., Corp.: *See*—
Andrus, Orrin E. 2,679,747.
Andrus, Orrin E. 2,698,291.
Bennett, Edward. 2,692,322.
- Blatz, Albert V.
Croswell, Althos M., and Winstrom. 2,692,159.
Dueringer, Erwin G., and Martin. 2,691,959.
Gruetjen, Frederick A. 2,679,682.
Heise, Lorenz W., and Johnson. 2,692,229.
Koerper, Erhardt C. 2,686,957.
Makous, Lawrence. 2,675,931.
Maronek, Frank R. 2,683,927.
Raeuber, Arthur E., Jr., and Sullivan. 2,680,085.
Schmitz, Ewald.
Schmitz, Ewald. 2,675,940.
Schmitz, Ewald. 2,684,170.
Schmitz, Ewald. 2,684,173.
Schmitz, Ewald. 2,684,174.
Sherman, Donald W. 2,676,030.
Smith, George M. 2,687,162.
Strackbein, Alex, Heck, and Henn. 2,692,324.
Tegler, Laurence T. 2,698,007.
Wepfer, George R.
- Smith, Albert A., Jr., and H. E. Howe, to American Smelting and Refining Co. 2,695,845, Cl. 75—166.
- Smith, Albert F.: *See*—
Dietrich, Melvin A., and Smith. 2,684,348.
- Smith, Alberta F. 2,691,173, Cl. 4—1.
- Smith, Alexander, and B. D. Baggs, Jr., Sanford, Fla. Cultivator attachment. 2,665,621, Jan. 12.
- Smith, Alexander G.: *See*—
Clogston, Albert M., and Smith.
- Smith, Alexander, Inc.: *See*—
Bejeuhr, Walter G. 2,695,438.
Corey, Nicholas. 2,677,959.
Hutchinson, Robert B.
Masich, Edward J., Miller, and Beck. 2,695,509.
Miller, Philip, and Bardsley. 2,695,634.
Rainard, Leo W. Re. 23,824.
Rainard, Leo W., and Jacoby. 2,678,081.
Runton, Leslie A. 2,695,441.
Runton, Leslie A., and Shattuck. 2,698,044.
Runton, Leslie A., and Shattuck. 2,698,045.
- Smith, Alva T., Milwaukee, Wis., assignor to The Alva T. Smith Company. Combination handle and spout carrier. 2,673,665, Mar. 30.
- Smith, Alva T., Company, The, assignee: *See*—
Smith, Alva T.
- Smith, Alvin H., to Petrolite Corp. 2,695,883, Cl. 252—340.
- Smith, Alvin H., to Petrolite Corp. 2,695,884, Cl. 252—341.
- Smith, Alvin H., to Petrolite Corp. 2,695,909, Cl. 260—404.8.
- Smith, Arthur D., assignor to Kaiser Aluminum & Chemical Corporation. 2,679,325, Cl. 214—18.
- Smith, Arthur E., Los Angeles, Calif. Unitary syringe. 2,667,163, Jan. 26.
- Smith, Arthur E., Los Angeles, Calif. Syringe. 2,667,164, Jan. 26.

- Smith, Arthur E., Los Angeles, Calif. Disposable syringe. 2,667,165, Jan. 26.
- Smith, Arthur E., Los Angeles, Calif. Syringe unit. 2,667,872, Feb. 2.
- Smith, Arthur E. 2,688,963, Cl. 128—216.
- Smith, Arthur E. 2,688,964, Cl. 128—216.
- Smith, Arthur E. 2,696,213, Cl. 128—218.
- Smith, Arthur L. J., and J. A. Markoski, to Radio Corp. of America. 2,697,077, Cl. 252—301.6.
- Smith, Arthur M., Sr., and M. A. 2,694,318, Cl. 74—532.
- Smith, Arthur R., G. A. Lee, and C. J. Hopkins. 2,679,375, Cl. 249—53.
- Smith, Arthur W. 2,692,399, Cl. 12—88.
- Smith, Arvid, assignee: *See*—
Pease, Paul M.
- Smith, Aubrey A.: *See*—
Brehm, Harold B., Kinzer, Smith, and Wilson. 2,680,162.
- Smith, Barclay F., to Carter Carburetor Corp. 2,691,558, Cl. 309—4.
- Smith, Benjamin H. 2,676,728, Cl. 220—20.
- Smith, Bernard B., 33 $\frac{1}{3}$ % to H. I. Pawlowski and 33 $\frac{1}{3}$ % to J. C. Wiley. 2,693,275, Cl. 206—8.
- Smith, Bob H.: *See*—
Leavitt, Minard A., and Smith. 2,676,299.
- Smith, Bonnie O.: *See*—
Smith, Homer H. 2,692,550.
- Smith, Bruce W., to Lockheed Aircraft Corp. 2,693,737, Cl. 90—13.
- Smith, Caldwell P., assignor to the United States of America as represented by the Secretary of the Air Force. 2,680,228, Cl. 324—77.
- Smith, Caldwell P., to the United States of America as represented by the Secretary of the Air Force. 2,691,137, Cl. 324—77.
- Smith Cannery Machines Co.: *See*—
Oates, Norford L. 2,680,876.
- Smith, Carl D. 2,684,585, Cl. 68—133.
- Smith, Carl E., Cleveland, Ohio, and G. Sinclair, Toronto, Ontario, Canada, assignors, by mesne assignments, of one-half to said Smith and one-half to United Broadcasting Company. Slotted cylindrical antenna. 2,665,381, Jan. 5.
- Smith, Carl E., Cleveland, Ohio, and G. Sinclair, Toronto, Ontario, Canada, assignors, by mesne assignments, of one-half to said Smith and one-half to United Broadcasting Company. Three slot cylindrical antenna. 2,665,382, Jan. 5.
- Smith, Carl F.: *See*—
Nadeau, Gale F., Starck, and Smith. 2,694,639.
- Smith, Carl F., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic tracing cloth. 2,670,288, Feb. 23.
- Smith, Carl F., assignor to Eastman Kodak Company. 2,675,317, Cl. 95—9.
- Smith, Carl K., Corpus Christi, Tex. Apparatus for preparing and applying plastic coating material. 2,669,436, Feb. 16.
- Smith, Carlisle F., to J. I. Case Co. 2,686,999, Cl. 56—25.
- Smith, Cecil F. 2,690,048, Cl. 58—121.
- Smith, Charles C., Mobile, Ala., assignor to The Ruberoid Co., New York, N. Y. Making asbestos-cement sheets. 2,669,166, Feb. 16.
- Smith, Charles C., assignor to Stubnitz-Green Spring Corporation. 2,676,647, Cl. 155—179.
- Smith, Charles F., and R. L. Schuman. 2,677,191, Cl. 33—178.
- Smith, Charles G., Wilkinsburg, and D. A. Best, East McKeesport, assignors to The American Brake Company, Swissvale, Pa. Forged and welded brake head. 2,665,779, Jan. 12.
- Smith, Charles H.: *See*—
Cobham, Alan J., Latimer-Needham, Smith, and Macgregor. 2,692,102.
- Smith, Charles, II. 2,694,578, Cl. 274—42.
- Smith, Charles J., assignor to Monroe Auto Equipment Company. 2,676,663, Cl. 180—79.2.
- Smith, Charles J., and W. Esdale, assignors to Monroe Auto Equipment Company, Monroe, Mich. Control valve for fluid operated lifts. 2,667,745, Feb. 2.
- Smith, Charles R. 2,686,600, Cl. 212—50.
- Smith, Charles S.: *See*—
Rowand, Will H., and Smith.
- Smith, Chester A., Jr. 2,698,035, Cl. 143—32.
- Smith, Chester V. 2,680,631, Cl. 285—195.
- Smith, Christopher C. 2,696,862, Cl. 150—5.
- Smith, Christopher I., Corona, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Self-piercing electrical connector plug. 2,673,968, Mar. 30.
- Smith, Clarence E., assignor to Graflex, Inc., Rochester, N. Y. Mirror supporting mount and securing means. 2,665,611, Jan. 12.
- Smith, Clarence E., H. Nerwin, and M. B. Moore, to Graflex, Inc. 2,693,744, Cl. 95—44.
- Smith, Clarence J., Lewistown, Ill. Fishing tackle. 2,672,704, Mar. 23.
- Smith, Claude F., to Marston Broom-Mop Factory. 2,696,628, Cl. 15—171.
- Smith, Clayton H. 2,680,844, Cl. 340—321.
- Smith, Clifford R., Chamblee, Ga. Preparation for mange and fungus eczema. 2,666,728, Jan. 19.
- Smith, Clifford T., Forest Hills, N. Y., and W. L. Paulson, Jr., Ridgewood, N. J., assignors to Bailey Meter Company. Feedwater control means for steam power plants. 2,672,732, Mar. 23.
- Smith, Cloyd D.: *See*—
Demo, Max J., and Smith. 2,678,457.
- Smith, Clyde, Hopkinsville, Ky. Mechanized merchandising system. 2,665,775, Jan. 12.
- Smith, Clyde J.: *See*—
Wemp, Ernest E. 2,689,030.
- Smith, Coleman F.: *See*—
Koeber, Theodore H., and Smith. 2,680,642.
- Smith-Corona Inc.: *See*—
Hill, Laurence B.
- Hill, Laurence B., and Kunzelman. 2,684,145.
- Smith, Cossie M. 2,681,665, Cl. 139—186.
- Smith, Curtis W., to Shell Development Co. 2,691,663, Cl. 260—410.6.
- Smith, Dale P., Jr. 2,679,053, Cl. 4—239.
- Smith, Dan L., to Electric Steel Foundry Co. 2,681,485, Cl. 22—200.5.
- Smith, Daniel L., $\frac{1}{2}$ to E. O. Hunt. 2,684,727, Cl. 182—9.
- Smith, David C., assignor of 40% to E. W. Sauers, 40% to A. E. Giesey, and 20% to L. I. Oblinger. 2,677,263, Cl. 70—149.
- Smith, Dennis W., Chicago, Ill., assignor to Colborne Manufacturing Co. Receptacle filling machine. 2,673,019, Mar. 23.
- Smith, Donald H., to Bell Telephone Laboratories, Inc. 2,694,178, Cl. 323—66.
- Smith, Donald J., to Reed-Prentice Corp. 2,688,989, Cl. 143—32.
- Smith, Donald M. 2,689,995, Cl. 24—243.
- Smith, Donald P., to Milprint, Inc. 2,682,475, Cl. 99—178.
- Smith, Donald R.: *See*—
Lloyd, Arthur H., and Smith. 2,683,607.
- Smith, Drum & Company, assignee: *See*—
Drum, Harry S., and Dodson. 2,678,868.
- Drum, Harry S., Liedtke, and Schmitz.
- Smith, Dudley C.: *See*—
Cline, Leon E., and Smith. 2,687,289.
- Smith, Edward A., to Raymond Concrete Pile Co. 2,684,577, Cl. 61—79.
- Smith, Edward H.: *See*—
Roberts, Richard B., and Smith. 2,678,163.
- Smith, Edward J., Clifton, N. J. Magnetic trouble lamp assembly. 2,669,650, Feb. 16.
- Smith, Edward M.: *See*—
Montgomery, Horace M., and Smith. 2,684,033.
- Smith, Edward M., Mansfield, assignor to Gorman-Rupp Industries, Inc., Bellville, Ohio. Self-priming centrifugal pump. 2,672,822, Mar. 23.
- Smith, Edward W., to Vibro Dynamic Engineering, Inc. 2,691,518, Cl. 267—1.
- Smith, Edward W., to Vibro Dynamic Engineering, Inc. 2,693,320, Cl. 241—175.
- Smith, Edward W. 2,693,418, Cl. 99—79.
- Smith, Edwin, assignor to Firth-Vickers Stainless Steels Limited, Sheffield, England. Making glass-to-metal seals. 2,670,572, Mar. 2.
- Smith, Edwin R., assignor to Seneca Falls Machine Company. 2,675,514, Cl. 318—452.
- Smith, Edwin R., to Seneca Falls Machine Co. 2,687,044, Cl. 74—388.
- Smith, Edwin V. 2,685,036, Cl. 250—63.
- Smith, Elgene A.: *See*—
Moses, Douglas V., and Smith. 2,690,425.
- Smith, Elizabeth E. and W. O. 2,675,005, Cl. 132—84.
- Smith, Ellwood H., assignor to Lovell Manufacturing Company, Erie, Pa. Drier. 2,673,727, Mar. 30.
- Smith, Ellwood H., to Lovell Mfg. Co. 2,690,905, Cl. 263—33.
- Smith, Ellwood H., to Lovell Mfg. Co. 2,694,867, Cl. 34—133.
- Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Automatic gas burning torch and pilot light. 2,672,186, Mar. 16.
- Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Torch tip mounting. 2,672,187, Mar. 16.
- Smith, Elmer H., assignor to Smith Welding Equipment Corporation. 2,677,416, Cl. 158—27.4.
- Smith, Elmer L.: *See*—
Youell, Robert E. 2,689,658.
- Smith Engineering Works: *See*—
Rumpel, Harvey H.
- Rumpel, Harvey H. 2,687,257.
- Smith, Estill M. 2,692,446, Cl. 37—86.
- Smith, Eugene M., to General Electric Co. 2,683,818, Cl. 307—64.
- Smith, Eugene R. 2,694,586, Cl. 287—60.
- Smith, Evelyn C. 2,681,001, Cl. 99—402.
- Smith, Francis A., assignor to Lockheed Aircraft Corporation. 2,678,180, Cl. 244—118.
- Smith, Francis B., to The Rola Company Inc. Re. 23,856, Cl. 179—115.5.
- Smith, Frank, to F. Bamford and Co. Ltd. 2,687,457, Cl. 200—81.9.
- Smith, Frank E. 2,677,033, Cl. 200—152.
- Smith, Frank M.: *See*—
Smith, Leland H. and F. M. Re. 23,910.
- Smith, Frank R.: *See*—
Johnson, Charles J. T., and Smith. 2,688,145.

- Smith, Franklin E., and N. H. Friedman. 2,674,287, Cl. 150—0.5.
- Smith, Franklin S., Hamden, Conn. Method and apparatus for producing shock waves. 2,664,850, Jan. 5.
- Smith, Fred A.: *See*—
Ruiz, Raymond R., and Smith.
- Smith, Fred R.: *See*—
Skillman, Newton, Jr., Connolly, Smith, and Kogstrom. 2,683,637.
- Smith, Fred R., and J. E. Connolly, Detroit, assignors to Neveroil Products Company, Hamburg, Mich. Spacing device for frictionally opposed bodies. 2,670,199, Feb. 23.
- Smith, Frederick E., to Thompson Products, Inc. 2,689,670, Cl. 222—318.
- Smith, Frederick H. 2,676,809, Cl. 279—44.
- Smith, Frederick H. 2,697,634, Cl. 279—44.
- Smith, Frederick M.: *See*—
Wicklatz, John E., and Smith. 2,682,529.
- Smith, Frederick W., assignor to Radio Corporation of America. 2,674,916, Cl. 88—14.
- Smith, G. Tucker: *See*—
Jones, Montgomery O., and Ruffin. 2,684,717.
Ruffin, Raymond S. 2,694,449.
- Smith, Gail P., to Corning Glass Works. 2,696,577, Cl. 317—261.
- Smith, Garland B., Madison, Wis. Artificial Christmas tree. 2,669,049, Feb. 16.
- Smith, Gene C.: *See*—
Brown, Charles K., Jr., and Smith. 2,681,171.
- Smith, George A., Chestnut Hill, Pa., assignor to General Register Corporation, Long Island City, N. Y. Sensing mechanism for accounting machines. 2,673,034, Mar. 23.
- Smith, George E. P., Jr.: *See*—
Carr, Edward L., and Smith.
- Smith, George E. P., Jr., and R. B. Bennett, to The Firestone Tire & Rubber Co. 2,686,163, Cl. 260—2.3.
- Smith, George H.: *See*—
Aitchison, Robert B., and Smith. 2,694,550.
Hals, Lyle J., Reid, and Smith.
Sweigart, Arthur L., Snow, and Smith. 2,682,450.
- Smith, George H., and W. J. Mitchell, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. 2,675,993, Cl. 255—1.8.
- Smith, George H., B. M. Higginbotham, W. J. Mitchell, and J. J. Calaman, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. 2,675,994, Cl. 255—1.8.
- Smith, George I. and L. D. 2,687,336, Cl. 311—21.
- Smith, George L., to Fairbanks, Morse & Co. 2,687,930, Cl. 309—17.
- Smith, George M., to A. O. Smith Corp. 2,687,162, Cl. 153—16.
- Smith, Gordon N., Portland, assignor, by mesne assignments, to Sawyer's Inc., Progress, Oreg. Camera shutter mechanism. 2,671,390, Mar. 9.
- Smith, Gordon N., assignor, by mesne assignments, to Sawyer's Inc. 2,677,999, Cl. 95—64.
- Smith, Gordon N., assignor to Sawyer's Inc. 2,680,400, Cl. 95—18.
- Smith, Graydon, to Graydon Smith Products Corp. 2,697,214, Cl. 340—195.
- Smith, Graydon, Products Corp.: *See*—
Smith, Graydon. 2,697,214.
- Smith, Gus T., assignor to Marvel Specialty Company, Paducah, Ky. Device for restoring defective knitted fabrics. 2,668,428, Feb. 9.
- Smith, Harold C. 2,674,781, Cl. 29—105.
- Smith, Harold D., $\frac{1}{2}$ to L. P. Hudson. 2,691,844, Cl. 43—84.
- Smith, Harold J., to Western Tablet & Stationery Corp. 2,685,339, Cl. 164—73.
- Smith, Harry. 2,685,416, Cl. 242—55.5.
- Smith, Harry A. 2,682,974, Cl. 222—107.
- Smith, Harry F., Lexington, assignor to Mansfield Sanitary Pottery, Inc., Perrysville, Ohio. Flush tank valve with vacuum breaker. 2,667,177, Jan. 26.
- Smith, Harry F., to Mansfield Sanitary Pottery, Inc. 2,681,662, Cl. 137—437.
- Smith, Harry F., to Mansfield Sanitary Pottery, Inc. 2,693,601, Cl. 4—58.
- Smith, Harry G., and J. J. Coury, to Ford Motor Co. 2,698,012, Cl. 123—188.
- Smith, Harry O.: *See*—
Casler, John A., Smith, Coleman, and Levenson. 2,693,705.
- Smith, Harry P., Jr.: *See*—
Gray, Landon R., and Smith. 2,676,639.
- Smith, Harry P., Jr., and C. W. Horton, to Hufford Machine Works, Inc. 2,696,987, Cl. 279—60.
- Smith, Harvey J., assignor to Modern Metal Products Company. 2,676,081, Cl. 312—140.4.
- Smith, Henry B., Jr.: *See*—
Balcar, Frederick R., and Smith. 2,674,581.
- Smith, Herbert A.: *See*—
Olah, George, and Smith.
- Smith, Herman E.: *See*—
Von Strohm, Gerald F. H., and Smith. 2,690,252.
- Smith, Herman E., to Goodman Mfg. Co. 2,689,034, Cl. 198—109.
- Smith, Herschel G., T. L. Cantrell, and J. G. Peters, to Gulf Oil Corp. 2,689,828, Cl. 252—34.
- Smith, Hiram P., and H. N. James, to International Harvester Co. 2,682,818, Cl. 97—29.
- Smith, Homer H., $\frac{1}{2}$ to B. O. Smith. 2,692,550, Cl. 100—213.
- Smith, Horace L., Jr., and W. C. Northam, Richmond, Va., assignors to The C. H. Musselman Company, Biglerville, Pa. Fruit celling and segmenting machine. 2,671,485, Mar. 9.
- Smith, Howard, Paper Mills Limited, assignee: *See*—
MacGregor, Donald W., and Griffith.
- Smith, Howard E. 2,684,531, Cl. 30—140.
- Smith, Howard J., assignor to National Lead Company. 2,680,670, Cl. 23—87.
- Smith, Howard W., Seattle, and R. R. Larson, Mercer Island, assignors to Boeing Airplane Company, Seattle, Wash. Airplane elevator control system. 2,673,048, Mar. 23.
- Smith, Hubert T., assignor to United States Rubber Company. 2,678,468, Cl. 18—45.
- Smith, Iris M.: *See*—
Levinson, Isaac, and Smith. 2,697,847.
- Smith, Jack G., Garland, Tex. Phase converter. 2,673,954, Mar. 30.
- Smith, James G., and L. M. Minsk, to Eastman Kodak Co. 2,691,584, Cl. 95—8.
- Smith, James H.: *See*—
Smith, Samuel L. and J. H.
- Smith, James J., Baltimore, Md. Indicator ring. 2,666,581, Jan. 19.
- Smith, James L., Charlotte, N. C. Work return mechanism for rip saws. 2,669,263, Feb. 16.
- Smith, James M., Jr.: *See*—
Fahrenbach, Marvin J., Smith, and Hultquist. 2,677,682.
- Smith, James W., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Gas fueled pilot burner and ion sensing flame probe. 2,667,920, Feb. 2.
- Smith, Jesse A. B., to Underwood Corp. 2,690,343, Cl. 282—1.
- Smith, John B.: *See*—
Harker, Maurice G., Smith, and Stillwell. 2,675,469.
- Smith, John E., Greenville, S. C. Filling end parting mechanism for looms. 2,665,717, Jan. 12.
- Smith, John H.: *See*—
Chester, Robert W., Harnett, Royer, and Smith. 2,686,855.
- Hoyt, Richard W., and Smith. 2,688,522.
- Smith, John J.: *See*—
Duncan, James E., and Smith.
Duncan, James E., and Smith. 2,693,422.
Mueller, Frank H., and Smith. 2,696,966.
- Smith, John J., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass composition. 2,669,807, Feb. 23.
- Smith, John O., Jr.: *See*—
Jones, Allen R., and Smith. 2,694,045.
Kearby, Kenneth K., Kirshenbaum, and Smith. 2,678,904.
- Smith, John O., Jr., and A. R. Jones, assignors to Standard Oil Development Company. 2,676,926, Cl. 252—47.5.
- Smith, John P.: *See*—
Hornfeck, Anthony J., Luhrs, and Smith.
- Smith, John P., $\frac{1}{2}$ to L. J. Wolf. 2,683,448, Cl. 126—247.
- Smith, John P., Jr., assignor to The Daven Company. 2,678,985, Cl. 201—48.
- Smith, John R. 2,687,664, Cl. 82—35.
- Smith, John W., Minneapolis, Minn. Hand warmer. 2,670,728, Mar. 2.
- Smith, John W., to Battle Creek Bread Wrapping Machine Co. 2,683,401, Cl. 93—1.
- Smith, John W., to Battle Creek Packaging Machines, Inc. 2,694,964, Cl. 93—1.
- Smith, Joseph B. 2,684,687, Cl. 137—399.
- Smith, Joseph B., to The Standard Oil Co. 2,696,390, Cl. 280—453.
- Smith, Joseph D., and W. B. Taylor, to Johnston Testers, Inc. 2,695,067, Cl. 166—138.
- Smith, Justin L., to Seymour, Smith & Son, Inc. 2,683,311, Cl. 30—248.
- Smith, Kenneth A., to Sinclair Refining Co. 2,686,818, Cl. 260—674.
- Smith, Kenneth D., assignor to Bell Telephone Laboratories, Incorporated. 2,678,427, Cl. 332—20.
- Smith, Kline & French Laboratories: *See*—
Clymer, Harold A., and Ginkiewicz. 2,675,343.
Kerwin, James F., and Ulyot. 2,683,719.
Kerwin, James F., and Ulyot. 2,683,744.
Robertson, Alexander, and Clarke. 2,680,119.
- Smith, Lawrence A., Florissant, and H. F. Gamble, Ferguson, Mo., assignors to Curtiss-Wright Corporation. Aircraft landing gear lock. 2,668,030, Feb. 2.
- Smith, Lawrence R.: *See*—
Macdonald, Angus A., and Smith. 2,697,132.
- Smith, Leah K.: *See*—
Wemp, Ernest E. 2,689,030.
- Smith, Lee B.: *See*—
Miller, Charles B., and Smith.
- Smith, Leland H. and F. M., to Decora Corp. Re. 23,910, Cl. 18—19.
- Smith, Leonard T. 2,676,014, Cl. 272—31.
- Smith, Leslie R.: *See*—
Short, Clair A., Jr., and Smith. 2,695,014.

- Smith, Lester L. 2,675,072, Cl. 160—223.
 Smith, Lester L. 2,694,446, Cl. 160—223.
 Smith, Lincoln G.: See—
 Smyth, Henry D., Smith, and Mack. 2,677,770.
 Woodward, William M., and Smith. 2,677,060.
 Woodward, William M., and Smith. 2,682,611.
 Smith, Lloael C., Jumping Branch, W. Va. Device for use in applying and removing pouring spouts from cans. 2,673,393, Mar. 30.
 Smith, Lloyd B., R. B. Mason, F. H. Blanding, and C. E. Hemminger, to Standard Oil Development Co. 2,694,035, Cl. 196—49.
 Smith, Lloyd P., to Radio Corp. of America. 2,695,373, Cl. 315—5.
 Smith, Lottie D.: See—
 Smith, George I. and L. D. 2,687,336.
 Smith, Lucian B., assignor to General Motors Corporation. 2,680,835, Cl. 324—51.
 Smith, Luther A., to Western Electric Co., Inc. 2,697,141, Cl. 179—187.
 Smith, Mahlon J., assignor to Michigan Wire Goods Company, Niles, Mich. Kitchen or camp implements. 2,669,018, Feb. 16.
 Smith, Marion O.: See—
 Kerr, Charles E., and Smith. 2,687,212.
 Smith, Max. 2,686,581, Cl. 190—54.
 Smith-Meeker Engineering Co.: See—
 Lindley, Frederick A., Jr. 2,688,730.
 Smith, Melvin A.: See—
 Smith, Arthur M., Sr., and M. A. 2,694,318.
 Smith, Milton D., and W. B. Brewer, to the United States of America as represented by the Secretary of the Air Force. 2,695,045, Cl. 150—0.5.
 Smith, Milton E., Logan, Iowa. Fishing plug. 2,666,275, Jan. 19.
 Smith-Morris Corp.: See—
 Kelly, Thomas N. 2,695,074.
 Smith, Nathan L., assignor to the United States of America as represented by the Secretary of the Navy. 2,678,926, Cl. 260—243.
 Smith, Nellie C. 2,687,755, Cl. 150—35.
 Smith, Nicholas M., Jr., to the United States of America as represented by the Secretary of War. 2,691,761, Cl. 324—70.
 Smith, Norman D.: See—
 Leed, Daniel, and Smith. 2,695,980.
 Smith, Norman N. P.: See—
 Cooper, Victor J., and Smith. 2,689,886.
 Smith, Orson P. 2,683,882, Cl. 5—86.
 Smith, Otho W. 2,697,614, Cl. 280—423.
 Smith, Paul E. 2,691,840, Cl. 43—25.2.
 Smith, Paul F., Los Angeles, assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Lead-in terminal. 2,666,805, Jan. 19.
 Smith, Paul V., Jr.: See—
 Morway, Arnold J., and Smith. 2,690,429.
 Smith, Paul V., Jr. L. A. Mikeska, and A. H. Popkin, to Standard Oil Development Co. 2,683,119, Cl. 252—48.6.
 Smith, Perry C.: See—
 Reisner, John H., and Smith. 2,679,018.
 Smith, Perry C., Moorestown, E. G. Dornfeld, Barrington, and G. F. Burger, Camden, N. J., assignors to Radio Corporation of America. High speed microtomy. 2,670,657, Mar. 2.
 Smith, Peter R.: See—
 Murray, George H., and Smith. 2,692,132.
 Smith, Philip T.: See—
 Sziklai, George C., and Smith. 2,686,899.
 Smith, Phillips P., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,679,783, Cl. 85—1.5.
 Smith Pivot Window, Inc., assignee: See—
 Smith, Reginald H.
 Smith, Raymond: See—
 Phillips, Freeman J., and Smith.
 Smith, Raymond D., Easton, Conn. Demountable time switch unit for universal use. Re. 23,783, Feb. 16.
 Smith, Raymond D., Easton, assignor to The A. C. Gilbert Company, New Haven, Conn. Perforate roadbed simulating attachment for toy railroad tracks. 2,665,849, Jan. 12.
 Smith, Raymond E., to The A. C. Gilbert Co. 2,694,136, Cl. 219—39.
 Smith, Raymond E., Hamden, and M. H. Romer, East Haven, assignors to The A. C. Gilbert Company, New Haven, Conn. Roadbed simulating attachment for railroad tracks. 2,665,848, Jan. 12.
 Smith, Raymond L. 2,678,123, Cl. 197—186.
 Smith, Reginald H., St. Albans, assignor to Smith Pivot Window, Inc., New York, N. Y. Sliding window structure. 2,664,600, Jan. 5.
 Smith, Robert E.: See—
 Curci, Raymond L., and Smith. 2,692,582.
 Mullins, William D., Jr., and Smith. 2,677,963.
 Smith, Robert H., and C. J. Van Haltern, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Cooled turbine blade. 2,665,881, Jan. 12.
 Smith, Robert H., and C. J. Van Haltern, to Chrysler Corp. 2,687,278, Cl. 253—39.15.
 Smith, Robert J.: See—
 Faul, Henry, and Smith. 2,690,468.
 Smith, Robert L.: See—
 Drake, Leonard C., and Smith. 2,693,457.
 Smith, Robert L., assignor to Plywood Research Foundation, Tacoma, Wash. Sorter control device. 2,666,536, Jan. 19.
 Smith, Robert L., and L. C. Drake, to Socony-Vacuum Oil Co., Inc. 2,693,455, Cl. 252—414.
 Smith, Robert W.: See—
 Groff, Frazier, Potter, and Smith. 2,681,323.
 Smith, Robert W., and K. Schwartzwalder, assignors to General Motors Corporation. 2,679,568, Cl. 201—63.
 Smith, Ronald, assignor to Armstrong's Patents Company Limited, Eastgate, Beverley, England. Telescopic hydraulic shock absorber. 2,672,952, Mar. 23.
 Smith, Rossman W., and G. E. Underwood, Jr., assignors to Smith & Underwood. 2,677,278, Cl. 73—358.
 Smith, Roy A., New York, N. Y., assignor, by mesne assignments, to Feathercombs, Inc. Hair curl holding clip. 2,664,883, Jan. 5.
 Smith, Roy A., New York, N. Y., assignor, by mesne assignments, to Feathercombs, Inc. Flexible hair retainer. 2,669,239, Feb. 16.
 Smith, Roy D., assignee: See—
 Grammer, Karl H. 2,680,458.
 Smith, Roy F. 2,691,228, Cl. 37—117.5.
 Smith, Roy M., to I-T-E Circuit Breaker Co. 2,693,514, Cl. 200—89.
 Smith, Rulo W., Auburn, assignor of one-half to J. A. McMeen, Fort Wayne, Ind. Air circulator. 2,665,841, Jan. 12.
 Smith, S. Morgan, Co.: See—
 Mayo, Howard A., Sr. 2,689,459.
 Smith, S., & Sons (England) Ltd.: See—
 McNeight, George D. 2,676,455.
 Milsom, Frederick R. 2,692,356.
 Smith, Samuel, Elmdon, England. Rotary swaging or forging machines. 2,669,137, Feb. 16.
 Smith, Samuel H., Cleveland, Ohio, assignor, by mesne assignments, to The Trescott Company, Fairport, N. Y. Incubating apparatus. 2,667,857, Feb. 2.
 Smith, Samuel H., Cleveland, Ohio. Making heat exchanger core tubes. 2,673,542, Mar. 30.
 Smith, Samuel L. and J. H., Hi Hat, Ky. Portable car stop. 2,670,694, Mar. 2.
 Smith, Shelbert: See—
 Dunlop, Andrew P., and Smith. 2,676,186.
 Smith, Sidney R., and C. Rhodes, assignors to Automatic Telephone & Electric Company Limited, Liverpool, England. Electric ribbon cable. 2,667,543, Jan. 26.
 Smith, Sidney R., Jr.: See—
 Nakata, Roy, and Smith. 2,694,120.
 Smith, Sidney R., Jr., assignor to General Electric Company. 2,677,718, Cl. 174—177.
 Smith, Sidney R., Jr., to General Electric Co. 2,694,123, Cl. 200—120.
 Smith, Stanley B., Jr., to Bendix Aviation Corp. 2,683,418, Cl. 103—42.
 Smith, Stanley J., and S. M. Arkawy, to Simmonds Aerocessories, Inc. 2,691,304, Cl. 73—290.
 Smith & Stone Ltd.: See—
 Wold, Trygve. 2,693,024.
 Smith, Telford L. 2,681,816, Cl. 285—183.
 Smith, Telford L. 2,690,193, Cl. 138—99.
 Smith, Telford L. 2,693,975, Cl. 288—24.
 Smith, Temple C., Chalmers, Ind. Reel assembly. 2,672,303, Mar. 16.
 Smith, Theodore C. 2,680,776, Cl. 174—153.
 Smith, Theodore C. 2,682,647, Cl. 339—99.
 Smith, Thomas K., Chatham, N. J. Carton. 2,672,273, Mar. 16.
 Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Bearing construction. 2,667,889, Jan. 26.
 Smith, Thomas R., assignor to The Maytag Company. 2,676,476, Cl. 68—23.
 Smith, Thomas R., assignor to The Maytag Company. 2,676,477, Cl. 68—196.
 Smith, Thomas R., to The Maytag Co. 2,680,914, Cl. 34—44.
 Smith, Thomas R., to The Maytag Co. 2,680,915, Cl. 34—75.
 Smith, Thomas R., to The Maytag Co. 2,680,916, Cl. 34—75.
 Smith, Thomas R., to The Maytag Co. 2,682,599, Cl. 219—19.
 Smith, Thomas R., to The Maytag Co. 2,683,535, Cl. 210—76.
 Smith, Tom Y., to Fleet of America, Inc. 2,694,840, Cl. 20—52.2.
 Smith, Turner L.: See—
 Slottow, Hiram G., and Smith. 2,685,200.
 Smith & Underwood: See—
 Smith, Rossman W., and Underwood. 2,677,278.
 Smith, Verity C.: See—
 Dwyer, Russell N., and Smith. 2,683,695.
 Smith, Victor K., Jr., and S. Kushner, assignors to American Cyanamid Company. 2,677,686, Cl. 260—250.
 Smith, Victor W., to C. V. Hill & Co., Inc. 2,691,870, Cl. 62—3.
 Smith, Vigo N., and G. C. Eltenton, assignors to Shell Development Company. 2,674,696, Cl. 250—43.5.
 Smith, Waldo W., Warwick Neck, and L. A. Prescott, Jr., Pawtucket, assignors to Tower Iron Works, Providence, R. I. Slasher with interchangeable press rolls. 2,664,616, Jan. 5.

- Smith, Walter H. 2,689,603, Cl. 155—136.
 Smith, Walter J., and D. A. McLaren. 2,684,011, Cl. 88—14.
 Smith, Walter W.: *See*—
 Moore, William H., and Smith. 2,677,609.
 Smith, Walter W., Eurcka, Calif. Variable output transformer for converter apparatus. 2,671,886, Mar. 9.
 Smith, Warren M., to Standard Oil Development Co. 2,692,226, Cl. 196—75.
 Smith, Warren M., and J. D. Koontz, to Standard Oil Development Co. 2,696,506, Cl. 260—604.
 Smith, Warren R.: *See*—
 Othmer, Donald F., Mellenger, and Smith. 2,692,206.
 Othmer, Donald F., Ricciardi, and Smith. 2,687,556.
 Othmer, Donald F., and Smith.
 Smith Welding Equipment Corporation, assignee: *See*—
 Smith, Elmer H.
 Smith, Elmer H. 2,677,416.
 Smith, Wesley V. 2,680,044, Cl. 299—84.
 Smith, Will O.: *See*—
 Smith, Elizabeth E. and W. O. 2,675,005.
 Smith, William: *See*—
 Barnes, Ronald S., and Smith. 2,689,247.
 Smith, William B., assignor of one-half to H. A. Gamble, Greenville, Miss. Cotton-picking spindle and drive construction. 2,672,720, Mar. 23.
 Smith, William B., assignor of $\frac{1}{2}$ to H. A. Gamble. 2,676,449, Cl. 56—41.
 Smith, William B., $\frac{1}{2}$ to H. A. Gamble. 2,692,469, Cl. 56—47.
 Smith, William C. 2,681,233, Cl. 280—79.3.
 Smith, William C., and B. Masterton, assignors to Shell Development Company. 2,678,951, Cl. 260—621.
 Smith, William G.: *See*—
 Dennison, Brook J., Keim, and Smith.
 Smith, William I., to Salem-Brosius, Inc. 2,689,121, Cl. 266—42.
 Smith, William J. 2,681,783, Cl. 248—182.
 Smith, William M.: *See*—
 Lehane, Timothy J., Smith, and Ernst. 2,694,526.
 Smith, William M., B. F. Freeberg, and D. A. Brosseau, assignors to Vapor Heating Corporation. 2,679,343, Cl. 226—21.
 Smith, William M., and C. C. Sarnecki, to Vapor Heating Corp. 2,686,043, Cl. 257—3.
 Smith, William M., and C. E. Krupp, to Vapor Heating Corp. 2,689,089, Cl. 236—35.3.
 Smith, William M., Jr.: *See*—
 Lehane, Timothy J., and Smith.
 Reid, Robert J., and Smith.
 Reid, Robert J., Smith, and Werner. 2,686,168.
 Smith, William R. 2,676,826, Cl. 292—175.
 Smith, William R., to American Can Co. 2,687,163, Cl. 153—32.
 Smith, William R., and G. R. Monaco, to The A. C. Gilbert Co. 2,686,385, Cl. 46—40.
 Smith, William R., and G. Monaco, to The A. C. Gilbert Co. 2,694,271, Cl. 46—216.
 Smith, William T. 2,686,662, Cl. 257—8.
 Smith, William T., M. R. Euverard, and F. P. Callahan, Jr., to Interchemical Corp. 2,682,769, Cl. 73—102.
 Smith, William T., Sr., Hialeah, Fla. Fishing line float. 2,669,054, Feb. 16.
 Smith, William V., assignor to Research Corporation. 2,677,051, Cl. 250—21.
 Smith, Wolcott M., Springfield, Mass., assignor, by mesne assignments, to General Instrument Corporation, Elizabeth, N. J. Variable frequency oscillator. 2,673,932, Mar. 30.
 Smithburn, George E. 2,684,022, Cl. 97—216.
 Smithe, F. L., Machine Co. Inc.: *See*—
 Novick, Abraham. 2,677,422.
 Novick, Abraham. 2,696,354.
 Smithers, Vernon L. 2,681,377, Cl. 136—143.
 Smiths America Corp.: *See*—
 Meredith, Frederick W., and Wood. 2,696,552.
 Smith's Jacking Systems Ltd.: *See*—
 Pickard, Sydney J., and Ware. 2,693,150.
 Smith's, John E., Sons Company, assignee: *See*—
 Vastola, Anthony.
 Smithson, Gordon W.: *See*—
 Soule, Harold B., and Smithson.
 Smitley, Marion L., Detroit, Mich., assignor to G. M. and E. Holley. Antistall device. 2,665,891, Jan. 12.
 Smits, Hubertus J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Mechanical drive. 2,664,758, Jan. 5.
 Smits, Marius E.: *See*—
 Laubmeyer, Guenther W., and Smits.
 Smits, Wytze B., to Smitsvonk N. V. 2,685,050, Cl. 315—222.
 Smits, Wytze B., to Smitsvonk, N. V. 2,689,556, Cl. 123—169.
 Smits, Wytze B., to Smitsvonk, N. V. Research Laboratory, Comp. 2,696,512, Cl. 123—148.
 Smitsvonk N. V.: *See*—
 Smits, Wytze B. 2,685,050.
 Smits, Wytze B. 2,689,556.
 Smitsvonk N. V. Research Laboratory, Comp.: *See*—
 Smits, Wytze B. 2,696,512.
 Smook, Malcolm A., and I. D. Roche, to E. I. du Pont de Nemours & Co. 2,683,103, Cl. 154—43.
 Smoot, Charles H., to Republic Flow Meters Co. 2,695,981, Cl. 318—32.
 Smoot, Charles H., and R. W. Landon, assignors to Republic Flow Meters Company. 2,677,123, Cl. 340—178.
 Smoot, John H., Darien, Conn., assignor to Becton Dickinson and Company, Rutherford, N. J. Injection apparatus. 2,669,230, Feb. 16.
 Smoot, Philip: *See*—
 Bartlett, William W., and Smoot. 2,683,986.
 Smulders, Ludovicus J. P.: *See*—
 Van Houten, Hermanus T., Smulders, and van Zeeland.
 Smullin, Louis D., Detroit, Mich. Electronic frequency vernier. 2,666,899, Jan. 19.
 Smullin, Louis D., to the United States of America as represented by the Secretary of the Navy. 2,682,033, Cl. 324—58.
 Smulski, Theodore J., to Productive Inventions, Inc. 2,683,985, Cl. 73—141.
 Smyser, James A., Kern, assignor to Super Mold Corporation of California, Lodi, Calif. Tire bead aligner. 2,672,651, Mar. 23.
 Smyser, James A. 2,697,853, Cl. 18—18.
 Smyth, Henry D., L. G. Smith, and J. E. Mack, assignors to the United States of America as represented by the United States Atomic Energy Commission. 2,677,770, Cl. 250—41.9.
 Smyth, John R., to The Electric Storage Battery Co. 2,686,213, Cl. 136—34.
 Smyth, Leo A., Wyoming, assignor of fifty per cent to H. S. Shaffer, Glendale, Ohio. Prefabricated subdividable surgical splint. 2,667,868, Feb. 2.
 Smyth Mfg. Co., The: *See*—
 Schramm, Carl. 2,692,136.
 Smythe, Alan: *See*—
 Zeilman, Roy H., and Smythe. 2,674,333.
 Smythe, Clifford E., assignee: *See*—
 Wooley, Robert E. 2,674,851.
 Snap-on Tools Corp.: *See*—
 Larson, Kenneth R. 2,682,796.
 Walraven, George M. 2,687,567.
 Snavelly, Clarence S., to Westinghouse Air Brake Co. 2,692,927, Cl. 200—94.
 Snavelly, Cloyd A., C. L. Faust, and J. E. Bride, to The Battelle Development Corp. 2,693,444, Cl. 204—43.
 Snavelly, Harold L., Oak Lawn, assignor to Atmotrol Corporation, Chicago, Ill. Continuous reading specific gravity indicator. 2,670,625, Mar. 2.
 Sneed, Herndon G. 2,696,666, Cl. 30—133.
 Snedaker, Harry P., and J. P. Willson, to Proctor & Schwartz, Inc. 2,693,954, Cl. 271—2.2.
 Snedeker, Claude Q. 2,692,632, Cl. 152—225.
 Sneed, Robert C., to Safeway Stores, Inc. 2,684,748, Cl. 198—33.
 Sneed, Robert C., to Safeway Stores, Inc. 2,697,516, Cl. 209—121.
 Sneed, Robert C., and C. S. Jordan, to Safeway Stores, Inc. 2,697,550, Cl. 235—92.
 Snell, Chester A., J. M. Fain, and J. A. De Rosa, assignors to the United States of America as represented by the Secretary of the Army. 2,674,554, Cl. 148—25.
 Snell, Earl B. 2,684,096, Cl. 150—40.
 Snell, Esmond E., E. L. Wittle, and J. A. Moore, assignors to Parke, Davis & Company. 2,680,767, Cl. 260—561.
 Snell, Esmond E., E. L. Wittle, and J. A. Moore, assignors to Parke, Davis & Company. 2,680,768, Cl. 260—561.
 Snell, Foster D., New York, N. Y., and W. H. Stahl, Philadelphia, Pa., assignors to Foster D. Snell, Inc., New York, N. Y. Composition for cleaning metal. 2,672,449, Mar. 16.
 Snell, Foster D., Inc., assignee: *See*—
 Snell, Foster D., and Stahl.
 Snell, John E.: *See*—
 Talge, Henry J., and Snell. 2,695,644.
 Snell, Robert B.: *See*—
 Oace, Ralph J., Snell, and Le Page. Re. 23,843.
 Snelson, Howard J., $\frac{1}{2}$ to L. Jennings and $\frac{1}{2}$ to J. Pasero. 2,691,282, Cl. 62—158.
 Snelson, Howard J. 2,691,987, Cl. 137—238.
 Snepvangers, René: *See*—
 Goldmark, Peter C., and Snepvangers. 2,681,388.
 Sniader, David H., and R. A. Yuza. 2,684,580, Cl. 62—141.
 Snider, Donald M.: *See*—
 Julian, George W., and Snider.
 Snijders, Antonie: *See*—
 Oberman, Roelof M. M., and Snijders.
 Oberman, Roelof M. M., and Snijders. 2,689,300.
 Oberman, Roelof M. M., Snijders, and Buchner. 2,676,210.
 Snijders, Antonie, The Hague, Netherlands. Arrangement for clearing signals in telegraph systems. 2,671,823, Mar. 9.
 Snijders, Antonie, assignor to Staatsbedrijf der Posterijen, Telegrafie en Telefonie. 2,676,204, Cl. 178—66.
 Snipes, Miles W.: *See*—
 Randall, Louis P., and Snipes.
 Snitgen, Thomas: *See*—
 Carpenter, De Witt E. and C. H., and Snitgen. 2,695,761.
 Snitjer, Kornelius, to American Enka Corp. 2,695,400, Cl. 340—213.
 Snoddy, Leland B.: *See*—
 Beams, Jesse W., Kinsey, and Snoddy. 2,691,306.
 Snoddy, Max E., Dallas, Tex. Underground sprinkler system. 2,668,078, Feb. 2.

- Snoddy, William J., to Phillips Petroleum Co. 2,696,185, Cl. 114—74.
- Snook, W. B., Mfg. Co., Inc., assignee: *See—*
- Snook, Walter B.
- Snook, Walter B., assignor to W. B. Snook Mfg. Co., Inc., Palo Alto, Calif. Thermally controlled fireplace damper. 2,665,683, Jan. 12.
- Snow, Barton S., Chicago, Ill., assignor to T. W. Snow Construction Company, Inc. Granular material handling device. 2,669,488, Feb. 16.
- Snow, Barton S., assignor to T. W. Snow Construction Company, Inc. 2,678,240, Cl. 302—53.
- Snow, Carl W.: *See—*
- Sweigart, Arthur L., Snow, and Smith. 2,682,450.
- Snow, Donald L.: *See—*
- Hansen, William W., and Snow. 2,685,125.
- Snow, Gerald A., Uxbridge, Mass., and H. H. Trebes, Windover Hills, Pa., assignors to Whitin Machine Works, Whitinsville, Mass. Bobbin replenishing mechanism for winding machines. 2,669,397, Feb. 16.
- Snow, James H.: *See—*
- Shooltz, Alwin F., Brown, and Snow. 2,688,496.
- Snow, John E., and R. H. Barth, to Heyden Chemical Corp. 2,687,430, Cl. 260—488.
- Snow, Kenneth T.: *See—*
- Preisinger, Carl M. 2,693,940.
- Snow, Leonard A. 2,694,998, Cl. 116—115.5.
- Snow, Raymond M. 2,674,075, Cl. 56—11.
- Snow, T. W., Construction Company, assignee: *See—*
- Snow, Barton S. 2,678,240.
- Snow, T. W., Construction Company, Inc., assignee: *See—*
- Snow, Barton S.
- Snyder, Benjamin L. 2,681,491, Cl. 24—205.15.
- Snyder, Charles H.: *See—*
- Parkinson, Leland J., and Snyder. 2,690,488.
- Snyder, Claude E., Drayton, S. C. Top roll clearer. 2,673,375, Mar. 30.
- Snyder, Clifford H., A. E. Lamm, W. D. Carothers, and V. J. McCarthy, to The Colmol Co. 2,694,562, Cl. 262—9.
- Snyder, Elmer C.: *See—*
- Herman, Walter, and Snyder. 2,681,698.
- Snyder, Eugene H., to Lockheed Aircraft Corp. 2,696,451, Cl. 154—43.
- Snyder, Harold H., to E. I. du Pont de Nemours and Co. 2,691,609, Cl. 154—43.
- Snyder, Henry L. 2,687,033, Cl. 72—39.
- Snyder, Jacob R. 2,684,132, Cl. 188—203.
- Snyder, Jacob R. 2,690,859, Cl. 222—134.
- Snyder, Jacob R. 2,690,876, Cl. 238—349.
- Snyder, Jacob R. 2,690,877, Cl. 238—349.
- Snyder, Jacob R. 2,690,878, Cl. 238—370.
- Snyder, Jacob R. 2,690,879, Cl. 238—371.
- Snyder, Jacob R., to Thompson Products, Inc. 2,697,570, Cl. 248—2.
- Snyder, James E.: *See—*
- Carson, Clarence M., and Snyder.
- Snyder, Lee. 2,684,488, Cl. 5—68.
- Snyder, Leonard L., to Backflow Engineering & Equipment Co. 2,686,528, Cl. 137—217.
- Snyder, Lew C., Seattle, Wash. Adjusting means for the iris diaphragm of photographic cameras. 2,672,798, Mar. 23.
- Snyder, Merton F.: *See—*
- Armstrong, Daniel A., and Snyder. 2,696,221.
- Snyder Oil Tool Corp.: *See—*
- Snyder, Robert E. 2,688,984.
- Snyder, Robert E. 2,694,551.
- Snyder, Perry G., to The Aetna-Standard Engineering Co. 2,697,506, Cl. 198—35.
- Snyder, Robert E., to Snyder Oil Tool Corp. 2,688,984, Cl. 138—31.
- Snyder, Robert E., to Snyder Oil Tool Corp. 2,694,551, Cl. 255—3.
- Snyder, Rube A. 2,679,405, Cl. 280—481.
- Snyder, Walter E. 2,682,190, Cl. 85—3.
- Snyder, Wesley J., R. G. Griffin, and E. E. Dominick, assignors to Preway Inc. 2,680,524, Cl. 212—129.
- Snyder, William A. 2,680,314, Cl. 38—126.
- Snyder, William A. 2,685,490, Cl. 312—224.
- Snyder, William S., Emporium, Pa., assignor to Sylvania Electric Products, Inc. Exhaust machine. 2,673,784, Mar. 30.
- Soapsudzer, Inc.: *See—*
- Wood, Bennie A. 2,686,080.
- Sobek, Andrew R., assignor, by mesne assignments, to Clevite Corporation. 2,674,520, Cl. 23—273.
- Sobek, Andrew R., and D. R. Hale, assignors, by mesne assignments, to Clevite Corporation. 2,675,303, Cl. 23—301.
- Sobisch, Johannes, to Anker-Werke, A. G. 2,681,616, Cl. 101—109.
- Soby, William, to Electric & Musical Industries Ltd. 2,689,214, Cl. 204—5.
- Sochor, Franz, assignor to O. Brullhard. 2,674,166, Cl. 95—34.
- Sochor, Franz, and H. Tischberger, assignors to Optische Anstalt C. P. Goerz Gesellschaft m. b. H. 2,679,196, Cl. 95—11.
- Società Anonima Apparecchi Fotografici Ferrania, assignee: *See—*
- D'Incerti, Lodovico.
- Società Finanziaria Siderurgica Finsider per Azioni, assignee: *See—*
- Pittaluga, Giovanni B. 2,675,705.
- Società Rhodiatoce S. p. A.: *See—*
- Ingraito, Francesco. 2,697,009.
- Société à Responsabilité Limitée dite: Arlux: *See—*
- Castelli, Etienne. 2,697,212.
- Société à Responsabilité Limitée dite Mecanique Navale Gendron: *See—*
- Gendron, Pierre M. 2,694,470.
- Société à Responsabilité Limitée so-called Leboey Machines, assignee: *See—*
- Leboey, Bernard J. E.
- Société Alsacienne de Constructions Mecaniques: *See—*
- Chavignier, André C. 2,698,430.
- Douchet, Florimond A. J. 2,677,878.
- Douchet, Florimond A. J. 2,694,849.
- Herreng, Pierre A. 2,696,555.
- Pagès, André P., and Dureau. 2,685,647.
- Société Anonyme André Citroën, assignee: *See—*
- Du Rostu, Georges L.
- Du Rostu, Georges L. 2,676,685.
- Du Rostu, Georges L. 2,674,359.
- Société Anonyme de Distribution du Gas (Distrigaz), assignee: *See—*
- Berghe, Georges J. L. V., and Schaefer.
- Société Anonyme de Telecommunications: *See—*
- Lebedinsky, Myron.
- Parcé, Léon J., and Vergès. 2,695,038.
- Société Anonyme de Vente des Instruments de Geodesie Henri Wild: *See—*
- Locquin, Marcel V. 2,687,670.
- Société Anonyme des Anciens Etablissements Albaret, assignee: *See—*
- Paramythioti, Jean M. 2,674,165.
- Société Anonyme des Ateliers de Secheron, assignee: *See—*
- Leischner, Georg. 2,679,111.
- Société Anonyme des Ateliers et Chantiers de la Loire: *See—*
- Wagner, Roger. 2,685,177.
- Société Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey: *See—*
- Arbeit, Pierre, and La Burthe. 2,677,003.
- Arbeit, Pierre, and La Burthe. 2,691,689.
- Arbeit, Pierre, and Thebault. 2,686,820.
- Bird, George W. T., Dennett, and Wood. 2,677,918.
- Crauland, Marc J. L. 2,674,573.
- Martin, Yves P. M. 2,698,219.
- Monnet, Georges H. J. 2,688,437.
- Reggiani, Giulio. 2,674,067.
- Viard, Marcel J. 2,676,872.
- Viard, Marcel J. 2,684,977.
- Société Anonyme des Terres Decolorantes Françaises Franterre: *See—*
- Augustin, Jean. 2,689,841.
- Société Anonyme d'Innovations Chimiques dit: Sinnova ou Sadic, assignee: *See—*
- Blinoff, Vsevolod.
- Société Anonyme dite: Ateliers de Constructions Electriques de Charleroi, assignee: *See—*
- Navarre, Roger F. D.
- Société Anonyme dite: Compagnie des Freins et Signaux Westinghouse: *See—*
- Mataré, Herbert F.
- Mataré, Herbert F. 2,677,757.
- Mataré, Herbert F., and Welker.
- Welker, Heinrich. 2,683,840.
- Société Anonyme dite: Compagnie Electro-Mecanique: *See—*
- Destival, Pierre. 2,697,492.
- Société Anonyme dite: Compagnie Generale de Constructions de Locomotives (Batignolles-Chatillon), assignee: *See—*
- Le Brusque, René, and Le Lan. 2,676,507.
- Société Anonyme dite: Société des Piles Wonder: *See—*
- Bernot, Lucien. 2,696,514.
- Héraud, André.
- Société Anonyme dite: Société General Isothermos, assignee: *See—*
- Bouvat-Martin, Jean. 2,674,503.
- Société Anonyme dite: Société Nouvelle de Construction de Machines Outils et d'Outils Procédés C. W. B.: *See—*
- Berthiez, Charles W.
- Berthiez, Charles W. 2,685,122.
- Société Anonyme Etablissements Ed. Jaeger, assignee: *See—*
- Rodanet, Charles H. H. 2,675,026.
- Société Anonyme Française du Ferodo: *See—*
- Maurice, Jean. 2,681,579.
- Société Anonyme John Cockerill: *See—*
- Maldague, Pierre E. J. M. 2,676,044.
- Société Anonyme pour les Applications de l'Electricité et des Gaz Rares-Etablissements Claude-Paz & Silva, assignee: *See—*
- Delrieu, Pierre, and Claude. 2,677,623.
- Kayser, Daniel.
- Société Anonyme pour l'Industrie de l'Aluminium, assignee: *See—*
- Nüesch, Johannes, Bertschy, and Galeazzi. 2,678,879.
- Nüesch, Johannes, Bertschy, and Galeazzi. 2,678,880.
- Société Anonyme so called: Compagnie Electro-Mecanique: *See—*
- Polard, Jean. 2,696,658.

- Societe Anonyme so-called: Societe d'Etudes et de Recherches Industrielles "S. O. T. R. E. M. A.," assignee: *See—*
 Métailler, Roger. 2,678,136.
- Societe Civile d'Etudes de Calcul Automatique (S. C. E. C. A.), assignee: *See—*
 Couffignal, Pierre L. 2,675,962.
- Societe Civile d'Etudes pour Materiel de Fonderie: *See—*
 Fouron, Pierre, and Bourret. 2,696,031.
 Fouron, Pierre, and Bouret. 2,696,082.
- "Societe d'Appareils de Controle et d'Equipement des Moteur" (S. A. C. E. M.): *See—*
 Mennesson, Marcel. 2,685,654.
- Societe d'Applications et de Constructions pour Materiel Automobile (S. A. C. M. A.): *See—*
 Mennesson, Marcel. 2,685,197.
 Mennesson, Robert. 2,688,192.
- Societe de Brevets pour les Applications de l'Electronique (S. B. A. E.): *See—*
 Droin, Jacques P. M., and Bonhomme. 2,683,371.
- Societe de la Viscose Suisse, assignee: *See—*
 Karlen, Herman, and Colombu.
 Zingg, Emil F.
- Societe de Prospection Electrique Procèdes Schlumberger: *See—*
 Schlumberger, Marcel. 2,681,701.
 Schlumberger, Marcel. 2,694,791.
- Societe de Technique Industrielle, assignee: *See—*
 Petit, Daniel.
- Societe d'Electricite Mors, assignee: *See—*
 Torcheux, Charles. 2,679,819.
- Societe d'Electro-Chimie, d'Electro-Metallurgie et des Acleries Electriques d'Ugine, assignee: *See—*
 Marquaire, Charles.
 Sablé, André. 2,678,873.
- Societe d'Electronique et d'Automatisme: *See—*
 Gloess, Paul F. M. 2,679,040.
 Gloess, Paul F. M., and Piel. 2,689,683.
 Morel, Pierre L. G.
 Raymond, François H.
 Raymond, François H., and Piel.
- Societe des Accumulateurs Fixes & de Traction: *See—*
 Salauze, Jean. 2,683,181.
 Salauze, Jean. 2,683,182.
- Societe des Grands Travaux de Marseille, Societe Anonyme, assignee: *See—*
 Chalos, Marcel. 2,674,115.
- Societe des Produits Chimiques de Clamecy, assignee: *See—*
 Charles, Ernest.
- Societe des Usines Chimiques Rhone-Poulenc: *See—*
 Bidaud, Auguste F. 2,677,658.
 Fenoglio, Maurice, and Pacoud. 2,680,139.
 Jacob, Robert M.
 Jacob, Robert M. 2,680,740.
 Jacob, Robert M., and Liakhoff.
 Mosnier, Michel M., and Fournet. 2,681,937.
 Mosnier, Michel M., and Fournet. 2,697,121.
 Preud'Homme, Jean. 2,680,736.
 Scriabine, Igor.
 Scriabine, Igor. 2,674,629.
 Tchelitcheff, Serge. 2,674,625.
- Societe d'Etude de la Propulsion par Reaction: *See—*
 Schneider, Hans. 2,689,454.
- Societe d'Etude et d'Exploitation du Palier Fluide (S. E. E. P. F.): *See—*
 Gérard, Paul L. J. 2,692,803.
- Societe d'Etudes de Carburateur pour l'Automobile et l'Aviation—"S. E. C. A. A.," assignee: *See—*
 Lecarmure, Louis.
- Societe d'Etudes et de Participations Eau, Gaz, Electricite, Energie, S. A.: *See—*
 Huber, Robert.
 Huber, Robert. 2,695,497.
 Huber, Robert. 2,695,601.
- "Societe d'Etudes Hydrauliques pour l'Industrie Miniere" (S. E. H. I. M.): *See—*
 Perrin, Jacques, and Grinberg. 2,694,293.
- Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M.: *See—*
 Chabay, Marcel R. A.
 Lucien, René.
 Lucien, René, and Müller.
 Lucien, René, and Tetart. 2,691,804.
- Societe dite: Comptoir Linier: *See—*
 Latieule, Yves. 2,690,194.
- Societe dite: Société Civile d'Etudes pour Materiel de Fonderie: *See—*
 Fouron, Pierre, and Bourret. 2,698,005.
- Societe dite: Usines Gallus (societe anonyme), assignee: *See—*
 Duchatellier, Henry.
- Societe du Fibrociment et des Revetements Elo: *See—*
 Hugonnet, Henri. 2,685,119.
- Societe Fichet Beau & Cie: *See—*
 Sallé, Raoul. 2,685,192.
- Societe Financiere d'Expansion Commerciale et Industrielle S. A. "Sindex": *See—*
 Schneider, August J. 2,683,419.
 Schneider, August J. 2,684,634.
- Societe Francaise d'Equipements pour la Navigation Aerienne S. F. E. N. A., assignee: *See—*
 Alkan, Robert. 2,676,408.
- Societe Francaise des Munitions de Chasse, de Tir et de Guerre, S. A., assignee: *See—*
 Morel, Maurice E.
- Societe Francaise des Telecommunications, assignee: *See—*
 Bataille, Roger, and Honorat. 2,679,005.
- Societe Francaise Radio-Electrique: *See—*
 Chireix, Henri.
 Chireix, Henri. 2,677,806.
 Danzin, Andre, Despois, and Patriarche. 2,684,777.
- Societe Francaise Sadir-Carpentier: *See—*
 Desenfant, André. 2,683,253.
 Masson, Emile, and Briffard.
- Societe Generale d'Electronique: *See—*
 Auphan, Michel. 2,681,423.
- Societe Genevoise d'Instruments de Physique: *See—*
 Courtois, Francis. 2,687,188.
 Mottu, André. 2,694,957.
- Societe Jaruza A. G. Chur, assignee: *See—*
 Dru, Marcel. 2,678,727.
 Ruepp, Traugott A. 2,679,316.
- Societe la Cellophane, assignee: *See—*
 Brandenberger, Jacques E.
- Societe "La Radio-Industrie": *See—*
 Cahen, Roger R. 2,691,612.
- Societe Lignes Telegraphiques & Telephoniques: *See—*
 Sabine, Maurice. 2,695,329.
- Societe Marocaine Technique et Commerciale, assignee: *See—*
 Finkelstein, Lazare, and Baffrey.
- Societe Metallurgique de l'Escout: *See—*
 Delor, Gaston C. 2,681,087.
- Societe Nationale de Constructions Aeronautiques du Sud-Est, assignee: *See—*
 Marnay, Louis J. 2,675,196.
- Societe Nationale de Constructions Aeronautiques du Sud-Quest (Societe Anonyme), assignee: *See—*
 Laufer, Theodor. 2,677,429.
 Morain, Paul. 2,679,296.
- Societe Nationale d'Etude et de Construction de Moteurs d'Aviation: *See—*
 Bertin, Jean H.
 Bertin, Jean H., and Paris.
 Enfer, Pierre V., Jaspard, and Wellard.
 Fournier, Jean, and Le Foll. 2,692,166.
 Garnier, Henri L., and Marchal.
 Le Sech, Yves. 2,696,662.
 Marchal, Raymond H., and Fabre.
 Roy, Maurice. 2,684,817.
- Societe Nouvelle de Construction de Machinés-Outils et d'Outilsage, Procèdes C. W. B.: *See—*
 Berthiez, Charles W. 2,682,808.
- Societe Nouvelle des Etablissements Brandt, assignee: *See—*
 Mourlaque, Gaston A.
- Societe Novacel: *See—*
 Drisch, Nicolas, and Fays. 2,680,884.
- Societe Organico, assignee: *See—*
 Dupont, Georges, and Kostelitz. 2,674,608.
 Genas, Michailas. 2,674,607.
- Societe Preparation Industrielle des Combustibles: *See—*
 Mohier, Lucien. 2,692,368.
- Societe Rateau (Societe Anonyme): *See—*
 Anxionnaz, Rene, and Imbert. 2,683,964.
 Anxionnaz, René, and Sédille. 2,693,674.
 Sédille, Marcel H. L. 2,677,062.
- Societe Rhodiaceta, assignee: *See—*
 Chezaud, Jean.
 Mosse, Pierre.
- Societe Solex: *See—*
 Mennesson, Marcel L. 2,693,349.
- Society "Brevets Aero Mecaniques," S. A., assignee: *See—*
 Maillard, Bernard.
 Weiss, Willi.
- Society "Bureau Technique Gautrat": *See—*
 Neumann, Georg. 2,693,499.
- Society Conte: *See—*
 Maurin, Jacques. 2,694,128.
- Society d'Electricite Mors: *See—*
 Le Goff, Lucien J. A. 2,692,921.
- Society "Electro-Mecanique de l'Aveyron," S. A.: *See—*
 Bessière, Pierre E. 2,683,229.
- Society "Hispano-Suiza" (Suisse) S. A.: *See—*
 Birkigt, Louis. 2,680,495.
 Birkigt, Louis. 2,692,473.
- Society Usines Tornor, Fabrique de Machines Moutier S. A., assignee: *See—*
 Scherier, Hermann.
- Socke, John E., Pelham Manor, assignor to American Can Company, New York, N. Y. Control mechanism for article transfer devices. 2,665,013, Jan. 5.
- Sockman, Loy W., Los Angeles, and E. W. Brady, Inglewood, assignors, by mesne assignments, to Northrop Aircraft, Inc., Hawthorne, Calif. Dye solution flaw inspection method. 2,667,070, Jan. 26.
- Socony-Vacuum Oil Co., Inc.: *See—*
 Anderson, Harry C., and Delaney. 2,681,303.
 Augustine, Frederick B.
 Badertscher, Darwin E., Francis, and Johnson. 2,688,645.
 Beard, Leslie C., Jr. 2,678,132.
 Bergstrom, Eric V.
 Bergstrom, Eric V. 2,681,269.

Socony-Vacuum Oil Co., Inc.: *See*—Continued.

- Bergstrom, Eric V. 2,684,768.
 Bergstrom, Eric V. 2,684,927.
 Bergstrom, Eric V. 2,687,618.
 Bergstrom, Eric V. 2,690,056.
 Bodkin, Ernest A. 2,696,462.
 Bowles, Vernon O. 2,692,128.
 Bergstrom, Eric V. 2,695,220.
 Bergstrom, Eric V. 2,695,815.
 Bowles, Vernon O. 2,687,371.
 Brooks, John W., and Meisel. 2,675,373.
 Brown, Lyman R., and Whittet.
 Buck, Julian R. 2,675,702.
 Clewell, Dayton H. 2,675,086.
 Cook, Evlin L. 2,691,298.
 Conradt, Harry L., Gutzeit, and Rope. 2,689,266.
 Covington, James D.
 Crowley, John A., Jr. 2,676,142.
 Drake, Leonard C., and Smith. 2,693,457.
 Drew, Robert D. 2,678,328.
 Drew, Robert D., and Tohlne. 2,695,266.
 Eastwood, Sylvander C. 2,690,057.
 Fahnestock, Frank C., Shambaugh, and Howard. 2,697,685.
 Fellows, Albert T. 2,693,481.
 Fontana, Celeste M., and Herold. 2,678,957.
 Francis, Alfred W.
 Francis, Alfred W. 2,691,048.
 Francis, Alfred W. 2,698,276.
 Francis, Alfred W. 2,698,277.
 Francis, Alfred W. 2,698,278.
 Garwood, William E. 2,687,983.
 Garwood, William E., Seger, and Sachanen. 2,681,905.
 Giammaria, John J.
 Giammaria, John J. 2,686,759.
 Giammaria, John J. 2,698,297.
 Giammaria, John J. 2,698,298.
 Giammaria, John J. 2,698,299.
 Giammaria, John J. 2,698,316.
 Gorin, Everett. 2,681,302.
 Gorin, Everett. 2,681,332-7.
 Hamilton, Lyle A., and Feasley. 2,689,251.
 Hansford, Rowland C. 2,678,923.
 Hartough, Howard D., and Dickert. 2,678,333.
 Hermanson, Donald A. 2,674,564.
 Holzinger, Rudolph J., and Traver. 2,688,246.
 Jones, Melvin J., and Crowley. 2,690,413.
 Jehle, John A., Jr. 2,695,879.
 Jennings, Leon H. 2,677,151.
 Kerr, Robert B., and Roberts. 2,697,648.
 Koft, Emil, Jr., and Johnson. 2,681,350.
 Landis, Phillip S., Norris, and White. 2,693,448.
 Lichty, Lester C.
 Mayes, George C., and Koch.
 McLoad, Kenneth W.
 McClure, Carroll D., and Mills. 2,684,468.
 Metler, Alvin V. 2,679,752.
 Metler, Alvin V. 2,691,631.
 Middleton, William R.
 Middleton, William R. 2,688,041.
 Minton, John P.
 Myers, Harold C. 2,674,565.
 Neuworth, Martin B.
 Nichols, Clayton W., Jr., and Schroeder. 2,695,877.
 Norris, Henry D., and White. 2,679,481.
 Norris, Henry D., and White. 2,697,074.
 Otto, Ferdinand P. 2,680,759.
 Pabst, Arthur C., Holzinger, and Gavin. 2,695,277.
 Payne, John W.
 Payne, John W. 2,688,464.
 Penick, Joe E. 2,689,822.
 Plank, Charles J.
 Plank, Charles J., Lukasiewicz, and Drake. 2,698,305.
 Ray, Frederick E. 2,687,372.
 Reiff, Orland M. 2,677,659.
 Reiff, Orland M., and Kozacik.
 Sinclair, Edward L. 2,686,111.
 Smith, Robert L., and Drake. 2,693,455.
 Summers, Gerald C., and Broding. 2,691,422.
 Terry, Jerome T., Jr., and Reeves. 2,677,152.
 Turkelson, Robert E., and Showalter.
 Updegraff, David M., and Chase.
 Watkins, Thomas E. 2,691,630.
 Wehrle, Joseph J. 2,674,603.
 Weisz, Paul B. 2,681,167.
 Weisz, Paul B. 2,687,990.
 Weisz, Paul B., and Goodwin. 2,676,145.
 Weisz, Paul B., and Sachanen. 2,675,344.
 White, Ralph V., Landis, and Backensto. 2,686,713.
 White, Ralph V., and Norris. 2,697,073.
 Wilson, Robert C., Jr. 2,694,039.
 Winn, Francis W., and Steffens.
 Yost, William J. 2,685,058.
 Zimmerman, Carl W. 2,689,329.
- Söderlund, Gustav K., S. G. Lindberg, and T. M. G. Simmons, assignors to Rosenblad Corporation. 2,678,615, Cl. 110-7.
 Soderquist, Frederick J.: *See*—
 Amos, James L., and Soderquist. 2,683,180.
 Schwegler, Clarence C., Tennant, and Soderquist. 2,683,123.
 Soeder, Harlan D. 2,676,337, Cl. 5-94.
 Soehner, Howard C., to The Mengel Co. 2,689,592, Cl. 144-281.
 Soffa, Albert, assignor to Wolf Brothers, Inc. 2,679,350, Cl. 229-54.
 Soffa, Albert, assignor to Wolf Brothers, Inc. 2,679,351, Cl. 229-54.
 Soffel, Robert O.: *See*—
 Bachelet, Albert E., and Soffel. 2,696,529.
 Entz, Ferdinand S., Pullis, Ressler, Soffel, and Weber. 2,677,726.
 Soffel, Robert O., Hastings-on-Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron beam register signaling system. 2,671,824, Mar. 9.
 Soffer, Jack W., assignor to Development Research, Inc., St. Louis, Mo. Container closure. 2,665,820, Jan. 12.
 Sofio, Edward G., to Hercules Mfg. Co., Inc. 2,694,835, Cl. 19-97.
 Sogge, Melvin G., to Minneapolis-Honeywell Regulator Co. 2,688,974, Cl. 137-66.
 Sogge, Melvin G., to Minneapolis-Honeywell Regulator Co. 2,693,823, Cl. 137-614.21.
 Sogn, Allen W., to Allied Chemical & Dye Corp. 2,684,358, Cl. 260-143.
 Sogn, Allen W., to Allied Chemical & Dye Corp. 2,684,359, Cl. 260-143.
 Sogn, Harold J., and E. A. Hanaway. 2,681,661, Cl. 137-411.
 Söhlemann, Just: *See*—
 Feucht, Otto, and Söhlemann. 2,691,548.
 Sohlman, Nils F., to A B Svenska Flaktfabriken. 2,684,730, Cl. 183-7.
 Solsson, Camille, Rodange, Luxembourg. Refining steel. 2,670,283, Feb. 23.
 Sokol, Harry: *See*—
 Sokol, Samuel J. 2,696,473.
 Sokol, Samuel J., deceased, by H. Sokol, to The Texas Co. 2,696,473, Cl. 252-37.2.
 Sokolik, Edward, New Brighton, Minn. Body lowering apparatus. 2,665,111, Jan. 5.
 Sokolik, Edward, New Brighton, Minn. Laundry flatiron. 2,666,274, Jan. 19.
 Sokolov, David A., Lynn, assignor to Columbia Broadcasting System, Inc., doing business under the name of Hytron Radio & Electronics Co., Salem, Mass. Electronic tube. 2,667,528, Jan. 26.
 Sola, Joseph G. 2,694,163, Cl. 317-147.
 Sola, Joseph G. 2,694,177, Cl. 323-60.
 Solar Aircraft Co.: *See*—
 Dunn, Walter H., and Southard. 2,693,414.
 Nelson, Morris E. 2,693,371.
 Pitt, Paul A. 2,688,843.
 Wosika, Leon R. 2,681,788.
 Wosika, Leon R. 2,682,925.
 Ziebold, Eugene H. 2,682,893.
 Solar Corporation, assignee: *See*—
 Foster, Willis R., and Wethe.
 Lund, Arthur D. 2,678,736.
 Solar Mfg. Corp.: *See*—
 Watson, Menard J. 2,692,090.
 Solari, Remigio, assignor to Solari Remigio & C. Fabbrica Orologerie Industriali, Udine, Italy. Electromechanic wall calendar clock. 2,667,735, Feb. 2.
 Solari Remigio & C. Fabbrica Orologerie Industriali, assignee: *See*—
 Solari, Remigio.
 Solberg, Archie N., assignor to G. S. Mack. 2,674,759, Cl. 15-193.
 Soldan, Lewis E., assignor to Productive Equipment Corporation. 2,679,318, Cl. 209-393.
 Soldan, Lewis E. 2,685,850, Cl. 108-3.
 Soldan, Lewis E., to Productive Equipment Corp. 2,693,331, Cl. 248-18.
 Soldan, Lewis E. 2,696,936, Cl. 223-95.
 Solder-Weld Corp., The: *See*—
 Obolensky, Alexis G. 2,689,901.
 Soldevila Abellanet, Francisco, 20% to W. O. Runcie and C. N. Griffiths. 2,693,759, Cl. 103-72.
 Soldo, Leonard. 2,683,430, Cl. 112-152.
 Sollami, Carl, to Sylvania Electric Products Inc. 2,695,593, Cl. 118-408.
 Sollenberg, Lester D.: *See*—
 Broussard, Robert F., Miller, and Sollenberger. 2,695,090.
 Soller, Walter: *See*—
 Ramey, Robert A., and Soller.
 Soller, Walter, C. A. Schneider, and H. E. Hancock, to Askania Regulator Co. 2,695,982, Cl. 318-202.
 So-Lo Works, Incorporated, assignee: *See*—
 Marx, Joe J.
 Solomon, Eric L. 2,697,302, Cl. 46-133.
 Solomon, Morris, Los Angeles, Calif. Mop and attachment therefor. 2,668,312, Feb. 9.
 Solomon, Nathan L., assignee: *See*—
 Feyrer, William F.
- Sodeco Societe des Compteurs de Geneve: *See*—
 Fässer, Rolf, and Meloni. 2,684,998.
 Soderberg, Clifford A.: *See*—
 Leiser, Royle E., and Soderberg.
 Soderberg, William E. 2,692,157, Cl. 292-288.
 Söderholm, Axel O. 2,679,133, Cl. 56-328.
 Söderlund, Gustav B., Stockholm, Sweden. Producing chain-links. 2,665,547, Jan. 12.

- Solomon, Ralph E., to Samuel Stamping & Enameling Co. 2,681,649, Cl. 126—116.
- Solomon, Thomas S.: *See*—
Hooper, Gilman S., and Solomon. 2,692,185.
- Solon Mfg. Co.: *See*—
Ralston, Eldon K. 2,696,132.
- Solomon, Nicholas W., and D. I. Randall, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Dialkyl- α,α' -dicyano-2,5-dialkoxy-p-benzene-diacylates. 2,669,575, Feb. 16.
- Solor Aircraft Company, assignee: *See*—
McDaniel, Rankin H. 2,680,797.
- Solovieff, George B.: *See*—
Russell, Fred J., Dietrich, and Solovieff. 2,674,481.
- Soloway, Samuel B., assignor, by mesne assignments, to Shell Development Company. 2,676,131, Cl. 167—33.
- Soloway, Samuel B., to Shell Development Co. 2,694,073, Cl. 260—327.
- Soltis, John A., to D. and I. Berlin, trading as Dennis Mitchell Industries. 2,690,787, Cl. 155—11.
- Solum, Odd W. 8,676,629, Cl. 144—304.
- Sommeyer, Harry J., to Diamond Alkali Co. 2,687,394 Cl. 260—41.
- Somers, Herbert H. 2,687,231, Cl. 220—97.
- Somerville, Thomas, III.: *See*—
Clark, John R. 2,689,391.
- Somma, Gildo J. 2,696,859, Cl. 145—67.
- Sommer, Julius V., to Standard Oil Development Co. 2,688,869, Cl. 73—55.
- Sommer, Leo H., State College, Pa., assignor to Dow Corning Corporation, Midland, Mich. Bis-triorganosilyl-substituted oximes. 2,672,473, Mar. 16.
- Sommer, Leo H., State College, Pa., assignor to Dow Corning Corporation, Midland, Mich. Bis-triorganosilyl-substituted ketones. 2,672,474, Mar. 16.
- Sommer, Leo H., to Dow Corning Corp. 2,687,418, Cl. 260—345.9.
- Sommer, Leo H., to Dow Corning Corp. 2,687,424, Cl. 260—448.2.
- Sommer, Leo H., to Dow Corning Corp. 2,691,032, Cl. 260—448.2.
- Sommer, William A.: *See*—
Stuart, Gerald H., Howard, Watson, Clickner, and Sommer. 2,682,469.
- Sommers, Armiger H.: *See*—
Weston, Arthur W., Sommers, and Beck. 2,684,965.
- Sommerville, Ivan L. 2,681,084, Cl. 140—63.
- "Sonapar" Societe de Participation, S. A.: *See*—
Marcerou, Paul. 2,695,775.
- Sonderegger, Konrad, to Schweizerische Lokomotiv- und Maschinenfabrik. 2,687,782, Cl. 183—67.
- Sondermann, Karl, to Metallgesellschaft Aktiengesellschaft. 2,695,869, Cl. 202—52.
- Sonesson, Georg: *See*—
Arvidsson, Algot, Elmlund, and Sonesson.
- Sonia, Joseph A., and E. H. Scremin, assignors to Hooker Electrochemical Company. 2,674,620, Cl. 260—487.
- Sonius, Cornelis P., assignor to Vennootschap onder firma Oscar Keip, Groningen, Netherlands. Voltage reducing device for welding transformers. 2,668,273, Feb. 2.
- Sonnemann, William K., to Westinghouse Electric Corp. 2,697,187, Cl. 317—157.
- Sonnenfeld, Richard J.: *See*—
Uraneck, Carl A., and Sonnenfeld. 2,697,700.
- Sonnino, Mario, and V. G. Forzley, to American Cyanamid Co. 2,688,067, Cl. 219—19.
- Sonoco Products Co.: *See*—
Copenhaver, James E., Clarkson, and Woods. 2,677,165.
- Dunlap, Charles K. 2,678,781.
- Dunlap, Charles K. 2,679,989.
- Dunlap, Charles K. 2,690,311.
- Sonotone Corp.: *See*—
Koren, Heiman W., and Baumstark. 2,696,515.
- Reichert, Philip.
- Sooter, Joyce M., Winfield, Kans. Book end. 2,665,010, Jan. 5.
- Sooy, Brainard E.: *See*—
Sooy, Walter E. and B. E., and Kramer. 2,687,301.
- Sooy, Brainard E., assignor to The Gardner Board and Carton Co. 2,674,123, Cl. 73—96.
- Sooy, Walter E. and B. E., and J. Kramer, to The Gardner Board and Carton Co. 2,687,301, Cl. 271—87.
- Soper, Vernard: *See*—
Hodson, Ernest K. 2,697,152.
- Soprano, William G. 2,690,496, Cl. 219—19.
- Sorber, A. P., deceased; G. P. Sorber, administrator. 2,697,350, Cl. 73—317.
- Sorber, Gordon P.: *See*—
Sorber, A. P. 2,697,350.
- Soredal, Sven G., and H. E. Reit, to Svenska Ackumulator Aktiebolaget Jungner. 2,685,656, Cl. 310—49.
- Soreng, Edgar M., and R. W. Bachi, to Soreng Products Corp. 2,682,625, Cl. 317—191.
- Soreng, Edgar M., and R. W. Bachi, to Soreng Products Corp. 2,692,964, Cl. 317—191.
- Soreng Products Corp.: *See*—
Bachi, Robert W. 2,692,965.
- Fisher, Hardin Y. 2,692,354.
- Frerer, Paul G. 2,675,436.
- Frerer, Paul G., and Corwin. 2,685,657.
- Soreng, Edgar M., and Bachi. 2,682,625.
- Soreng, Edgar M., and Bachi. 2,692,964.
- Sorensen, Andrew J., to Westinghouse Air Brake Co. 2,692,941, Cl. 246—34.
- Sorensen, Clarence T., Lakewood, Ohio. Building surfacing material. 2,664,835, Jan. 5.
- Sorensen & Co., Inc.: *See*—
Bunblasky, Adolph, and Henrich.
- Henrich, William H. 2,682,635.
- Sorensen, George C., Houston, Tex., assignor to M. H. Detrick Company, Chicago, Ill. Permanent hinged bulkhead. 2,664,838, Jan. 5.
- Sorensen, George E. 2,677,186, Cl. 33—143.
- Sorensen, Harry A.: *See*—
Nauman, Raymond L., Beale, and Sorensen. 2,696,680.
- Sorensen, Knud B.: *See*—
Bozeman, Virgil F., Sr., Sorensen and Clausen. 2,682,739.
- Sorensen, Knud B., and H. F. Clausen, to Deere & Co. 2,688,222, Cl. 55—108.
- Sorensen, Leonard. 2,680,261, Cl. 15—179.
- Sorensen, Otto E. 2,685,735, Cl. 30—230.
- Sorg, Harold E.: *See*—
Eitel, William W., McCullough, Sorg, Murdock, and Williams. 2,688,707.
- Eitel, William W., McCullough, Sorg, and Murdock. 2,693,545.
- Eitel, William W., McCullough, Sorg, Murdock, and Williams. 2,697,796.
- Sorg, Harold E., to Eitel-McCullough, Inc. 2,684,452, Cl. 315—5.
- Sorg, Harold E., P. D. Williams, and D. F. Drieschman, to Eitel-McCullough, Inc. 2,693,546, Cl. 313—337.
- Sorg, Lloyd F., assignor to The Sperry Corporation. 2,678,404, Cl. 315—6.
- Soroka, Walter. 2,684,246, Cl. 273—118.
- Sorrells, Herman P. 2,689,446, Cl. 56—377.
- Sorrentino, Vincent, Providence, R. I., assignor to Uncas Manufacturing Company. Display device for rings and the like for personal wear. 2,670,085, Feb. 23.
- Sorsenson, Benjamin C., to American Seating Co. 2,692,624, Cl. 144—212.
- Soss Manufacturing Company, assignee: *See*—
Weiss, Harold A. 2,674,761.
- Sotzky, Bernard. 2,698,019, Cl. 132—56.
- Soucy, Ernest F., to Dartmouth Skis, Inc. 2,695,800, Cl. 287—58.
- Soule, Charles W. 2,693,276, Cl. 206—34.
- Soule, Edward C., to Mathieson Chemical Corp. 2,693,454, Cl. 252—187.
- Soule, Harold B., Barrington, and G. W. Smithson, Pawtucket, R. I., assignors to Niles-Bement-Pond Company, West Hartford, Conn. Indexing mechanism for turret lathes. 2,669,006, Feb. 16.
- Soule, Leslie. 2,695,619, Cl. 131—235.
- Soule Steel Company, assignee: *See*—
Kullmer, Frank.
- Sound City (Films) Limited, assignee: *See*—
Bell, Percy F.
- Soussloff, Dimitri G., Warwick Neck, Warwick, and H. H. Wormser, Providence, assignors to Universal Winding Company, Cranston, R. I. Spindle mounting. 2,668,087, Feb. 2.
- Souter, John C., to Western Electric Co., Inc. 2,686,246, Cl. 219—4.
- South, Orren J.: *See*—
South, Robert K. 2,683,903.
- South, Robert K., of $\frac{1}{2}$ to O. J. South. 2,683,903, Cl. 20—2.
- Southard, John C.: *See*—
Dunn, Walter H., and Southard. 2,693,414.
- Southard, Margaret C.: *See*—
Dunn, Walter H., and Southard. 2,693,414.
- South Chester Corporation, assignee: *See*—
Flogaus, Howard A.
- Hale, William C., Jr. 2,674,754.
- Southern Cotton Oil Company, The, assignee: *See*—
Royce, Harvey D., and Haskell.
- Southern Dairies, Inc.: *See*—
Luecke, Harry F. 2,696,087.
- Mather, Elmer J. 2,682,755.
- Southern Equipment Company, assignee: *See*—
Muckler, Frank. 2,679,841.
- Southern Farm Implement Corp.: *See*—
Ellis, Riley E. 2,682,141.
- Southern, Frederick J. 2,677,731, Cl. 200—38.
- Southern Lightweight Aggregate Corp.: *See*—
Old, Albert F. 2,696,274.
- Southern Pipe & Casing Co., assignee: *See*—
Boughton, Roger C. 2,679,410.
- Southern, Raymond L., to Allegheny Ludlum Steel Corp. 2,686,825, Cl. 13—14.
- Southern, Raymond L., and L. D. Taylor, assignors to Allegheny Ludlum Steel Corporation. 2,677,710, Cl. 13—14.
- Southern Spring Bed Company, assignee: *See*—
Robertson, Bennie E., and Camp. 2,676,338.
- Southern United Telephone Cables Ltd.: *See*—
Coppard, Anthony H., Hallas, King, and Searles. 2,689,334.
- Southern States Equipment Corp.: *See*—
Curtis, Thomas E. 2,689,944.
- Curtis, Thomas E., and Lichtwardt. 2,680,171.
- Richardson, Olan. 2,678,975.

- Southwestern Engineering Co.: *See*—
Coulter, Clarence D. 2,693,205.
- Southwick, Samuel G., Springfield, Ill. Multiple purpose hemocrit pipette. 2,664,752, Jan. 5.
- Sowa, Frank J., Re. 23,863, Cl. 167—30.
- Sowa, Frank J., Cranford, N. J. Producing monoammino boron trifluoride. 2,667,403, Jan. 26.
- Sowa, Frank J., Cranford, N. J. Heterocyclic mercury amine compounds. 2,668,170, Feb. 2.
- Sowter, Anthony B., Ickenham, assignor to The General Electric Company Limited, London, England. Device for cold pressure welding wires and the like. 2,669,138, Feb. 16.
- Sowter, Anthony B., to The General Electric Co. Ltd. 2,697,954, Cl. 78—94.
- Soyck, Werner, to Compagnie Generale de Telegraphie Sans Fil. 2,689,185, Cl. 106—39.
- Space, Jack. 2,680,338, Cl. 56—13.
- Spacek, William W. 2,681,207, Cl. 255—19.
- Spadaro, Daniel J. *See*—
Carroll, Richard H., and Spadaro. 2,685,553.
- Spaenig, Hermann: *See*—
Hopff, Heinrich, and Spaenig. 2,686,182.
- Spaeth, Charles P., to E. I. du Pont de Nemours & Co. 2,684,384, Cl. 260—583.
- Spafford, Ralph W., to Mechanical Handling Systems, Inc. 2,688,931, Cl. 104—88.
- Spafford, Ralph W., to The Loudon Machinery Co. 2,688,933, Cl. 104—88.
- Spahn, Charles F., Jr.: *See*—
Knapp, Harry M., and Spahn. 2,682,585.
- Spahr, Hans. 2,685,265, Cl. 112—169.
- Spaight, Harold L. 2,680,370, Cl. 72—107.
- Spain, Roy C., to The Yale & Towne Mfg. Co. 2,690,070, Cl. 70—421.
- Spalding, Dudley B., to National Research Development Corp. 2,689,614, Cl. 170—135.4.
- Spalding, William L., Fort Worth, Tex., assignor to American Cyanamid Company, New York, N. Y. Spray drying. 2,670,036, Feb. 23.
- Spanel, Abraham N., Princeton, N. J. Utility device for infants. 2,672,628, Mar. 23.
- Spang & Company, assignee: *See*—
Spang, Ferdinand J.
- Spang, Ferdinand J., assignor to Spang & Company, Butler, Pa. Well fishing socket or tool. 2,665,164, Jan. 5.
- Spang, Joseph J.: *See*—
Repper, Theodore A., and Spang.
- Spang, William F., to Needham Mfg. Co. Inc. 2,694,222, Cl. 17—32.
- Spangard, Laurence C., deceased, Hollywood, Calif., by L. Banister, executor, assignor to Nu-Lift Bra, Inc., Hollywood, Calif. Maternity and nursing brassiere. 2,666,919, Jan. 26.
- Spangler, Inc., assignee: *See*—
Hoffman, Cedric E., Jr. 2,677,133.
- Spangler, Myrtle J., and R. L. Wayland, Jr., to Dan River Mills, Inc. 2,690,404, Cl. 117—56.
- Spaniol, Philip F. 2,692,387, Cl. 2—144.
- Spannhake, Ernst W., Chicago Heights, assignor to Barnes & Reinecke, Inc., Chicago, Ill. Internal-combustion engine, piston for use therein, and operating same. 2,670,726, Mar. 2.
- Spargo, John, assignee: *See*—
Mader, Emil A.
- Sparham, George A.: *See*—
Allan, George W. C., Dale, Sparham, and Brown. 2,696,019.
- Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Centrifugally released clutch. 2,668,611, Feb. 9.
- Sparklin, Charles H., to Birtman Electric Co. 2,684,881, Cl. 308—233.
- Sparklin, Charles H., to Birtman Electric Co. 2,695,936, Cl. 200—80.
- Sparks, Cedric H., to The Babcock & Wilcox Co. 2,686,499, Cl. 122—4.
- Sparks, George C. 2,687,211, Cl. 206—42.
- Sparks, Joseph W.: *See*—
Knobloch, James O., and Sparks.
- Sparks, Joseph W., Hammond, and J. O. Knobloch, Hobart, Ind., assignors to Standard Oil Company, Chicago, Ill. Reaction of ozonides with Grignard reagents. 2,671,812, Mar. 9.
- Sparks, Morgan: *See*—
Bond, Walter L., Sparks, and Teal. 2,694,024.
- Sparks, Morgan, to Bell Telephone Laboratories, Inc. 2,695,852, Cl. 117—106.
- Sparks, Paul C. 2,677,896, Cl. 34—2.
- Sparks, William J.: *See*—
Young, David W., and Sparks. 2,691,646.
- Sparks, William J., and D. W. Young, assignors to Standard Oil Development Company. 2,676,950, Cl. 260—80.7.
- Sparks-Withington Company, assignee: *See*—
Best, Cleafe A., and Johnson.
- Sparling, Irene B.: *See*—
Sparling, Sylvester. 2,692,572.
- Sparling, Sylvester, deceased (I. B. Sparling, executrix), to I. B. Sparling. 2,692,572, Cl. 115—37.
- Sparring, Birger. 2,681,786, Cl. 248—243.
- Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company. 2,679,365, Cl. 244—77.
- Sparrow, Margaret K.: *See*—
Sparrow, Robert C., and Boyd. 2,689,069.
- Sparrow, Raymond K., to Goerlich's. 2,690,812, Cl. 181—44.
- Sparrow, Robert C., deceased (M. K. Sparrow, administratrix), and W. H. Boyd. 2,689,069, Cl. 222—409.
- Spase, Charles B., and D. L. Moore, assignors to Lipe-Rollway Corporation. 2,678,031, Cl. 123—41.11.
- Spatz, Walter B., to Frawley Corp. 2,693,788, Cl. 120—108.
- Spaulding, Carl P.: *See*—
Clapp, James K., Spaulding, and Watt.
- Spaulding, Carl P., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Capacitor pressure gauge. 2,667,786, Feb. 2.
- Spaulding, Carl P., to the United States of America as represented by the Secretary of the Navy. 2,697,168, Cl. 250—27.
- Spaulding Fibre Company, Inc., assignee: *See*—
Morgan, Rodney A. 2,679,988.
- Spaulding, Harold K., Hohokus, N. J., assignor to Curtiss-Wright Corporation. Electric impulse generator. 2,669,669, Feb. 16.
- Spaulding, Harry L., W. E. Gladstone, Jr., and M. Markovich, Washington, D. C. Tag attachment device. 2,669,795, Feb. 23.
- Spaulding, Spencer W., and A. H. Benner, assignors to Radio Corporation of America. 2,677,128, Cl. 343—17.1.
- Spaulding, Wallace P., to the United States of America as represented by the Secretary of War. 2,697,325, Cl. 60—35.6.
- Spaven, William J.: *See*—
Norton, Mahlon H., and Spaven. 2,697,824.
- Spayd, Fred M., assignor to Spayd Metal Products Corporation. 2,675,142, Cl. 220—39.
- Spayd Metal Products Corporation, assignee: *See*—
Spayd, Fred M. 2,675,142.
- Speake, Elmer J., Los Angeles, Calif. Stropper and honer. 2,664,677, Jan. 5.
- Speakman Co.: *See*—
Fraser, James. 2,682,276.
- Speakman, Edgar B. 2,677,917, Cl. 47—1.1.
- Speakman, John B., and A. Crummett, to Celanese Corp. of America. 2,692,420, Cl. 28—72.3.
- Spear, Detmar D., assignor to The Kenmar Manufacturing Company, East Palestine, Ohio. Adjustable chair with leg supporting platform. 2,664,942, Jan. 5.
- Spear, Donald R., to Eastman Kodak Co. 2,685,508, Cl. 92—21.
- Spear, Norman H., Hamden, Conn., assignor to John B. Pierce Foundation, New York, N. Y. High-temperature viscometer. 2,672,047, Mar. 16.
- Spear, Walter A., to Nu Tone, Inc. 2,697,163, Cl. 219—39.
- Speare, Albert R., Weston, Mass. Knife sharpener. 2,673,426, Mar. 30.
- Speare, Albert R., Weston, Mass. Knife-edge aligner. 2,673,427, Mar. 30.
- Spearman, Joseph E. 2,687,791, Cl. 193—34.
- Spears, Morton F., assignor to Dictaphone Corporation. 2,678,972, Cl. 179—100.2.
- Specht, Albert J. 2,675,257, Cl. 287—119.
- Specht, Harry G. 2,683,472, Cl. 140—3.
- Special Equipment Co.: *See*—
Ewald, Raymond L., and Skog. 2,685,899.
- Skog, Henry A.
- Specialized Instruments, Corp.: *See*—
Pickels, Edward G.
- Scofield, Philip F. 2,681,166.
- Specialties Development Corp.: *See*—
Fleming, William T. 2,681,590.
- Grant, Harry C., Jr.
- Hebenstreit, Lester V. 2,678,366.
- Heizer, Edward J.
- Mapes, Daniel. 2,681,707.
- Schmidlin, Albertus E. 2,690,292.
- Troy, Raymond A. 2,697,447.
- Uhl, Arthur W. 2,682,613.
- Uhl, Arthur W. 2,692,528.
- Zeek, Elwood R., and Daley. 2,685,979.
- Specialties, Inc.: *See*—
Bruck, George G. 2,683,402.
- Specialty Engineering Co.: *See*—
Strom, Ernest, and Olson. 2,687,587.
- Speck, Kurt, and H. M. Gaun, to Jacques Kreisler Mfg. Corp. 2,696,689, Cl. 40—140.
- Speck, Lawrence J.: *See*—
Chick, Arthur J., and Speck. 2,678,486.
- Speck, Steve, 1/2 to S. J. Grudzinski. 2,694,277, Cl. 51—184.3.
- Specken Aktiengesellschaft: *See*—
Doebbel, Erhard. 2,683,386.
- Speckman, Clifford H.: *See*—
Speckman, Gilbert H. and C. H.
- Speckman, Gilbert H. and C. H., Aurora, Ind. Self-balancing service light. 2,673,701, Mar. 30.
- Spector, Charles J., Los Angeles, Calif. Combination strainer and stopper. 2,668,962, Feb. 16.
- Spector, Samuel, assignor to Bonafide Mills, Inc. 2,678,129, Cl. 206—59.
- Spector, Victor B. 2,686,942, Cl. 20—16.
- Speed Corporation, assignee: *See*—
Kindley, Howard W. 2,676,811.
- Speed Products Co., Inc.: *See*—
Ruskin, Henry, and Zacharkiw. 2,682,053.

- Speed, Raymond A. : *See*—
Powers, John M., and Speed. 2,688,045.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Re. 23,875, Cl. 154—42.3.
- Speed-Flex, Inc., assignee : *See*—
Castner, George P. 2,677,260.
- Speedograph, Inc., assignee : *See*—
Bickel, Arthur J.
- Speed Queen Corporation, assignee : *See*—
Thiele, Berthold R.
- Speedway Mfg. Co. : *See*—
Scafe, Steven E. 2,683,336—7.
- Speegle, Xum : *See*—
Raballo, John L., and Getty. 2,685,622.
- Speer Carbon Company, assignee : *See*—
Payne, William M. 2,675,581.
- Speer, George A. : *See*—
Pokorny, Oldrich S., and Speer. 2,688,587.
- Speer, James E., to Westinghouse Air Brake Co. 2,698,378, Cl. 246—253.
- Speeter, Merrill E., to The Upjohn Co. 2,692,882, Cl. 260—319.
- Speeter, Merrill E., to The Upjohn Co. 2,698,345, Cl. 260—613.
- Speh, Herman A. : *See*—
Wockenfuss, William, and Speh. 2,683,410.
- Speicher, Matz A., and C. I. Eshleman, to Hest Machines, Inc. 2,693,741, Cl. 93—8.
- Speidel Corp. : *See*—
Augenstein, Karl C. 2,686,622.
- Rieth, Kurt A.
- Speier, John L., assignor to Dow Corning Corporation. 2,676,163, Cl. 260—46.5.
- Speiser, Ralph W., assignor to Worthington Mower Company, Stroudsburg, Pa. Elevating means for lawn mowers. 2,672,000, Mar. 16.
- Speller, Thomas H. : *See*—
Creighton, Russell, and Speller. 2,681,556.
- Spelman, John G., Jr. : *See*—
Bachman, Fred E., and Spelman. 2,695,686.
- Spence Engineering Co., Inc. : *See*—
Spence, Paulsen. 2,696,994.
- Spence, Frank M. : *See*—
Jain, Alva R., and Spence. 2,677,852.
- Spence, Harry R., A. N. Johnson, and S. G. Osborne, assignors to Hooker Electrochemical Company. 2,676,900, Cl. 134—3.
- Spence, Hubert L. : *See*—
Willison, Donald, and Spence. 2,686,667.
- Spence, Hubert L., and D. Willison, to National Malleable and Steel Castings Co. 2,692,769, Cl. 267—9.
- Spence, Paulsen, to Spence Engineering Co., Inc. 2,696,994, Cl. 285—77.
- Spence, Richard L. : *See*—
Staff, Aaron S., and Spence. 2,682,163.
- Spence, Thomas C. : *See*—
Stanton, George W., and Spence.
- Spencer, Antonia R., administratrix : *See*—
Phelps, James C., Mandato, and Spencer.
- Spencer Arthur M., Santa Fe, N. Mex., A. Jacobson, Cleveland, and K. Sixt, East Cleveland, Ohio; said Sixt assignor to said Spencer and said Jacobson. Fiber liberation in cotton stalks and the pulp. 2,668,110, Feb. 2.
- Spencer, Barnard, Jr. : *See*—
Brinson, Leon G., and Spencer. 2,691,522.
- Spencer, Benjamin F., to The Sperry Corp. 2,692,947, Cl. 250—36.
- Spencer, Burdell D., Oxon Hill, Md. Making lasts. 2,666,464, Jan. 19.
- Spencer, Charles L. : *See*—
Fisk, Bert, and Spencer. 2,675,523.
- Fisk, Bert, and Spencer. 2,685,643.
- True, Virgil, Fisk, and Spencer. 2,698,405.
- Spencer Chemical Company, assignee : *See*—
Deutschman, Archie J., Jr., and Bull. 2,677,698.
- Spencer, Clarence S., Virginiatown, Ontario, Canada. Perpetual calendar. 2,668,382, Feb. 9.
- Spencer, Dennis L. : *See*—
Glenny, Arthur P., and Spencer. 2,687,706.
- Spencer, George A., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Foaming apparatus. Re. 23,772, Jan. 12.
- Spencer, Harold S., Homer, N. Y. Knockdown sampling dipper for ladling dairy products. 2,668,448, Feb. 9.
- Spencer, Helen J., $\frac{1}{2}$ to L. Spencer and $\frac{1}{2}$ to I. Kaplan. 2,693,809, Cl. 132—43.
- Spencer, Herman J. 2,675,547, Cl. 1—49.
- Spencer, Herman J. 2,686,306, Cl. 1—49.
- Spencer, James A. : *See*—
Phelps, James C., Mandato, and Spencer.
- Spencer, James A., to British Insulated Callender's Cables Ltd. 2,686,359, Cl. 29—517.
- Spencer, Lloyd : *See*—
Spencer, Helen J. 2,693,809.
- Spencer, Louis R. 2,691,501, Cl. 248—168.
- Spencer, Millard C., assignor, by mesne assignments, to Elliott Company. 2,676,292, Cl. 318—229.
- Spencer, Percy L., assignor to Raytheon Manufacturing Company. 2,679,595, Cl. 250—36.
- Spencer, Rolf E., to Electric & Musical Industries Ltd. 2,681,181, Cl. 235—61.
- Spencer, Roy C. : *See*—
Riblet, Henry J., and Spencer. 2,689,305.
- Spencer, Virgil, assignor to Armstrong Cork Company. 2,678,464, Cl. 18—2.
- Spendelow, Howard R., Jr., and R. M. Fowler, assignors to Union Carbide and Carbon Corporation. 2,679,466, Cl. 148—13.1.
- Spender, Donald L., Wolcott, assignor to Scovill Manufacturing Company, Waterbury, Conn. Multiple snap fastener socket construction. 2,671,565, Mar. 9.
- Spender, Donald L., and H. J. Kachergis, assignors to Scovill Manufacturing Company. 2,679,409, Cl. 285—84.
- Spender, Donald L., and E. H. Bassett, to Scovill Mfg. Co. 2,693,390, Cl. 299—18.
- Spengler, Harold H., to General Electric Co. 2,694,272, Cl. 49—54.
- Spengler, Walter J., to Bendix Aviation Corp. 2,680,969, Cl. 74—54.
- Spenner, Fred H., assignor to Scullin Steel Co., St. Louis, Mo. Railway truck bolster assembly. 2,669,943, Feb. 23.
- Spenner, Fred H., assignor to Scullin Steel Co., St. Louis, Mo. Railway car truck construction. 2,669,944, Feb. 23.
- Sperati, Carleton A., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparing bis-(amino aryl) methane polyamides. 2,669,556, Feb. 16.
- Sperber, Nathan, D. Papa, and E. Schwenk, assignors to Schering Corporation. 2,676,964, Cl. 260—256.4.
- Sperlich, Herman A. : *See*—
Happe, Arthur H., and Sperlich. 2,689,469.
- Sperlich, Herman A., to Ironrite, Inc. 2,688,199, Cl. 38—59.
- Spero, George B. : *See*—
Levin, Robert H., McIntosh, and Spero. 2,681,919.
- Levin, Robert H., McIntosh, and Spero. 2,697,705.
- Levin, Robert H., Spero, and McIntosh. 2,697,704.
- Levin, Robert H., Spero, and McIntosh. 2,697,706.
- Levin, Robert H., Spero, and McIntosh, Jr. 2,686,780.
- Lincoln, Frank H., Jr., and Spero.
- Spero, George B., and R. H. Levin, assignors to The Upjohn Company, Kalamazoo, Mich. Steroid epoxides. 2,673,847, Mar. 30.
- Spero, George B., and R. H. Levin, Kalamazoo Township, Kalamazoo County, assignors to The Upjohn Company, Kalamazoo, Mich. Steroid 4-oxygenated triketones. 2,673,864, Mar. 30.
- Spero, George B., and R. H. Levin, Kalamazoo Township, Kalamazoo County, assignors to The Upjohn Company, Kalamazoo, Mich. Steroid enol esters. 2,673,865, Mar. 30.
- Spero, George B., and R. H. Levin, Kalamazoo Township, Kalamazoo County, assignors to The Upjohn Company, Kalamazoo, Mich. 2,17 alpha-dioxy-3,11,20-triketeto-allopregnanes and process. 2,673,867, Mar. 30.
- Sperry Corp., The : *See*—
Barkalow, Clare E., and Kellogg. 2,685,207.
- Best, Albert M. 2,679,921.
- Beverly, Nelson E.
- Blizard, Robert B. 2,695,199.
- Brannin, Richard S., Jr., and Halpert.
- Brugger, Richard G. 2,695,198.
- Carter, Leslie F. 2,682,115.
- Carter, Leslie F. 2,692,441.
- Chenery, Peter J.
- Chenery, Peter J., and Newton. 2,678,177.
- Cohen, Sidney B. 2,677,054.
- Cohn, Seymour B. 2,692,984.
- Curry, Robert S., Jr. Re. 23,865.
- Dannhardt, Harry C. 2,690,192.
- Dawson, Edward.
- Eberly, Harry C., and Gudikunst. 2,686,684.
- Essen, Eric E. 2,685,271.
- Fetherolf, James M. 2,692,985.
- Gudikunst, James B. 2,696,313.
- Halpert, Percy. 2,686,021.
- Hansen, William W.
- Hansen, William W., and Snow. 2,685,125.
- Harcum, William M.
- Hartman, William C. 2,679,033.
- Hauser, Arthur A., Nagy, White, and Harris. 2,696,947.
- Hoxie, Isaac R., Jr. 2,680,788.
- Kadushin, David T., and Kaplan. 2,688,723.
- Koppel, Ruth G. 2,692,977.
- Learned, Vincent R.
- Litchford, George B. 2,677,766.
- Litchford, George B. 2,695,405.
- Litchford, George B., and Lyman. 2,689,953.
- Morrow, Charles T., Barnaby, and Nevala. 2,683,596.
- Newell, William H. 2,688,724.
- Newell, William H. 2,693,709.
- Norton, Ralph S.
- Palmer, Winslow. 2,683,873.
- Pluess, Paul E. 2,692,534.
- Rich, Charles E., and Wang. 2,687,490.
- Rothschild, Robert F.
- Salisbury, Frederick L.
- Sensiper, Samuel. 2,680,837.
- Sensiper, Samuel. 2,682,641.
- Sensiper, Samuel. 2,684,469.
- Sorg, Lloyd F. 2,678,404.
- Spencer, Benjamin F. 2,692,947.

- Sperry Corp., The: *See*—Continued.
 Unsted, Carleton G. 2,687,043.
 Veronda, Carol M. 2,680,209.
 Whitaker, Omar B. 2,697,827.
 Whitaker, Omar B., and West. 2,688,130.
 Williams, Roger B., Jr. 2,697,219.
 Sperry, Elmer H., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Sulfuration of mineral oil. 2,669,560, Feb. 16.
- Sperry Gyroscope Co., Ltd., The: *See*—
 Glenny, Arthur P. 2,697,218.
 Glenny, Arthur P., and Spencer. 2,687,706.
 Glenny, Arthur P., and Waloff.
 Mason, Ronald W. 2,675,282.
- Sperry, Nancy C. 2,681,841, Cl. 311—90.
- Sperry Products, Inc.: *See*—
 Cowan, John V. 2,678,538.
 Drake, Harcourt C. 2,678,559.
 Henry, Elliott A. 2,679,588.
 Henry, Elliott A. 2,680,372.
 Henry, Elliott A. 2,682,767.
 Henry, Elliott A. 2,693,106.
 Strachl, Robert N., and Mesh. 2,693,105.
 Van Valkenburg, Howard E. 2,682,766.
- Sperry-Sun Well Surveying Co.: *See*—
 Butterworth, Gilbert J. 2,692,754.
 Nichols, Charles R.
- Sperti Faraday, Inc.: *See*—
 Slocum, Charles W., and Stern. 2,682,654.
- Sperti, Vincent R. 2,696,648, Cl. 24—71.1.
- Sperzel Company, assignee: *See*—
 Sperzel, Peter J.
- Sperzel, Peter J., assignor to Sperzel Company, Minneapolis, Minn. Hinge construction for toilet seats. 2,672,623, Mar. 23.
- Speth, Lloyd G., assignor to The Cleveland Pneumatic Tool Company. 2,675,712, Cl. 74—459.
- Spevack, Jerome S., to the United States of America as represented by the United States Atomic Energy Commission. 2,685,501, Cl. 23—209.
- Speziale, Angelo J., and F. C. Meyer, to Monsanto Chemical Co. 2,689,256, Cl. 260—456.
- Speziale, Angelo J., and D. B. Guthrie, to Monsanto Chemical Co. 2,694,089, Cl. 260—570.6.
- Spialter, Leonard: *See*—
 Rust, John B., and Spialter. 2,689,166.
- Spicacci, Attilio R.: *See*—
 Pusey, Wesley B., and Spicacci.
- Spicer, Alvin W., to The B. F. Goodrich Co. 2,684,315, Cl. 154—52.2.
- Spiegel, Jacob: *See*—
 Spiegel, William and J.
- Spiegel, Nell, assignee: *See*—
 Friedman, Max.
- Spiegel, William and J., Philadelphia, Pa. Combined stretching and stapling device. 2,666,916, Jan. 26.
- Spiegelhalter, William G., Erie, Pa., assignor to General Electric Company. Refrigerated cabinet having movable condenser. 2,669,853, Feb. 23.
- Spiegelhalter, William G., assignor to General Electric Company. 2,677,247, Cl. 62—99.
- Spiekerman, Henry D.: *See*—
 Lincoln, Clovis W., Zeigler, and Spiekerman. 2,691,704.
 Lincoln, Clovis W., Ziegler, and Spiekerman. 2,696,126.
- Spielberg, Arnold, assignor to Radio Corporation of America. 2,674,727, Cl. 340—149.
- Spielberg, Arnold M.: *See*—
 Naylor, Arthur F., and Spielberg.
- Spielberg, Arnold M., Camden, and R. E. King, Haddonfield, N. J., assignors to Radio Corporation of America. Two-phase motor with an additional speed voltage winding. 2,671,876, Mar. 9.
- Spielman, Marvin A., to Abbott Laboratories. 2,681,928, Cl. 260—553.
- Spielman, Marvin A., and W. J. Close, to Abbott Laboratories. 2,689,866, Cl. 260—482.
- Spier, Hans G., and R. Lasley, Hamilton, Ohio., assignors, by mesne assignments, to Baldwin-Lima-Hamilton Corporation. Mechanism for regulating fuel injection in free piston engines. 2,671,435, Mar. 9.
- Spiers, Henry M.: *See*—
 Bott, Hugh R., and Spiers. 2,687,999.
 Kressman, Theodore R. E., and Spiers. 2,688,000.
- Spiers, Rupert H., and G. H. Stockstill. 2,693,176, Cl. 126—24.
- Spieser, Louis, assignor to Nibbit Products Association Ltd., Zurich, Switzerland. Manufacture of foodstuffs. 2,665,208, Jan. 5.
- Spies, Georg, Leipzig, Germany. Pneumatic sheet feeding mechanism. 2,668,707, Feb. 9.
- Spies, Newton E., Jr.: *See*—
 Horton, Ralph, Spiess, and Weaver.
- Spiess, Newton E., Jr., to National Dairy Research Laboratories, Inc. 2,682,987, Cl. 229—14.
- Spiess, Newton E., Jr., Oakdale, and L. C. Widdoes, Bohemia, assignors to National Dairy Research Laboratories, Inc., Oakdale, N. Y. Closure for containers. 2,670,871, Mar. 2.
- Spiess, Newton E., Jr., and L. C. Widdoes, to National Dairy Research Laboratories, Inc. 2,682,977, Cl. 222—394.
- Spieth, Benjamin, assignor to Modine Manufacturing Company, Racine, Wis. Multiple flanged fin for heat exchangers and producing individual fins. 2,669,959, Feb. 23.
- Spleth, Benjamin, assignor to Modine Manufacturing Company, Racine, Wis. Steam radiator. 2,673,720, Mar. 30.
- Spleth, Benjamin, assignor to Modine Manufacturing Company. 2,680,632, Cl. 285—210.
- Spikes, Marion, assignee: *See*—
 Spikes, Robert L. 2,675,136.
- Spikes, Robert L., assignor of $\frac{1}{2}$ to M. Spikes. 2,675,136, Cl. 214—83.1.
- Spikings, Albert R. 2,679,779, Cl. 81—84.
- Spiller, William R., to Harris-Seybold Co. 2,694,941, Cl. 74—393.
- Spillman, Robert: *See*—
 Molow, Henry. 2,683,022.
- Spilman, Dewey R. 2,678,672, Cl. 150—11.
- Spinali, Salvatore C. 2,697,886, Cl. 36—4.
- Spindler, Norman J., and C. O. Peterson, assignors to Watson Manufacturing Company, Inc., Jamestown, N. Y. Exposed filing and record keeping equipment. 2,665,741, Jan. 12.
- Spinner, Ernst: *See*—
 Lantz, Louis A., Schofield, and Spinner.
- Spirella Company, Incorporated, The, assignee: *See*—
 Ongley, George E.
- Spires, Krell E., Jr., to General Motors Corp. 2,683,199, Cl. 200—113.
- Spiro, Spero J., to Stewart-Warner Corp. 2,692,343, Cl. 307—106.
- Spiselman, Louis: *See*—
 Rosenberg, George, and Spiselman. 2,695,470.
- Spitalny, Milton M., Maplewood, N. J. Pyrophoric lighter. 2,665,572, Jan. 12.
- Spitalny, Milton M., Maplewood, N. J. Lighter using gaseous fuel. 2,665,573, Jan. 12.
- Spitz, Isidor, assignor to American-National Bag & Burlap Co., Inc., Brooklyn, N. Y. Composite packaging or wrapping material and manufacture thereof. 2,669,258, Feb. 16.
- Spitz, Karl, Cleveland, Ohio. Effecting nonfusion welds with a steel weldrod. 2,664,622, Jan. 5.
- Spitzer, Ina J. B. 2,694,270, Cl. 40—130.
- Spivack, John D., to Tide Water Associated Oil Co. 2,687,376, Cl. 252—51.5.
- Spivey Co., Inc.: *See*—
 Boal, David J. 2,681,017.
- Splaine, Edward M., assignor to American Optical Company. 2,674,910, Cl. 81—3.6.
- Spluvak, Kalman. 2,690,842, Cl. 210—1.5.
- Spluvak, Kalman A., Cleveland, Ohio. Extension ladder bracket. 2,670,119, Feb. 23.
- Spo, Inc., assignee: *See*—
 Young, Lester C.
 Young, Lester C. 2,686,345.
 Young, Lester C. 2,695,432.
- Spodig, Heinrich. 2,678,728, Cl. 210—1.5.
- Spodig, Heinrich. 2,678,729, Cl. 210—1.5.
- Spoehr, Carl W., to The Curtiss Candy Co. 2,695,569, Cl. 107—8.
- Spokes, Ray E., to American Brake Shoe Co. 2,685,551, Cl. 154—140.
- Sponge Products Corporation, assignee: *See*—
 Greenleaf, Nathaniel B., and Webster.
- Sponge Rubber Products Co., The: *See*—
 Montefalco, Jack M. 2,685,855.
 Talalay, Leon.
 Talalay, Anselm, and Jones. 2,687,979.
- Sponsler, John B., to International Business Machines Corp. 2,690,523, Cl. 315—35.
- Spooner, Daniel. 2,695,463, Cl. 35—39.
- Spooner, Roy C., assignor to Aluminum Laboratories Limited. 2,678,875, Cl. 41—42.
- Spooner, William W., Ilkley, England. Heat interchange. 2,673,073, Mar. 23.
- Spooner, William W. 2,677,336, Cl. 107—55.
- Spooner, William W. 2,677,497, Cl. 230—121.
- Sporlan Valve Co., Inc., assignee: *See*—
 Lange, Harold T.
 Lange, Harold T., and Grote. 2,694,904.
- Sportell, Frank A., to Colour Separation Techniques, Inc. 2,692,825, Cl. 95—5.1.
- Spotswood, Lawrence E., assignee: *See*—
 Stolk, William G.
- Spott, Walter S.: *See*—
 Anderson, Leonard F., and Spott.
- Spracklen, John G., to Zenith Radio Corp. 2,684,403, Cl. 178—7.5.
- Spradling, Arch B., to The Upjohn Co. 2,693,436, Cl. 167—82.
- Spradling, Arch B., to The Upjohn Co. 2,693,437, Cl. 167—82.
- Spradling, Joseph W., and P. L. Engler, Madison, Wis., assignors to Air Reduction Company, Incorporated, New York, N. Y. Switch mechanism for pressure-type electrically heated sterilizer. 2,668,224, Feb. 2.
- Sprague, Basil S.: *See*—
 Nistico, Frank, and Sprague. 2,694,311.
- Sprague Devices, Inc., assignee: *See*—
 Sprague, Frank, and Nichols. 2,674,233.
 Sprague, Frank, and Nichols. 2,678,029.

- Sprague Electric Co.: *See*—
 Atkinson, John F., Kelley, and McCutchen. 2,695,991.
 Atkinson, John F., and Lubin. 2,685,684.
 Burnham, John. 2,684,317.
 Burnham, John. 2,692,210.
 Dorst, Stanley O. 2,688,182.
 Kodama, George T. 2,693,557.
 Kodama, George T. 2,694,185.
 Lebovec, Kurt. 2,696,513.
 Markarian, Moushy. 2,680,770.
 Markarian, Moushy, Ross, and Nazzewski. 2,695,900.
 Nazzewski, Mathew. 2,695,970.
 Podolsky, Leon. 2,682,642.
 Robinson, Preston.
 Robinson, Preston, and St. Denis. 2,682,626.
 Ross, Sidney D. 2,692,290.
 Whitby, Harvie W. 2,697,579.
- Sprague, Frank, and E. F. Nichols, assignors to Sprague Devices, Inc. 2,674,233, Cl. 121—164.
 Sprague, Frank, and E. F. Nichols, assignors to Sprague Devices, Inc. 2,678,029, Cl. 121—164.
 Sprague, James M., to Merck & Co., Inc. 2,686,808, Cl. 260—567.6.
 Sprague, James M., Drexel Hill, and E. L. Engelhardt, Collingdale, Pa., assignors to Merck & Co., Inc. Sulfonic ester analogues of nitrogen mustards. 2,671,105, Mar. 2.
 Sprague, James M., Drexel Hill, and E. J. Cragoe, Jr., Ridley Park, Pa., assignors to Merck & Co., Inc. α,α , disubstituted succinic acids and anhydrides. 2,671,801, Mar. 9.
 Sprague, James M., and E. M. Schultz, assignors to Merck & Co., Inc. 2,680,765, Cl. 260—490.
 Sprague, John L. 2,689,340, Cl. 340—213.
 Sprague, Louis E., assignee: *See*—
 Blythe, Allen W.
 Sprague Meter Co.: *See*—
 Whitworth, Fairchild, and Stewart. 2,693,701.
 Sprague, Robert B., and J. P. Anderson, assignors to North American Aviation, Inc. 2,680,350, Cl. 60—54.6.
 Sprague, Robert H.: *See*—
 Allen, Charles F. H., Byers, and Sprague.
 Sprauer, Jerome W.: *See*—
 Harris, Charles R., and Sprauer.
 Sprauer, Jerome W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Production of hydrogen peroxide. 2,673,140, Mar. 23.
 Sprauer, Jerome W., to E. I. du Pont de Nemours and Co. 2,692,240, Cl. 252—412.
 Spray-Blast Corporation of America, assignee: *See*—
 Fisher, John L. 2,677,381.
 Sprayers & Nozzles, Inc.: *See*—
 Wise, Cecil D., and Skipwith. 2,683,060.
 Spraying Systems Co.: *See*—
 Wahlin, Fred W.
 Wahlin, Fred W. 2,681,829.
 Wahlin, Fred W. 2,683,626-7.
 Spraylat Corporation, assignee: *See*—
 Oppenheim, Richard D. 2,680,724.
 Spreckels Sugar Company, assignee: *See*—
 Alston, Paul W.
 Moore, Somers. 2,679,464.
 Spread-All, Inc., assignee: *See*—
 Seltzer, Robert E. 2,680,539.
 Spreitzer, Henry W.: *See*—
 Schoepe, Harry, and Spreitzer.
 Spreng, Warren M., to The F. E. Myers & Bro. Co. 2,685,476, Cl. 299—41.
 Sprenger, Edwin. 2,685,332, Cl. 158—1.
 Sprenger, Wilbur V., and J. C. Roche, assignors to Chicago Carton Company. 2,676,748, Cl. 229—32.
 Sprenger, William H.: *See*—
 Buchholz, Arnold R., and Sprenger. 2,675,008.
 Sprigg, Edward A., to D. E. Crooker, and L. Felker. 2,683,317, Cl. 36—32.
 Spring Unit Development Co.: *See*—
 Levine, David I. 2,681,085.
 Springborn, Heinz. 2,681,039, Cl. 119—86.
 Springer, Albert L. 2,675,874, Cl. 166—1.
 Springer, Earl W. 2,683,987, Cl. 73—339.
 Springer, Edgar D., to General Motors Corp. 2,691,919, Cl. 88—77.
 Springer, Henry M., and H. G. Treiss, to American Safety Razor Corp. 2,685,970, Cl. 211—49.
 Springer, Robert A.: *See*—
 Brumbaugh, Chester C., and Springer. 2,693,403.
 Springfield Burner Corp.: *See*—
 Edwards, Minot R. 2,692,643.
 Springfield Machine Tool Co., The: *See*—
 Montanus, Richard C. 2,688,825.
 Springfield Woolen Mills Co.: *See*—
 Nelson, Allan J. 2,686,538.
 Springs Cotton Mills, Inc., The, assignee: *See*—
 Lasley, James B. 2,678,483.
 Still, Conway L. 2,675,601.
 Sprinkle, Clyde I. 2,674,065, Cl. 46—92.
 Spross, Hubert M., assignor to De Laval Separator Company, Poughkeepsie, N. Y. Centrifugal separator for cold milk products and the like. 2,668,008, Feb. 2.
 Sproul, John C., assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Mining machine with superposed wedge-like cutter. 2,666,628, Jan. 19.
 Sproul, John C., Glasgow, Scotland, assignor to Mavor & Coulson, Limited. Adjustable cutter for strip mining machines. 2,666,629, Jan. 19.
 Sproul, John C., assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Mining machine. 2,666,630, Jan. 19.
 Sproul, John C., to Mavor & Coulson, Ltd. 2,695,774, Cl. 262—8.
 Sproul, Merrill F.: *See*—
 Andrew, Neil, and Sproul. 2,695,183.
 Sproule, Lorne W.: *See*—
 King, Laurence F., and Sproule. 2,695,272.
 Sproule, William K.: *See*—
 Gordon, James R., Norman, Queneau, Sproule, and Young.
 Sprow, John H. 2,679,390, Cl. 266—41.
 Sprow, John M., North Miami, Fla. Jalousie window louver. 2,666,965, Jan. 26.
 Spruance, Frank P., Jr., and N. J. Newhard, Jr., assignors to American Chemical Paint Company. 2,678,291, Cl. 148—6.16.
 Sprumont, Constant M.: *See*—
 Campbell, John A., and Sprumont. 2,676,640.
 Sprung, Joseph A., to General Aniline & Film Corp. 2,687,957, Cl. 95—2.
 Sprünken, Heinrich: *See*—
 Büchner, Karl, and Sprünken. 2,678,304.
 Spugios, Aristos G., and W. P. Marshall. 2,691,440, Cl. 206—62.
 Spurgat, Edward: *See*—
 Wilder, Edward A., and Spurgat. 2,682,516.
 Spurgeon, Samuel J. 2,681,717, Cl. 192—2.
 Spurgeon, Samuel J. 2,697,016, Cl. 308—236.
 Spurlin, Harold M., to Hercules Powder Co. 2,698,254, Cl. 106—197.
 Spurlin, William V., to Syntrol Co. 2,696,292, Cl. 198—220.
 Spurlino, Pascal, A. G. Kibler, and E. H. Wolf, to The National Cash Register Co. 2,688,128, Cl. 340—286.
 Spurlock, James J., Denton, Tex. Mercaptohydantoins. 2,666,063, Jan. 12.
 Spurr, Edward, Orange Grove, Johannesburg, Transvaal, Union of South Africa. Electric heating appliance. 2,668,220, Feb. 2.
 Spurr, Robert: *See*—
 Barnes, Alfred A., and Spurr.
 Wilcox, Isaac L., Barnes, Patch, and Spurr. 2,692,463.
 Spurr, Robert, to The Ex-Cell-O Corp. 2,692,717, Cl. 226—108.
 Spurzem, John W., Helena, Mont. Detachable tool handle. 2,671,962, Mar. 16.
 Spychalla, Alex. 2,674,130, Cl. 74—16.
 Spyut, Albert B., to Raytheon Mfg. Co. 2,694,273, Cl. 49—78.
 Square D Co.: *See*—
 Anger, Ernest G. 2,686,872.
 Anger, Ernest G., and Mierendorf.
 Jackson, John G.
 Jackson, John G., and Kingdon. 2,697,151.
 Mekelburg, Earl F. 2,698,361.
 Pettit, Dorn L. 2,698,412.
 Woods, William H. 2,684,416.
 Squassoni, Gino F.: *See*—
 Rossetto, Louis, and Squassoni.
 Squires, Merrill D. 2,676,842, Cl. 299—67.
 Squire, Alexander C. A., to Atwood Vacuum Machine Co. 2,688,764, Cl. 16—180.
 Squire, Harris A.: *See*—
 Chadwick, Lee S., Resek, and Squire. 2,693,792.
 Squire, Miles B., Jr., Bronx, assignor to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Means for handling and transporting pulverulent, granular, and like material. 2,673,125, Mar. 23.
 Squires, Albert H. and E. A. 2,696,926, Cl. 214—147.
 Squires, Eugene A.: *See*—
 Squires, Albert H. and E. A. 2,696,926.
 Squires, Rathbun B., to Westinghouse Electric Corp. 2,686,289, Cl. 323—45.
 Squires, Rathbun B., to Westinghouse Electric Corp. 2,697,202, Cl. 323—101.
 Staaff, Per H., Bromma, assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal bowl with conical disks having distributing holes. 2,665,843, Jan. 12.
 Staak, Julius H., to General Electric Co. 2,683,826, Cl. 310—154.
 Staak, Julius H., to General Electric Co. 2,683,828, Cl. 310—239.
 Staak, Julius H., to General Electric Co. 2,683,830, Cl. 310—258.
 Staats, Byron H.: *See*—
 Hornsby, Grover J. 2,687,276.
 Staats, Henry N.: *See*—
 De Forest, Taber, and Staats. 2,678,420.
 Staats, Henry P. 2,682,425, Cl. 294—83.
 Staatsbedrijf der Posterijen, Telegrafie en Telefonie: *See*—
 Bosch, Johannes N. 2,689,526.
 Snijders, Antonie. 2,676,204.
 Van Lommel, Henri L. 2,676,205.
 Van Zoest, Willen H. 2,681,949.
 Staba, Edward A., assignor to Olin Industries, Inc. 2,679,451, Cl. 23—146.
 Stabler, Howard P., to the United States of America as represented by the Secretary of the Navy. 2,689,911, Cl. 250—27.

- Stables, Fred, to C. C. Taylor and Co. (Proprietary) Ltd. 2,695,108, Cl. 214—132.
- Staccone, Valentine, and F. Amico, Rochester, N. Y. Toy automobile with windshield wiper. 2,665,520, Jan. 12.
- Stacey, Ernest F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for assembling shoe bottom parts. 2,669,734, Feb. 23.
- Stacey, Ernest W., to United Shoe Machinery Corp. 2,682,674, Cl. 12—85.1.
- Stach, Benedict, Detroit, Mich. Seed sowing device. 2,670,879, Mar. 2.
- Stack Company, The, assignee: *See*—
Hill, Joe M. 2,677,556.
- Stack, Spencer T., Merrick, N. Y. Fire extinguisher system. 2,667,933, Feb. 2.
- Stack, Theodore T., to Crane Packing Co. 2,688,720, Cl. 318—447.
- Stack, Vernon T., to Hanes Hosiery Mills Co. 2,685,786, Cl. 66—50.
- Stackblin Corporation, assignee: *See*—
Shaw, Richard A. 2,677,483.
Shaw, Thomas.
- Stackhouse, William V.: *See*—
Torresen, Caryl T., and Stackhouse.
- Stacy, Maurice W.: *See*—
Bransky, David W., Bolt, Stacy, and Feller.
- Stacy, Thomas F., to The French Oil Mill Machinery Co. 2,692,407, Cl. 18—16.
- Stade, Bertil, assignor to Wittek Manufacturing Co. 2,675,253, Cl. 285—129.
- Stade, Bertil, assignor to Wittek Manufacturing Co. 2,677,164, Cl. 24—279.
- Stadelhofer, Fred F., assignor to Berkeley Pump Company, Berkeley, Calif. Coupling means for tubular casing. 2,668,066, Feb. 2.
- Stadem, Hans A.: *See*—
Daugherty, Roland H., Stadem, and Rouse. 2,694,981.
- Stader, Otto, Ardmore, Pa. Guide clamp for flush valves. 2,669,729, Feb. 23.
- Staebler, Lloyd A., to Philco Corp. 2,693,679, Cl. 62—3.
- Staebler, Lloyd A., and S. Banerji, to Philco Corp. 2,687,020, Cl. 62—4.
- Staedtler, J. S.: *See*—
Loy, Georg. 2,682,476.
- Staegel, Stephen A., Hamilton, and J. H. Pearson, Middletown, assignors to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,666,368, Jan. 19.
- Staehle, Henry C., and L. E. Martinson, assignors to Eastman Kodak Company. 2,675,315, Cl. 95—7.
- Staff, Aaron S., and R. L. Spence. 2,682,163, Cl. 66—86.
- Staffa, Joseph. 2,681,128, Cl. 190—41.
- Staffe, Walter J. 2,682,426, Cl. 296—43.
- Staffen, Glenn W.: *See*—
Myers, Donald R., Magerlein, and Staffen. 2,678,950.
- Stafford, Arthur H. 2,689,356, Cl. 7—17.
- Stafford, John W., Hohokus, N. J. Continuous liquid pumping system. 2,669,941, Feb. 23.
- Stafford, Richard M. 2,693,685, Cl. 65—13.
- Stafford, William R. 2,679,255, Cl. 135—5.
- Stageberg, Sterling O. 2,691,896, Cl. 74—119.
- Stageberg, Wilfred E., to Brown & Bigelow. 2,683,979, Cl. 70—459.
- Stageberg, Wilfred E., to Brown & Bigelow. 2,694,242, Cl. 24—66.
- Staggenburg, Herman J.: *See*—
Heiden, Peter J., Staggenburg, Tice, and Richardson. 2,676,368.
- Staggs, James E. 2,686,367, Cl. 33—138.
- Staggs, Vanel E.: *See*—
Reese, Dave T., and Staggs. 2,694,557.
- Stahl, Clarence E. 2,682,089, Cl. 20—15.
- Stahl, Nils E. J., and O. U. Larsson, to Almex Inc. 2,693,871, Cl. 197—162.
- Stahl, Nils E. J., and O. U. Larsson. 2,695,749, Cl. 235—60.31.
- Stahl, Philip F. B. 2,692,812, Cl. 312—310.
- Stahl, Walter A. 2,697,514, Cl. 209—72.
- Stahl, William H.: *See*—
Snell, Foster D., and Stahl.
- Stahl, William L.: *See*—
Vogeley, Clyde E., Jr., and Stahl.
- Stahl, William L., and C. E. Vogeley, Jr., assignors to Westinghouse Electric Corporation. 2,677,111, Cl. 333—33.
- Stahl, William L., and V. C. Applegate, to United States of America. 2,688,116, Cl. 324—29.
- Stahle, William P., Newport News, Va. Fishing rod holder. 2,670,111, Feb. 23.
- Stablecker, Wilhelm, Tubingen, assignor to Vereinigte Kugellagerfabriken Aktiengesellschaft, Schweinfurt, Germany. Roller guide means. 2,666,231, Jan. 19.
- Stahlhut, Leo G.: *See*—
Taylor, George J., and Stahlhut. 2,683,799.
- Stahmer, Bernhardt. 2,681,674, Cl. 146—106.
- Stahmer, Bernhardt. 2,686,540, Cl. 146—1.
- Stahmer, Bernhardt. 2,695,129, Cl. 229—55.
- Stalano, Louis. 2,685,292, Cl. 132—120.
- Staib, John H.: *See*—
Marcell, Thaddeus R., Porter, and Staib.
- Staiger, Kurt: *See*—
Kamm, Wunibald I. E., Krautter, and Staiger. 2,684,712.
- Staiger, Louis G., to C. E. Threedy, as trustee. 2,690,828, Cl. 194—63.
- Staines, Messrs., Kitchen Equipment and Company Limited, assignee: *See*—
Bennetts, Arthur E.
- Stair, Marie R., Glendale, Calif. Flour dispensing rolling pin. 2,673,532, Mar. 30.
- Stair, William S. 2,691,277, Cl. 62—107.
- Staite, Harold J.: *See*—
Watson, Henry R., Morris, and Staite.
- Stalego, Charles J., to Owens-Corning Fiberglas Corp. 2,681,696, Cl. 158—116.
- Stalego, Charles J., to Owens-Corning Fiberglas Corp. 2,687,551, Cl. 18—25.
- Stalego, Joseph P.: *See*—
Blefeld, Lawrence P., and Stalego.
- Staley, A. E., Mfg. Co.: *See*—
Myers, Noel W. 2,686,190.
Royer, William M. 2,695,742.
Thomas, McCalip J. 2,691,035.
- Staley, Carroll H.: *See*—
Shuman, Albert C., and Staley. 2,696,158.
- Stålhandske, David G., and E. A. Johnson, Bofors, Sweden. Gauge for measuring external dimensions. 2,668,361, Feb. 9.
- Stålhandske, David G., and E. A. Johnson. 2,692,045, Cl. 209—88.
- Stalker, Edward A. 2,678,537, Cl. 60—54.
- Stalker, Edward A. 2,685,405, Cl. 230—122.
- Stalker, Edward A. 2,693,324, Cl. 244—17.13.
- Stalker, Edward A. 2,693,677, Cl. 60—54.
- Stallcup, Etta, executrix: *See*—
Wightman, Lynn.
- Stallcup, Furman P., assignor of one-half to M. Gregory, Jonesboro, Ark. Cotton chopping and cultivating machine. 2,673,503, Mar. 30.
- Staller, Alfred W., to Crescent Insulated Wire & Cable Co., Inc. 2,689,713, Cl. 259—15.
- Staller, Jack J.: *See*—
Beveridge, Harold N., and Staller. 2,685,067.
- Staller, Jan. 2,683,559, Cl. 226—86.
- Staller, Jan, to J. K. Staller. 2,684,778, Cl. 220—24.
- Staller, Jan. 2,696,938, Cl. 226—86.
- Staller, Jan K.: *See*—
Staller, Jan. 2,684,778.
- Stallmann, Otto: *See*—
Balon, Walter J., and Stallmann. 2,683,144.
- Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparation of aromatic isocyanate dimers. 2,671,082, Mar. 2.
- Stamatoff, Gelu S., to E. I. du Pont de Nemours and Co. 2,697,053, Cl. 154—277.
- Stamets, Wm. K., Co.: *See*—
Long, Arthur H. 2,681,106.
- Stamford Tool & Die Corp.: *See*—
Leonard, George H. 2,688,443.
- Stamcarbon N. V.: *See*—
Driessen, Maximiliaan G., and Fontein. 2,693,878.
Fontein, Freerk J.
Fontein, Freerk J., and Leeman.
Van Dijk, Arend M. 2,679,314.
Van Os, Willem E. 2,696,299.
Vegter, Herman J. 2,689,810.
Zeegers, Rudolph N. G. 2,686,106.
- Stamm, Heinrich, assignor to ETA A. G., Ebauches-Fabrik, Grenchen, Switzerland. Bearing for oscillating weight in watches with automatic winding mechanism. 2,670,591, Mar. 2.
- Stamm, Heinrich, assignor to Eterna A. G., Uhrenfabrik, Grenchen, Switzerland. Fixing plate for a watch or clock movement in its case. 2,672,725, Mar. 23.
- Stamm, Heinrich, to Eterna S. A. 2,686,436, Cl. 74—577.
- Stampen, Jacob J., Hollywood, Ill., assignor to Babson Bros. Co. Inflation for milkers. 2,670,709, Mar. 2.
- Standal, George M. 2,680,302, Cl. 33—207.
- Standal, Stanley. 2,691,415, Cl. 161—18.
- Standal, Stanley E. M. 2,675,717, Cl. 76—41.
- Standard Box Co., assignee: *See*—
Goldberg, Arthur G. 2,679,971.
- Standard Brands Inc.: *See*—
Johnston, William R., and Foote. 2,689,181.
Redfern, Sutton, and Lenney. 2,686,730.
- Standard Car Truck Co.: *See*—
Barber, Franklin D.
Gillespie, Harvey M. 2,683,065.
Leese, Charles P.
- Standard Coil Products Co., Inc.: *See*—
Thias, Edwin P. 2,682,643.
Thias, Edwin P. 2,695,963.
- Standard Duplicating Machines Corporation, assignee: *See*—
Bergman, Carl A. 2,674,183.
- Standard Gage Company, Inc., assignee: *See*—
Bishop, John J.
- Standard Hosiery Mills: *See*—
Haddad, Salomao J. 2,696,096.
- Standard Motor Products, Inc.: *See*—
Adler, Fred, Ehlin, and Kameny. 2,697,774.
- Standard Oil Co.: *See*—
Alm, Robert M.
Arnold, Robert C.
Arnold, Robert C., and Lien.

Standard Oil Co.: See—Continued.

Bartleson, John D.
 Bartleson, John D. 2,695,223.
 Bartleson, John D., and Alford. 2,691,002.
 Bartleson, John D., Hardman, and Sunday. 2,690,976.
 Becker, Sam B.
 Bettes, Richard S., Jr. 2,696,650.
 Bettes, Richard S., Jr. 2,697,247.
 Bettes, Richard S., Jr., Keenan, and Radkins. 2,697,249.
 Brannen, Cecil G., and Swakon. 2,679,480.
 Bransky, David W., Bolt, Stacy, and Feller.
 Brown, Russell H.
 Browning, George V., Brunstrum, and Hayne. 2,697,693.
 Brunstrum, Lawrence C., and Steinbruch. 2,696,734.
 Bulkley, William L. 2,684,010.
 Burrows, Harry J., and Blonchek. 2,681,131.
 Cafcas, Thomas and Lindert.
 Cerveny, William J. 2,686,206.
 Cerveny, William J., Burney, and Weisemann. 2,685,577.
 Conway, Hertsell S. 2,693,486.
 Cord, Howard O., Merten, and Ryant.
 Deiman, Edgar A., and Lindert. 2,677,618.
 Den Herder, Marvin J. 2,690,432.
 Dickey, Richard E., and Weaverling. 2,686,105.
 Dieman, Edgar A.
 Dinerstein, Robert A. 2,689,845.
 Fainman, Morton. 2,688,595.
 Fainman, Morton, Lemmon, and Lindert. 2,692,280.
 Faris, Robert B., Jr., Hardman, and Fink.
 Faris, Robert B., Jr., Hardman, Stine, and Fink. 2,677,271.
 Feller, Morris, and MacLaren.
 Field, Edmund. 2,683,177.
 Field, Edmund, and Feller. 2,691,647.
 Fragen, Nathan. 2,677,001.
 Frazier, David. 2,681,890.
 Goodman, Eugene P., and Thompson. 2,690,419.
 Harban, Arthur A., and Johnson.
 Hardman, Harley F. 2,693,425.
 Heard, Llewellyn. 2,696,474.
 Hill, Robert H. 2,688,591.
 Huggler, Niles A.
 Hughes, Everett C.
 Hughes, Everett C. 2,698,008.
 Hughes, Everett C., Alford, and Bartleson. 2,695,271.
 Hughes, Everett C., and Bartleson.
 Hughes, Everett C., and Darling. 2,684,893.
 Hughes, Everett C., and Frazier.
 Hughes, Everett C., Hardman, Bartleson, and Sunday. 2,690,977.
 Hughes, Everett C., and Stine.
 Jacobs, Robert B.
 Jacobs, Robert B., and Kapff.
 Johnson, Carl E., and Lien.
 Johnson, Carl E., and Wolff. 2,697,722.
 Johnson, Everett A.
 Johnson, Everett A. 2,687,175.
 Kalinowski, Mathew L., and Feller.
 Kalinowski, Mathew L., and MacLaren.
 Kapff, Sixt F.
 Karll, Robert E. 2,693,447.
 Kircher, Nevin W. 2,684,875.
 Klingel, Arthur R., Jr. 2,695,824.
 Klingel, Arthur R., Jr. 2,698,265.
 Knobloch, James O., and Sparks.
 Knowlton, Richard E. 2,679,536.
 Knowlton, Richard E. 2,679,537.
 Kolb, Ray M. 2,680,410.
 Kornhauser, Saunders, and Jatzek. 2,681,165.
 Krause, Jack H. 2,695,263.
 Lemmon, Norman E., Karll, and Feller. 2,677,620.
 Lien, Arthur P., and Johnson.
 Lien, Arthur P., and McCaulay. 2,683,763-4.
 Lien, Arthur P., and Shalit. 2,677,648.
 Linsk, Jack. 2,681,903.
 Lupfer, George L. 2,684,936.
 Lupfer, George L. 2,692,223.
 Lupfer, George L. 2,696,738.
 MacLaren, Frederick H.
 McCaulay, David A., and Lien. 2,683,758-62.
 McConnell, Elliott B.
 Melaven, Ralph M. 2,688,436.
 Mixon, Lawson W., and Watson.
 Musselman, John M., and Knowlton. 2,698,296.
 Obermeit, Karl H.
 Peters, Edwin F. 2,692,259.
 Peters, Edwin F. 2,692,295.
 Peters, Edwin F., and Evering. 2,692,261.
 Proell, Wayne A. 2,684,952.
 Roebuck, Alan K., and Zletz. 2,692,258.
 Russum, Leonard W. 2,677,000.
 Schmitkons, George E., and Ketchum. 2,688,401.
 Schroeder, Carl J. 2,688,157.
 Schuessler, Frederick W., and Wishlinski. 2,675,329.
 Scovill, Warner E.
 Shalit, Harold, Deters, and Lien. 2,690,417.
 Shalit, Harold, and Lien. 2,697,694.
 Shortleeve, Francis J., and Nicholson.
 Shull, Karl L., Roberson, and Knowlton. 2,679,507.
 Smith, Joseph B. 2,696,390.
 Sparks, Joseph W., and Knobloch.

Standard Oil Co.: See—Continued.

Stanley, William E., Jr., and Dinerstein. 2,683,732.
 Stine, Harrison M.
 Strecker, Harold A., and Stine.
 Swan, Charles J. 2,674,376.
 Tom, Theodore B., and Bolt. 2,693,442.
 Towle, Philip H., and Hill.
 Veatch, Franklin, and Persing.
 Watson, Roger W. 2,688,612.
 Watson, Roger W., and Mixon. 2,686,204.
 Webb, Glenn M., and Heard. 2,686,159.
 Weitkamp, Alfred W., Arkis, and Flint. 2,676,955.
 Wishlinski, Thomas J., and Schuessler. 2,675,328.
 Wolf, Joseph E. 2,697,065.
 Yahnke, Robert L., and Healy. 2,677,002.
 Zajac, Stephen J. 2,684,944.
 Zletz, Alex. 2,692,257.

Standard Oil Development Co.: See—
 Abendroth, Guss F. 2,693,854.
 Adams, Clark E. 2,698,284.
 Adams, Clark E., Kimberlin, and Mattox. 2,690,990.
 Allen, Thomas O.
 Allen, Thomas O. 2,693,856.
 Allen, Thomas O., and McDuffie. 2,689,008.
 Arundale, Erving, and Banes. 2,684,356.
 Badger, Algernon S.
 Badger, Algernon S. 2,693,084.
 Bailey, Bradford E. 2,676,156.
 Banes, Fred W., and Fitz Gerald.
 Banes, Fred W., Fitz Gerald, Nelson, and Gilliland.
 Barr, Frank T., and Rex. 2,680,091.
 Bartlett, Jeffrey H.
 Bartlett, Jeffrey H. 2,694,685.
 Bartlett, Jeffrey H., Kirshenbaum, and Rudel. 2,680,094.
 Bartlett, Jeffrey H., Knoth, and Stewart. 2,693,493.
 Bartlett, Jeffrey H., Morway, and Serniuk. 2,692,232.
 Bauer, Jacob L. 2,674,069.
 Baumann, George P. 2,687,982.
 Baumgarten, Peter K., Hoffmann, and Wadley. 2,694,671.
 Beach, Leland K., and Barnett.
 Bennett, Rufus B.
 Bennett, Rufus B. 2,687,987.
 Bethea, Sam R. 2,681,374.
 Biribauer, Frank A., Carlson, and Morrell. 2,684,385.
 Black, James F., and Kearby. 2,682,552.
 Blanding, Forrest H., and Leslie. 2,681,304.
 Bolling, Thomas J., Jr. 2,692,059.
 Boucher, Frank G.
 Brown, James W., and Burnside. 2,683,158.
 Brugmann, William H., Jr. 2,694,084.
 Buchmann, Fred J. 2,685,596.
 Cahn, Robert P., and Etherington.
 Camp, John M., and Eckel. 2,692,116.
 Carver, John A. 2,686,110.
 Catterall, William E.
 Catterall, William E., and Lane.
 Cier, Harry E.
 Cier, Harry E., and Schutze. 2,683,076.
 Clarke, James S.
 Clarke, James S. 2,690,962.
 Clarke, James S. 2,697,334.
 Clayton, Robert E., Jr., and Newberg. 2,688,005.
 Cohen, Charles A. 2,688,633.
 Cohen, Charles A., Mikeska, and Knoth. 2,688,627.
 Cone, John H.
 Corcoran, Ethel J., and Cashman. 2,690,445.
 Corner, Eugene S. 2,678,264.
 Cottle, Delmer L. 2,678,332.
 Cottle, Delmer L., Young, and Knoth. 2,692,233.
 Craig, Lester M., and Bush. 2,696,362.
 Crookston, Robert R.
 Crookston, Robert R. 2,678,065.
 Crookston, Robert R. 2,687,742.
 Crookston, Robert R. 2,688,386.
 Crookston, Robert R. 2,690,847.
 Crookston, Robert R., and Moser. 2,697,999.
 Crookston, Robert R., and Seljos.
 Cyphers, Elmer B., and Jones. 2,687,984.
 Cyphers, Elmer B., and Young. 2,691,001.
 Dauphinee, Enna E., and Antenbring. 2,685,293.
 Dean, Raymond M., Cashman, and Thomas. 2,688,643.
 Deffley, Esther M. 2,688,596.
 De Hoff, Hugh C.
 Dinwiddie, James A., and Leesemann. 2,689,265.
 Dodds, Edwin M., and Derry. 2,695,011.
 Donovan, Robert G. 2,681,218.
 Duncan, Gordon W. 2,692,278.
 Eby, Lawrence T. 2,680,718.
 Edson, Murray H. 2,676,910.
 Emond, Robert E., and Moffat. 2,690,965.
 Ernst, John L., and Thomas. 2,682,531.
 Etherington, Lewis D. 2,681,125.
 Ewing, Scott P.
 Farnham, Harry M., Jr. 2,691,885.
 Feldbauer, George F., Jr., Jahnig, and Martin. 2,686,151.
 Fenske, Merrell R., and Long.
 Fischl, Fred B., and Cyphers. 2,694,044.
 Ford, Ian A. M.
 Fuqua, Mack C., and Hamner.
 Gallo, S. George, and Morrell. 2,675,407.

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Garabrant, Arthur R., Goering, and Schneider. 2,698,320.
 Gilcrease, John R.
 Gilliland, Edwin R.
 Gleason, Anthony H. 2,683,162.
 Gleason, Anthony H., and Leary.
 Goering, Hans G., and Rocca. 2,683,138.
 Gohr, Edwin J., Barr, and Roetheli. 2,697,718.
 Goodwin, Henry S. 2,687,989.
 Green, Paul R., and Chmiel. 2,686,046.
 Griffith, Clayton O. 2,696,112.
 Guyer, Walter R. F., Thorn, and Arundale.
 Hale, Cecil H. 2,681,368.
 Hale, Chauncey C. 2,698,351.
 Hardy, Robert L., MacLaren, Hemminger, and Rex. 2,689,823.
 Hastings, Sam H., Anderson, and Watson. 2,693,495.
 Heinrich, Raymond L., and Schmidl. 2,684,335.
 Heintz, Karl O. 2,697,828.
 Hemminger, Charles E.
 Hemminger, Charles E. 2,674,611.
 Hemminger, Charles E. 2,696,460.
 Hemminger, Charles E., and Taff. 2,697,684.
 Herbst, Walter A.
 Herbst, Walter A. 2,690,963.
 Hibbard, Haines C.
 Hickok, John E., and Neudeck. 2,693,175.
 Hickok, John E., and Ryan.
 Hildebrandt, Alexander B. 2,688,115.
 Hodges, Linnie P. 2,685,558.
 Hoffmeister, William S. 2,686,108.
 Hugin, David R.
 Horeczy, Joseph T., and Boynton. 2,690,460.
 Howard, Frank A. 2,688,534.
 Hubbard, Addison W., Hill, and Zapp. 2,684,958.
 Hunter, Edward A., and Kimberlin. 2,692,239.
 Jahnig, Charles E., and Gornowski.
 Jennings, James M., and Pappas. 2,687,986.
 Jennings, Louis A., Schlaer, and Howell. 2,683,120.
 Jones, Allen R., and Smith. 2,694,045.
 Kanady, William E. 2,690,123.
 Kearby, Kenneth K. 2,682,565.
 Kearby, Kenneth K., Kirshenbaum, and Smith. 2,678,904.
 Kimberlin, Charles N., Jr., and Gladrow. 2,689,229.
 Kimberlin, Charles N., Jr., and Gladrow. 2,694,673.
 King, Laurence F., and Sproule. 2,695,272.
 Kirshenbaum, Abraham D., and Boyle.
 Kirshenbaum, Isidor. 2,682,495.
 Kirshenbaum, Isidor, and Gilbert. 2,677,649.
 Kirshenbaum, Isidor, and Kearby. 2,686,196.
 Kirshenbaum, Isidor, and Skarstrom. 2,686,210.
 Knight, Albert B., Jr. 2,691,278.
 Knox, William T., Jr. 2,697,926.
 Koenecke, Donald F., and McKay.
 Kolfenbach, John J., and Vesterdal. 2,696,470.
 Koontz, John D. 2,679,534.
 Krebs, Robert, and Voorhies.
 Krebs, Robert W. 2,678,952.
 Lane, Stanley C., and Vickers.
 Lathrop, Carl M., and Loeser. 2,685,685.
 Leary, Robert F., and Welch. 2,683,139.
 Lewis, Oliver G. 2,678,431.
 Lewis, Warren K. 2,683,077.
 Lewis, Warren K., and Gilliland.
 Lewis, William R., Bird, and Page. 2,688,004.
 Lillard, James G.
 Lillard, James G. 2,674,568.
 Lippincott, Samuel B., and Yowell. 2,695,326.
 Lytle, Melba L. 2,675,355.
 Mack, Charles. 2,690,420.
 MacLaren, Donald D. 2,694,672.
 Maisel, Daniel S. 2,676,912.
 Manne, Richard S. 2,674,637.
 Marshall, Benjamin T., Downing, and Harrington. 2,682,277.
 Martin, Homer Z. 2,692,192.
 Martin, Homer Z., and Hemminger.
 Matheson, George L. 2,683,685.
 Mattox, William J.
 McAdams, Don R., and Buchmann. 2,686,195.
 McAteer, James H., and Wiese.
 McCracken, Edward A., and Betts. 2,676,951.
 McCracken, Edward A., and Chaney.
 McDermott, John P. 2,689,258.
 McKay, John F., Jr., and Williams. 2,676,930.
 Mertzweiler, Joseph K.
 Mertzweiler, Joseph K. 2,698,340.
 Mikeska, Louis A., Lippincott, and Popkin. 2,677,662.
 Miller, James R. 2,687,991.
 Molstedt, Byron V.
 Moore, Thomas V. 2,684,835.
 Moore, Thomas V., and Thompson. 2,697,941.
 Morrell, Charles E., Carlson, and Porter.
 Morrow, Morris R.
 Morrow, Morris R., and Hodges. 2,693,997.
 Morway, Arnold J., and Mikeska. 2,694,683.
 Morway, Arnold J., and Smith. 2,690,429.
 Morway, Arnold J., Young, and Cottle.
 Morway, Arnold J., Young, and Cottle. 2,680,719.
 Mottern, Henry O. 2,684,951

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Mullen, Leo V., Jr., and Boyle.
 Munday, John C.
 Munday, John C., and Rogers.
 Murphree, Eger V. 2,674,612.
 Nagel, Richard H. 2,697,731.
 Nelson, Joseph F., Leary, and Welch.
 Nelson, Karl J. 2,677,604.
 Nelson, Karl J. 2,692,050.
 Nelson, Norman A.
 Ng, Thomas.
 Nicholson, Edward W. S. 2,697,653.
 Nicolai, Lloyd A. 2,697,688.
 Noel, Henry M. 2,676,908.
 Norris, William R.
 North, Howard C., and Northup. 2,684,837.
 Oathout, John D. 2,689,222.
 Odell, William W.
 Odell, William W. 2,681,273.
 Odell, William W., and Matheson.
 Ogorzaly, Henry J. 2,678,111.
 Ogorzaly, Henry J., and Tyson. 2,689,787.
 O'Halloran, Rosemary. 2,677,661.
 O'Halloran, Rosemary. 2,696,469.
 O'Halloran, Rosemary. 2,696,471.
 Orloff, John E.
 Packie, John W.
 Packie, John W. 2,690,991.
 Packie, John W. 2,692,222.
 Paltz, Walter J., and Tegge.
 Parker, Paul T. 2,695,315.
 Perry, Stephen F., Engisch, and Marriner.
 Pokorny, Oldrich S., and Speer. 2,688,587.
 Popkin, Alexander H., and Tutwiler. 2,689,223.
 Pott, Anthony F. D., and McLean. 2,688,597.
 Powers, John M., and Speed. 2,688,045.
 Prescott, James H., and Dunathan. 2,696,113.
 Price, Walter E., Jr.
 Ragland, Douglas.
 Ragland, Douglas. 2,690,823.
 Reed, William G., Jr. 2,693,999.
 Reeves, Edward D., and Kearby. 2,694,686.
 Rex, Walter A. 2,692,847.
 Rex, Walter A., and Winkler.
 Rhys, Cyril O., Jr.
 Rhys, Cyril O., Jr., and Stanton.
 Richardson, Roger W., and Hale. 2,682,496.
 Richmond, Robert P.
 Roetheli, Bruno E.
 Rogers, Dilworth T., and Bartlett. 2,694,684.
 Rogers, Dilworth T., and High. 2,675,305.
 Rollman, Walter F. 2,689,267.
 Russell, Francis R. 2,688,646.
 Ryan, Edward J., and Van Siclen.
 Salathiel, Richard A. 2,681,312.
 Salathiel, Richard A. 2,697,692.
 Salnikov, Ivan S. 2,693,085.
 Sayko, Andrew F., and Young. 2,681,301.
 Scharmann, Walter G.
 Scheeline, Harold W. 2,693,865.
 Schexnailder, Robert E.
 Schmidl, Albert J., and Powers. 2,688,644.
 Scott, Norman D. 2,690,612.
 Serniuk, George E., and Garber. 2,676,933.
 Sewell, Ben W.
 Sewell, Ben W., and Camp.
 Schmidl, Albert J. 2,682,498.
 Schmidl, Albert J. 2,698,324.
 Showalter, Jere C. 2,686,149.
 Skarstrom, Charles W. 2,697,789.
 Smith, John O., Jr., and Jones. 2,676,926.
 Smith, Lloyd B., Mason, Blanding, and Hemminger. 2,694,035.
 Smith, Paul V., Jr., Mikeska, and Popkin. 2,683,119.
 Smith, Warren M. 2,692,226.
 Smith, Warren M., and Koontz. 2,696,506.
 Sommer, Julius V. 2,688,869.
 Sparks, William J., and Young. 2,676,950.
 Starr, Charles E., Jr., and Newchurch. 2,684,731.
 Starr, Charles E., Jr., and Segura. 2,694,674.
 Stewart, Douglas M. 2,697,988.
 Stewart, Joseph, and Hakala. 2,676,995.
 Stone, Albert L. 2,676,075.
 Stone, Albert L. 2,685,378.
 Stratford, Reginald K., Jones, and Stuart.
 Stratford, Reginald K., and Mackenzie. 2,687,988.
 Strickland, Barney R. 2,696,458.
 Sumerford, Simpson D. 2,698,335.
 Sweetser, Sumner B. 2,681,305.
 Sweetser, Sumner B. 2,694,624.
 Sweetser, Sumner B., and MacLaren. 2,697,733.
 Sweetser, Sumner B., and Mueller.
 Taff, Wilfred O., Weikart, and Eustis. 2,695,264.
 Tegge, Bruce R., Carlson, and Stewart.
 Thomas, Robert M., and Small. 2,694,054.
 Thwaites, Herman L., and Hitchcox. 2,698,309.
 Tongberg, Carl O., and Brugmann. 2,681,315.
 Trexel, James J. 2,684,894.
 Tuttle, John R., Jr., and Shahnazarian. 2,683,061.
 Tutwiler, Thomas S., and Bartlett. 2,678,919.
 Uhrig, Leo V., and Atkins. 2,689,144.
 Voorhies, Alexis, Jr. 2,685,559.

- Standard Oil Development Co.: *See*—Continued.
 Waddell, Mathis T., and Karchner. 2,693,443.
 Wadley, Edward F., and Anderson. 2,688,629.
 Wadley, Edward F., and Anderson. 2,688,630.
 Wasson, Jones L., and Bonham.
 Watts, Rhea N., and Gray.
 Watts, Rhea N., Krebs, and Lane. 2,684,986.
 Weikart, John. 2,682,494.
 Weissberg, Jesse S., and Jones.
 Welch, Lester M. 2,674,586.
 Welch, Lester M. 2,686,183.
 Welch, Lester M., Nelson, and Wilson.
 Welge, Henry J., and Rapoport. 2,693,104.
 Welge, Henry J., and West.
 Weltv, Albert B., Jr., and Sweetser. 2,694,623.
 Whiteley, Robert S., and Voorhies. 2,685,561.
 Wiese, Herbert K. 2,681,356.
 Williams, Philip S. 2,675,080.
 Wilson, Charles L., Dineen, and Bacsik. 2,692,129.
 Wilson, Howard L., and Anderson. 2,689,835.
 Wilson, James A. 2,690,694.
 Wilson, James A., and Brenneman. 2,685,199.
 Wood, Robert S.
 Young, David W.
 Young, David W., and Cottle. 2,683,132.
 Young, David W., and Franklin. 2,690,418.
 Young, David W., and Sparks. 2,691,646.
 Yurasko, Frank H., and North.
 Zapp, Robert L.
- Standard Piano Hammer Co., assignee: *See*—
 Zack, Samuel E.
- Standard Process Corporation, assignee: *See*—
 Vegell, Allan. 2,675,756.
- Standard Railway Equipment Mfg. Co.: *See*—
 Borland, James N. 2,679,419.
 Cisco, Edward S. 2,679,418.
 Swann, James S.
 West, Victor E. 2,693,681.
- Standard Register Co., The: *See*—
 Davidson, John T. 2,674,185.
 Davidson, John T. 2,683,519.
 Davidson, John T., and Stimson. 2,683,599.
 Gopperton, Ardath A. 2,686,671.
 Metzner, Albert W.
 Metzner, Albert W. 2,677,540.
 Metzner, Albert W. 2,692,553.
 Metzner, Albert W. 2,696,671.
 Metzner, Albert W. 2,696,982.
 Zinn, Robert B., and Metzner. 2,693,237.
- Standard Screw Co.: *See*—
 Corlett, Webster D., and Mackie.
 Voorhies, Carl, and Corlett. 2,688,318.
- Standard Steel Corp.: *See*—
 McPherson, Robert H. 2,687,230.
- Standard Stoker Co., Inc., The: *See*—
 Turner, Edwin A. 2,691,351.
- Standard Telephones and Cables Ltd.: *See*—
 Wright, Edmond P. G., Weir, and Rice. 2,688,656.
- Standard-Thomson Corp.: *See*—
 Early, Paul F., and Winslow. 2,674,412.
 Hummert, Robert H. 2,674,452.
 Kimm, Ewald J. 2,674,268.
 Woods, John E. 2,685,305.
- Standfast Dyers & Printers Ltd.: *See*—
 Hannay, Robert S. E., and Kilby.
 Hannay, Robert S. E., and Kilby. 2,693,689.
- Standfuss, Ernest R., to The Burch Corp. 2,697,289, Cl. 37—42.
- Standish, Edward K., Stoughton, Mass., assignor, by mesne assignments, to Filmsort Inc. Card preparing machine. 2,666,543, Jan. 19.
- Stanfield, Charles A., and R. J. Reilley. 2,680,668, Cl. 312—305.
- Stanford, Leland H., Arlington, Va. Cable lashing machine. 2,668,688, Feb. 9.
- Stanford Roberts Mfg. Co., The: *See*—
 Ovshinsky, Stanford. 2,697,610.
- Stange, Ferdinand F., assignor to Foster Machine Company, Westfield, Mass. Stop motion for yarn winding machines. 2,665,077, Jan. 5.
- Stange, Ferdinand F., assignor to Foster Machine Company. 2,680,572, Cl. 242—35.6.
- Stanier, Harold. 2,682,459, Cl. 48—214.
- Stanin, Theodore E., and J. B. Dickey, to Eastman Kodak Co. 2,697,088, Cl. 260—32.6.
- Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Back trim and sealing molding. 2,665,182, Jan. 5.
- Stanitz, Jacques, assignor to Mullins Manufacturing Corporation. 2,675,938, Cl. 220—15.
- Stanitz, Jacques, M. E. Ullman, Jr., and J. L. Habe, to Mullins Mfg. Corp. 2,692,602, Cl. 134—57.
- Stanitz, Jacques, M. E. Ullman, Jr., and J. L. Habe, to Mullins Mfg. Corp. 2,692,605, Cl. 134—179.
- Stankewich, Edward M., South Ozone Park, N. Y. Molding machine. 2,666,949, Jan. 26.
- Stankosky, John J. 2,697,526, Cl. 211—89.
- Stanley Aviation Corp.: *See*—
 Stanley, Robert M. 2,689,697.
- Stanley, Charles F., assignor to The Fafnir Bearing Company, New Britain, Conn. Eccentric ring locking means. 2,665,930, Jan. 12.
- Stanley, Charles F., to The Fafnir Bearing Co. 2,695,200, Cl. 308—72.
- Stanley, Charles N., assignee: *See*—
 Stanley, Harry W. and R. H.
- Stanley Engineering Company Limited, The, assignee: *See*—
 Hewson, Robert P.
- Stanley, Florence M. 2,692,432, Cl. 33—1.
- Stanley, Harry W. and R. H., assignors of one-fifth to C. N. Stanley, Glendale, Calif. Truss structure. 2,670,819, Mar. 2.
- Stanley, Herbert M.: *See*—
 Bellringer, Frederick J., Bewley, and Stanley. 2,691,037.
 Major, Frederick W., and Stanley.
- Stanley Home Products, Inc., assignee: *See*—
 Bagley, John F., Jr.
 Bressler, Louis R. 2,676,350.
- Stanley, John P., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Treatment of wool grease. 2,665,282, Jan. 5.
- Stanley, John P., Selma, Calif. Material handling apparatus. 2,670,863, Mar. 2.
- Stanley, Lester N.: *See*—
 Von Glahn, William H., and Stanley. 2,688,543.
- Stanley, Lester N., and A. C. Baggenstoss, to General Aniline & Film Corp. 2,682,559, Cl. 260—591.
- Stanley, Ralph H.: *See*—
 Stanley, Harry W. and R. H.
- Stanley, Robert M., to Stanley Aviation Corp. 2,689,697, Cl. 244—122.
- Stanley, Robert M., to Bell Aircraft Corp. 2,697,483, Cl. 158—36.5.
- Stanley, Vincent A.: *See*—
 Brewer, Leslie H., Stanley, and Puleston. 2,684,306.
- Stanley, William E., Jr., and R. A. Dinerstein, to Standard Oil Co. 2,683,752, Cl. 260—627.
- Stanley Works, The: *See*—
 Curtiss, George E., Jr., and Bobrowski. 2,690,923.
 Ferguson, Paul R.
 Godfrey, James H.
 Godfrey, James H., and Lee.
 Malloy, James E.
 Robinson, David M. 2,684,238.
 Roby, Sheldon S., and Forbes. 2,694,234.
 Wilson, Samuel W. 2,696,508.
- Stanolind Oil and Gas Co.: *See*—
 Brainerd, Harold W., Jr., Fast, and Howard. 2,689,009.
 Cain, Donald G., Goddin, and Caruthers.
 Elkins, Lloyd E., Vincent, and Schaefer.
 Evans, Julian F. 2,674,886.
 Farris, Riley F.
 Fast, Clarence R. 2,695,063.
 Fast, Clarence R. 2,696,260.
 Frye, Clifton G.
 Frye, Clifton G. 2,684,975.
 Goddin, Clifton S., Jr. 2,696,494.
 Grekel, Howard. 2,681,882.
 Grekel, Howard, Pace, and Ireland.
 Hartline, Ralph E., and Eisler. 2,688,872.
 Howard, George C.
 Hujsak, Karol L., and Mungen.
 Kratzer, Myron B. 2,681,924.
 Kratzer, Myron B. 2,698,346.
 McChrystal, Richard G.
 McChrystal, Richard G., and Fast. 2,675,354.
 Menaul, Paul L.
 Menaul, Paul L. 2,689,219.
 Menaul, Paul L., and Gray. 2,681,889.
 Pearce, Frank G., and Latta. 2,695,163.
 Pottorf, Newell. 2,681,706.
 Silverman, Daniel. 2,674,885.
 Silverman, Daniel, and Hartline. 2,674,877.
 Steitz, Alfred, Jr. 2,684,985.
 Steitz, Alfred, Jr. 2,690,995.
 Steitz, Alfred, Jr., and Jacoby.
 Vincent, Renic P., and Rhoads, Jr. 2,688,928.
 Walker, Scott W. 2,691,669.
 Weaver, Joe C., Jr., Eliot, and Goddin. 2,684,934.
 Widess, Moses B. 2,681,567.
 Zaba, Joseph. 2,674,951.
- Stansbury, Harry A., Jr., and H. R. Guest, to Union Carbide and Carbon Corp. 2,694,077, Cl. 260—345.9.
- Stansfield, Edgar. 2,690,322, Cl. 251—324.
- Stansfield, Ernest E.: *See*—
 Berlyn, Martin J., and Stansfield. 2,688,054.
- Stant Mfg. Co.: *See*—
 Friend, Dawson. 2,684,780.
- Stant Manufacturing Co., Inc.: *See*—
 Friend, Dawson. 2,681,559.
 Friend, Dawson. 2,679,946.
- Stanton, Austin N., Garland, Tex. Nozzle with ram jet action. 2,665,052, Jan. 5.
- Stanton, Austin N., Garland, Tex. Reflex photography utilizing a luminescent light source. 2,672,416, Mar. 16.
- Stanton, Austin N. 2,691,222, Cl. 33—90.
- Stanton, Austin N. 2,697,594, Cl. 264—1.
- Stanton, Francis P., assignor to The Bristol Aeroplane Company Limited. 2,678,542, Cl. 62—6.
- Stanton, George W., Walnut Creek, and T. C. Spence, Concord, Calif., assignors to The Dow Chemical Company, Midland, Mich. Wet spinning of polyacrylonitrile from salt solutions. 2,670,268, Feb. 23.

- Stanton, George W., and F. A. Ehlers, to The Dow Chemical Co. 2,681,328, Cl. 260—45.9.
- Stanton, George W., and F. A. Ehlers, to The Dow Chemical Co. 2,681,329, Cl. 260—45.9.
- Stanton, George W., and F. A. Ehlers, to The Dow Chemical Co. 2,681,330, Cl. 260—45.9.
- Stanton, Leslie A.: *See—*
Wilson, Lawrence A., Dayger, Babel, and Stanton. 2,690,222.
- Stanton, Norman C. 2,686,559, Cl. 155—196.
- Stanton, Philip L., La Canada, assignor to E & J Manufacturing Co., Burbank, Calif. Mask for administering anesthetics. 2,666,432, Jan. 19.
- Stanton, Robert E., assignor to Celanese Corporation of America. 2,680,470, Cl. 151—42.
- Stanton, Robert H., San Marino, Calif. Drainage member for ventilating windows of motor vehicles. 2,672,365, Mar. 16.
- Stanton, William E.: *See—*
Rhys, Cyril O., Jr., and Stanton.
- Stapelberg, James J. L., assignor to Tiger Oats & National Milling Company, Limited. 2,680,754, Cl. 260—412.4.
- Staples, Crawford E., to Westinghouse Air Brake Co. 2,692,940, Cl. 246—33.
- Staples, Otis E., to The Cleveland Hobbing Machine Co. 2,684,016, Cl. 90—4.
- Staples, William D., and C. B. Shields, to Westinghouse Air Brake Co. 2,684,466, Cl. 324—51.
- Stapleton, Clarence B.: *See—*
Beam, Albert S., and Stapleton. 2,689,410.
- Stapleton, Everett A.: *See—*
Braden, Marshall H., and Stapleton. 2,698,391.
- Stapleton, James A., Cornelia, Ga., assignor, by mesne assignments, to Chicopee Manufacturing Corporation, Chicopee Falls, Mass. Apparatus for straightening fabric. 2,665,470, Jan. 12.
- Stapling Machines Co.: *See—*
Hogan, William J. 2,695,998.
Hogan, William J., and Sylvester. 2,698,109.
- Star Fastener, Inc.: *See—*
Kaufmann, Henry. 2,685,127.
- Star, John E.: *See—*
Brink, Frank, and Star.
- Star Sprinkler Corporation, assignee: *See—*
Barz, Joseph J.
- Starcevic, George, Chicago, Ill. Adjustable cap for structural columns. 2,664,977, Jan. 5.
- Starcevic, Stephen S., East Chicago, Ind. Tumbler rinser. 2,665,440, Jan. 12.
- Starck, Arthur M. 2,686,333, Cl. 16—197.
- Starck, Clemens B.: *See—*
Nadeau, Gale F., and Starck. 2,685,511.
Nadeau, Gale F., Starck, and Smith. 2,694,639.
- Starck, Halvar G., Redondo Beach, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Breather tube. 2,665,091, Jan. 5.
- Starck, Halvar G., assignor to Northrop Aircraft, Inc. 2,679,333, Cl. 220—85.
- Stardig, Albert W. 2,679,276, Cl. 146—164.
- Stareck, Jesse E., and R. Dow, to United Chromium, Inc. 2,686,756, Cl. 204—51.
- Stark, Donald L., to The Black-Clawson Co. 2,696,766, Cl. 92—20.
- Stark, Dorothy: *See—*
Stark, Nathan I. 2,693,807.
- Stark, Edward J. 2,676,369, Cl. 22—57.4.
- Stark, Egon: *See—*
Tetrault, Philip A., and Stark. 2,695,863.
- Stark, Emanuel. 2,678,043, Cl. 128—136.
- Stark, Fortney H., Wauwatosa, Wis. Food product flavoring composition and preparation thereof. 2,670,293, Feb. 23.
- Stark, Nathan I., deceased (by D. Stark, administratrix). 2,693,807, Cl. 129—16.5.
- Stark, Robert E.: *See—*
Hartman, Herbert G., and Stark. 2,680,622.
- Stark, William T.: *See—*
Schaffer, William C., and Stark. 2,678,657.
- Starkenber, Arnold. 2,681,656, Cl. 131—236.
- Starkey, Neal E., to General Electric Co. 2,687,273, Cl. 251—28.
- Starkey, William A., and E. M. Ransburg, to Ransburg Electro-Coating Corp. 2,685,536, Cl. 117—93.
- Starkweather, Lloyd C.: *See—*
Davies, James R., and Starkweather. 2,694,330.
- Starline, Inc.: *See—*
Ferris, Robert G.
Ferris, Robert G. 2,682,339.
Ferris, Robert G. 2,683,585.
Ferris, Robert G. 2,688,309.
Ferris, Robert G., and Yuenger. 2,698,105.
- Starner, Charles J., and T. N. Newman, to Radio Corp. of America. 2,691,096, Cl. 250—16.
- Starner, James E., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass drying apparatus. 2,671,241, Mar. 9.
- Starolis, Agatha H., San Francisco, Calif. Finger ring protector. 2,665,042, Jan. 5.
- Starr, Arthur T., C. de B. White, N. S. Cinderey, K. A. Matthews, and R. B. W. Cooke, assignors to International Standard Electric Corporation. 2,680,220, Cl. 317—235.
- Starr, Charles E., Jr., and E. J. Newchurch, to Standard Oil Development Co. 2,684,731, Cl. 183—114.2.
- Starr, Charles E., Jr., and M. A. Segura, to Standard Oil Development Co. 2,694,674, Cl. 196—52.
- Starr, Donald F., Montclair, and K. K. Haber, Jersey City, N. J., assignors to S. B. Penick & Company, Incorporated, New York, N. Y. Manufacture of 3-(α -phenyl- β -acetylenyl)-4-hydroxycoumarin. 2,666,064, Jan. 12.
- Starr, Edwin, assignee: *See—*
Fat, Joseph K. C.
- Starr, John. 2,685,051, Cl. 317—89.
- Starr, John H., to John Deere Van Brunt Co. 2,688,282, Cl. 97—46.93.
- Starr, John H., to John Deere Van Brunt Co. 2,695,576, Cl. 111—9.
- Starr, Merle A., Belmont, Mass. Cosine sweep circuit. 2,668,910, Feb. 9.
- Starr, Morton H., assignor to Fairbanks, Morse & Co. 2,680,014, Cl. 265—56.5.
- Starr, Raymond H.: *See—*
Rigali, Joseph F. 2,696,905.
Rigali, Joseph F. 2,697,427.
- Starr, Raymond H. 2,681,287, Cl. 99—222.
- Starrett, Lloyd S., assignee: *See—*
Starrett, Roy L.
- Starrett, Roy L., assignor to L. S. Starrett, San Diego, Calif. Manually operated key duplicating machine. 2,671,946, Mar. 16.
- Starreveld, Remmer W., to T. Reumerman, and W. H. T. Helmig. 2,684,199, Cl. 235—61.
- Starreveld, Remmer W., and C. A. Meijer, to T. Reumerman, and W. H. T. Helmig. 2,684,200, Cl. 235—61.
- Starreveld, Remmer W., and C. A. S. Hamelink, to T. Reumerman, and W. H. T. Helmig. 2,684,201, Cl. 235—61.
- Starts, Albert. 2,695,602, Cl. 123—191.
- Stary, Walter E. 2,690,205, Cl. 153—82.
- Starysky, Charles, Sheridan, Mont. Combination baby walker and high chair. 2,665,742, Jan. 12.
- Staschover, Leo, Jamaica, assignor to International Standard Electric Corporation, New York, N. Y. Frequency discriminator circuit. 2,667,576, Jan. 26.
- Stastny, Fritz, and R. Gaeth, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,681,321, Cl. 260—2.5.
- State College of Washington: *See—*
Dana, Homer J., and Albrook. 2,677,651.
Nauman, Raymond L., Beale, and Sorensen. 2,696,680.
- State of Oregon, acting by and through the Oregon State Board of Forestry: *See—*
Graham, Robert D., and Stockett. 2,684,089.
Kurth, Ervin F. 2,697,717.
- Staten Frame Manufacturing Company, Inc., assignee: *See—*
Fortner, Thelma I.
- Statham Laboratories, Inc.: *See—*
Epstein, Saul, and Statham. 2,697,158.
- Statham, Louis D.: *See—*
Epstein, Saul, and Statham. 2,697,158.
- Stator Company, assignee: *See—*
Whitney, Lyman F. 2,678,548.
- Staub, Guy A., New Oxford, Pa. Lotting machine. 2,668,717, Feb. 9.
- Stauder, E. G., Mfg. Co., Inc.: *See—*
Bamford, Arthur P. 2,676,538.
Bamford, Arthur P. 2,692,554.
- Stauff, Emile, to The French State, represented by the Ministère de la Defense Nationale, Secretariat d'Etat aux Forces Armees (Air). 2,694,898, Cl. 60—35.54.
- Stauffer, Alfred, assignor to Lukens Steel Company. 2,675,969, Cl. 241—52.
- Stauffer Chemical Co.: *See—*
Bashour, Joseph T. 2,676,129.
Jones, Robert H., Lukes, and Bashour. 2,690,988.
- Stauffer, Lynn H., Lakewood, Ohio, assignor to General Electric Company. Apparatus and method for testing magnetic material. 2,673,326, Mar. 23.
- Stauffer, Robert A.: *See—*
Godley, Philip, 2nd., Clough, and Stauffer.
- Stauffer, Robert A., Weston, assignor to National Research Corporation, Cambridge, Mass. Apparatus and process for vapor coating. 2,665,228, Jan. 5.
- Staunton, John J. J., to Coleman Instruments, Inc. 2,689,330, Cl. 324—31.
- Stauss, Karl R., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Type-writing machine having automatic cutoff switch. 2,665,792, Jan. 12.
- Stauth, Vernon, and F. Doyle. 2,674,385, Cl. 214—147.
- Stava, Robert J.: *See—*
Goldfield, Edwin R., and Stava.
Goldfield, Edwin R., Stava, and Bastin.
- Stava, Robert J., assignor to Picker X-Ray Corporation, Waite Manufacturing Division, Inc. 2,680,046, Cl. 311—6.
- Stava, Robert J., University Heights, and W. G. Reininger, assignors to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. Electromagnetic lock for X-ray apparatus. 2,673,627, Mar. 30.
- Stavid Engineering, Inc., assignee: *See—*
Hadden, Edward L., Gaston, and Anderson.
Kress, Frank. 2,675,542.

- Stavrou, George. 2,688,244, Cl. 72—38.
 Stayner, Richard D.: *See*—
 Filatoff-Rocq, Pierre, and Stayner.
 Lewis, Allen H., and Stayner.
 Lewis, Allen H., and Stayner. 2,676,987.
 Stayner, Richard D., Albany, assignor to California Research Corporation, San Francisco, Calif. Quaternary ammonium germicide compositions. 2,666,009, Jan. 12.
 Stayner, Richard D., Albany, assignor to California Research Corporation, San Francisco, Calif. Quaternary ammonium germicidal compositions. 2,666,010, Jan. 12.
 Stayner, Richard D., to California Research Corp. 2,686,803, Cl. 260—461.
 Stayner, Richard D., to California Research Corp. 2,691,636, Cl. 252—152.
 Stayner, Richard D., to California Research Corp. 2,692,286, Cl. 260—567.6.
 Stayner, Richard D., to California Research Corp. 2,693,482, Cl. 260—461.
 Stayner, Richard D., to California Research Corp. 2,694,663, Cl. 167—30.
 Stayner, Richard D., to California Research Corp. 2,694,715, Cl. 260—290.
 Stayner, Richard D., to California Research Corp. 2,697,116, Cl. 260—501.
 Stayner, Richard D. and R. A., Berkeley, assignors to California Research Corporation, San Francisco, Calif. Fuel oil compositions. 2,665,978, Jan. 12.
 Stayner, Richard D., and G. B. Johnson, to California Research Corp. 2,692,231, Cl. 210—23.
 Stayner, Richard D. and R. A., to California Research Corp. 2,697,656, Cl. 52—0.5.
 Stayner, Richard D. and R. A., to California Research Corp. 2,697,657, Cl. 52—0.5.
 Stayner, Robert A.: *See*—
 Stayner, Richard D. and R. A.
 Stayner, Richard D. and R. A. 2,697,656.
 Stayner, Richard D. and R. A. 2,697,657.
 Steadman, Audrey H.: *See*—
 Ewart, Elliott S., and Steadman. 2,966,863.
 Steadman, Rufus P., assignor to Baker Perkins Inc., Saginaw, Mich. Automatic coiling and panning mechanism. 2,671,416, Mar. 9.
 Steadman, Rufus P., assignor to Baker Perkins Inc., Saginaw, Mich. Bread depanner. 2,673,652, Mar. 30.
 Steadman, Thomas R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of unsaturated primary aromatic alcohols. 2,666,795, Jan. 19.
 Steadman, Thomas R., Waban, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Hydrogenation in presence of Raney nickel. 2,673,886, Mar. 30.
 Steadman, Thomas R., to The B. F. Goodrich Co. 2,689,870, Cl. 260—618.
 Steam-Cote Corp.: *See*—
 Vessels, Theodore R. 2,696,353.
 Steans, George, assignor to The FR Corporation. 2,676,103, Cl. 95—88.
 Stearns Mfg. Co.: *See*—
 Schutt, Walter G. 2,685,116.
 Stearns, Raymond V. 2,691,209, Cl. 29—215.
 Stearns, Roswell H., and H. W. Buus, to R. H. and R. N. Stearns. 2,695,709, Cl. 210—1.5.
 Stearns, Roswell N.: *See*—
 Stearns, Roswell H., and Buus. 2,695,709.
 Stearns, Stanley D.: *See*—
 Lechuk, Sheldon N., and Stearns. 2,678,556.
 Stearns, Walter I., to Edw. L. Sibley Mfg. Co., Inc. 2,692,627, Cl. 145—116.
 Steatite Research Corporation, assignee: *See*—
 Albers-Schoenberg.
 Stebic, Joan A., Cleveland, Ohio. Transparent glove. 2,670,473, Mar. 2.
 Steckman, Albert O.: *See*—
 Tipper, Maynard J. G. 2,697,970.
 Steczynski, Myron E. 2,680,301, Cl. 33—199.
 Stedehouder, Pieter L.: *See*—
 Goenee, Pieter, and Stedehouder. 2,691,050.
 Stedman, Allan L.: *See*—
 Larson, Marvin, Stedman, and Dannemiller. 2,682,362.
 Stedman, Allan L., assignor to Convoy, Incorporated. 2,676,080, Cl. 312—111.
 Stedman, Cresswell E.: *See*—
 Gulick, Harold M., and Stedman. 2,687,448.
 Gulick, Harold M., and Stedman. 2,687,449.
 Stedman, Henry J. 2,696,416, Cl. 311—63.
 Steel Heddle Mfg. Co.: *See*—
 Hassold, Victor C. 2,697,454.
 Steel Products Engineering Co., The: *See*—
 Brehm, Charles M.
 Getz, Delmond L. 2,682,887.
 Getz, Delmond L., and Lafferty.
 Steele, Arthur H. V., assignor to J. Lyons & Company Limited. 2,679,920, Cl. 198—38.
 Steele, Don C. 2,683,390, Cl. 88—27.
 Steele, Edward J., Pittsburgh, Pa. Automobile visor pouch. 2,673,670, Mar. 30.
 Steele, Floyd G., to Digital Control Systems, Inc. 2,698,427, Cl. 340—174.
 Steele, Howard L., Jr., to Westinghouse Electric Corp. 2,692,348, Cl. 313—109.
 Steele, Macon L., to Producers Cotton Oil Co. 2,081,474, Cl. 19—38.
 Steele, Ray N. 2,697,296, Cl. 43—55.
 Steele, Richard B., New Providence, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Electric welding. 2,671,843, Mar. 9.
 Steele, Richard B., New Providence, assignor to Air Reduction Company, Incorporated, Murray Hill, N. J. Automatic arc welding method and apparatus. 2,671,869, Mar. 9.
 Steele, Richard E.: *See*—
 Blackburn, Andrew R., and Steele.
 Steele, Roger C., Albany, assignor to California Reinforced Plastics Company, Oakland, Calif. Making a curved honeycomb product. 2,668,327, Feb. 9.
 Steele, Roger C., and P. V. Ammen, assignors to California Reinforced Plastics Company. 2,674,295, Cl. 154—1.
 Steele, Vernon P., to Kenco Products Corp. 2,697,840, Cl. 4—203.
 Steele, Walter. 2,676,695, Cl. 198—128.
 Steen, Cora A., Inglewood, Calif. Flatiron rest for ironing boards. 2,666,606, Jan. 19.
 Steen, Hans F., assignor to the United States of America as represented by the Secretary of the Army. 2,675,292, Cl. 346—139.
 Steen, Oscar S.: *See*—
 Hanson, Oscar L., and Steen. 2,691,695.
 Steenbergh, Alexander W., to G. Dikkers & Co. N. V. 2,694,545, Cl. 251—62.
 Steenhuis, Ludwig, to Lever Brothers Co. 2,683,932, Cl. 31—14.
 Steenrod, Alex H., assignor to Woodmanse Mfg. Co., Freeport, Ill. Pump unit. 2,664,823, Jan. 5.
 Steensen, Sverre J., V. Aker, near Oslo, Norway. Compressor. 2,670,895, Mar. 2.
 Steensen, Sverre J. 2,692,507, Cl. 74—18.1.
 Steenson, William. 2,678,492, Cl. 30—307.
 Steenstrup, Carl H., and C. J. Falk, to the United States of America as represented by the Secretary of the Navy. 2,682,041, Cl. 340—11.
 Steever, Andrew B.: *See*—
 Norton, Charles L., Jr., and Steever. 2,688,046.
 Steeves, Martin E. 2,690,461, Cl. 260—729.
 Stefan, Edwin. 2,697,019, Cl. 311—103.
 Stefanakis, William H. 2,677,157, Cl. 20—55.
 Steffan, Joseph J., deceased; J. A. Steffan and D. H. Williams, coexecutors of J. J. Steffan. 2,678,843, Cl. 292—341.18.
 Steffan, Julius A., coexecutor: *See*—
 Steffan, Joseph J. 2,678,843.
 Steffenino, Giuseppe, Turin, Italy. Production of a continuous monolithic hollow member from heat weldable material. 2,665,735, Jan. 12.
 Steffens, Lester R.: *See*—
 Winn, Francis W., and Steffens.
 Stegeman, Henry J., assignor to The Locke Steel Chain Company. 2,676,032, Cl. 280—415.
 Stegeman, Henry J., assignor to The Locke Steel Chain Company. 2,677,224, Cl. 56—7.
 Stegeman, Raymond F. E.: *See*—
 Gay, Fred G., Jr., and Stegeman. 2,688,395.
 Stegeman, Raymond F. E., to Bausch & Lomb Optical Co. 2,688,135, Cl. 2—14.
 Stegmaier, Hermann: *See*—
 Capellazzi, Gildo, and Stegmaier. 2,680,344.
 Stehlik, Rudolph F., Antwerp, Belgium, assignor to Automatic Electric Laboratories Inc., Chicago, Ill. Sorting apparatus. 2,670,087, Feb. 23.
 Stehlin, Theodore A., Pasadena, Calif. Door closing mechanism. 2,666,944, Jan. 26.
 Stehlin, Theodore A., Upland, Calif., assignor to St-West, Inc., Carson City, Nev. Quick-acting shutoff valve having renewable valve seat. 2,670,173, Feb. 23.
 Stehlin, Theodore A., to St-West, Inc. 2,688,340, Cl. 137—630.14.
 Stehling, Chas. H., Company, assignee: *See*—
 Stehling, Ralph J.
 Stehling, Ralph J., assignor to Chas. H. Stehling Company, Milwaukee, Wis. Securement for hatch covers and the like. 2,665,161, Jan. 5.
 Stehman, Carlyle J., to Monsanto Chemical Co. 2,684,978, Cl. 260—465.3.
 Stehman, Carlyle J., to Monsanto Chemical Co. 2,688,034, Cl. 260—465.3.
 Steig, William, New York, N. Y. Gaming device. 2,665,915, Jan. 12.
 Steiger, Norbert, assignor to Hoffmann-La Roche Inc. 2,677,691, Cl. 260—306.
 Steiger, Norbert, to Hoffmann-La Roche, Inc. 2,692,881, Cl. 260—306.
 Steiger, Norbert, and O. Keller, assignors to Hoffmann-La Roche Inc. 2,676,970, Cl. 260—305.
 Stein, Charles F., to Pratt, Read & Co., Inc. 2,684,006, Cl. 84—467.
 Stein, Eberhard, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. 2,698,343, Cl. 260—544.
 Stein, Emanuel: *See*—
 Baracket, Albert J., and Stein. 2,686,833.
 Guichard, Jean. 2,693,212.
 Stein, Fritz O.: *See*—
 Nykwest, Clarence D., and Stein. 2,680,576.
 Stein, Herman M.: *See*—
 Brahm, Harry, and Stein. 2,691,175.

- Stein, Irving M., and A. J. Williams, Jr., Philadelphia, and F. F. Dern, Jr., Willow Grove, assignors to Leeds and Northrup Company, Philadelphia, Pa. Multirange measuring system. 2,673,136, Mar. 23.
- Stein, John E. 2,675,723, Cl. 81—15.
- Stein, Leo, Chicago, Ill. Luggage frame having locking hinge structure. 2,666,227, Jan. 19.
- Stein, Leonhard: *See*—
Ehrhart, Gustav, Ruschig, Stein, and Aumüller. 2,697,095.
- Stein, Martin: *See*—
Siegel, Philip G., and Stein. Re. 23,853.
- Stein, Robert A., and W. H. Robertson, to The Globe Industries, Inc. 2,682,779, Cl. 74—411.
- Stein, Romar E., to Gillfillan Bros., Inc. 2,684,410, Cl. 200—1.
- Stein, Werner, to Henkel & Cie., G. m. b. H. 2,696,500, Cl. 260—537.
- Stein, Werner, to Henkel & Cie., G. m. b. H. 2,696,501, Cl. 260—537.
- Stein, Werner, and H. Hartmann, to Henkel & Cie, G. m. b. H. 2,694,081, Cl. 260—413.
- Stein, Wilhelm, to Ernst Leitz, G. m. b. H. 2,687,028, Cl. 67—31.
- Stein, Wilhelm, Wetzlar (Lahn), and F. Gath, Altenkirchen ub. Weilburg, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Curtain shutter camera with flash synchronizing device. 2,664,796, Jan. 5.
- Stein, William R., Teaneck, and H. J. Hyde, Jr., Lyndhurst, N. J. Bookbinding. 2,671,912, Mar. 16.
- Stein, Wolfgang: *See*—
Decher, Siegfried, and Stein. 2,688,841.
Oestrich, Hermann, Decher, and Stein.
- Steinacker, Peter, and A. Böyng, Oelde (Westphalia), Germany. Countercurrent extraction centrifuge. 2,665,061, Jan. 5.
- Steinbauer, Othmar. 2,688,270, Cl. 84—275.
- Steinberg, Betty. 2,676,079, Cl. 312—67.
- Steinberg, George M., Baltimore, Md., assignor to the United States of America as represented by the Secretary of the Army. Synthesis of organic phosphates. 2,666,778, Jan. 19.
- Steinberg, Harold E.: *See*—
Klagges, Henry C., and Steinberg. 2,678,635.
- Steinberg, John C.: *See*—
Gray, Kenneth R., Crosby, and Steinberg. 2,675,297.
- Steinberg, Leon J., Baltimore, Md. Hydro pneumatic massager. 2,668,299, Feb. 9.
- Steinberg, Marvin D. 2,690,750, Cl. 128—305.
- Steinberg, Morris. 2,676,019, Cl. 273—141.
- Steinberg, Morris A.: *See*—
Wainer, Eugene, Steinberg, and Sibert. 2,698,221.
Wainer, Eugene, Steinberg, and Topinka. 2,681,847.
Wainer, Eugene, Steinberg, and Topinka. 2,681,848.
- Steinberg, Richard K., to International Business Machines Corp. 2,685,049, Cl. 315—166.
- Steinberg, Richard K., to International Business Machines Corp. 2,693,552, Cl. 315—168.
- Steinberg, Samuel. 2,680,290, Cl. 30—34.
- Steinbock, Edmund A., C. Armbricht, and E. A. Steinbock, Jr., said Armbricht and said Steinbock, Jr., to said Steinbock, Jr. 2,696,022, Cl. 18—30.
- Steinbock, Edmund A., Jr.: *See*—
Steinbock, Edmund A., Armbricht, and Steinbock. 2,696,022.
- Steinbrecker, Freddy, to George Gorton Machine Co. 2,695,588, Cl. 116—124.
- Steinbrecker, Freddy, and P. M. Henkes, assignors to George Gorton Machine Co., Racine, Wis. Engraving machine. 2,669,781, Feb. 23.
- Steinbruch, Robert: *See*—
Brunstrum, Lawrence C., and Steinbruch. 2,696,734.
- Steinecker, Anton, Maschinenfabrik A. G.: *See*—
Zeiler, Karl, and Lenz. 2,691,935.
- Steiner, Carl: *See*—
Longeval, Marcel E., and F. L. and C. Steiner. 2,694,453.
- Steiner, Charles S., to Swift & Co. 2,685,388, Cl. 222—200.
- Steiner, Charles S., to Swift & Co. 2,697,486, Cl. 159—3.
- Steiner, Ezekiel C. 2,692,621, Cl. 143—68.
- Steiner, Florence L.: *See*—
Longeval, Marcel E., and F. L. and C. Steiner. 2,694,453.
- Steiner, Frank J., assignor to Automatic Pump & Softener Corporation. 2,679,376, Cl. 251—58.
- Steiner, Gertrude, New York, N. Y. Brassière. 2,669,719, Feb. 23.
- Steiner, Klaus: *See*—
Wyss, Oswald F., and Steiner. 2,676,694.
- Steiner, Lajos, Neutral Bay, New South Wales, Australia. Locking device with slider. 2,666,242, Jan. 19.
- Steiner, Oscar. 2,686,075, Cl. 296—23.
- Steiner, Philip H., assignor of one-third to E. B. Gregg, San Francisco, Calif. Worm gearing. 2,669,128, Feb. 16.
- Steiner, Robert H.: *See*—
Seymour, Raymond B., Steiner, and Desch. 2,689,237.
- Steinert, Emil F., Williamsville, H. J. Bichsel, East Aurora, and M. Rebuffoni, Williamsville, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Twin arc welding system. 2,673,915, Mar. 30.
- Steinfeld, Julian S., Brooklyn, N. Y. Producing magnetic recording tape. 2,671,034, Mar. 2.
- Steinfurth, Louis, assignor to The National Screw & Manufacturing Company. 2,676,343, Cl. 10—6.
- Steinfurth, Louis, to The National Screw & Mfg. Co. 2,696,328, Cl. 221—225.
- Steingruber, George, deceased (by M. B. Steingruber, executrix). 2,693,623, Cl. 20—57.5.
- Steingruber, Minnie B.: *See*—
Steingruber, George. 2,693,623.
- Steinhardt, David W., assignor to The National Cash Register Company, Dayton, Ohio. Restoring used color-reactant record material for reuse. 2,669,503, Feb. 16.
- Steinhardt, David W., assignor to The National Cash Register Company, Dayton, Ohio. Eradication of marks from reactant record material. 2,672,396, Mar. 16.
- Steinke, Clayton E. 2,691,244, Cl. 46—214.
- Steinman, Robert, to Libbey-Owens-Ford Glass Co. 2,688,006, Cl. 260—29.6.
- Steinman, Robert, to Libbey-Owens-Ford Glass Co. 2,688,007, Cl. 260—29.6.
- Steinmayer, Alwin G., assignor to McGraw Electric Company, Milwaukee, Wis. Cutout and load break switch. 2,672,539, Mar. 16.
- Steinmetz, Theodore P.: *See*—
Raun, Milton A., and Steinmetz. 2,675,040.
- Steinmuller, L. & C., G. m. b. H.: *See*—
Brüning, Fritz, Veldgen, Becker, and Billig. 2,690,907.
- Steinschlaeger, Michael. 2,694,621, Cl. 23—209.4.
- Steinthal, Martin B., New York, N. Y. Sample carrier and display device. 2,670,843, Mar. 2.
- Steinthal, Martin B., New York, N. Y. Sample holder and display device. 2,670,844, Mar. 2.
- Steitz, Alfred, Jr., to Stanolind Oil and Gas Co. 2,684,985, Cl. 260—593.
- Steitz, Alfred, Jr., to Stanolind Oil and Gas Co. 2,690,995, Cl. 202—42.
- Steitz, Alfred, Jr., and R. H. Jacoby, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Purifying synthetic water-soluble carboxylic acids. 2,667,502, Jan. 26.
- Stekoll, Robert O. 2,694,548, Cl. 251—317.
- Stellin, Dominic V., Chicago, Ill. Tool for forming recesses and sockets of high torque strength. 2,673,359, Mar. 30.
- Stelmak, John P., to Radio Corp. of America. 2,697,189, Cl. 317—235.
- Stelter, Marvin G.: *See*—
Busack, Leonard W. H., and M. G. and W. W. P. Stelter.
- Stelter, Walter W. P.: *See*—
Busack, Leonard W. H., and M. G. and W. W. P. Stelter.
- Stelzel, Roderick W., to Bendix Aviation Corp. 2,690,826, Cl. 192—105.
- Stelzenmüller, Kurt. 2,685,061, Cl. 324—51.
- Stelzer, Alphonse C., assignor to Arco Manufacturing Corporation, Cincinnati, Ohio. Increasing the inductance of a loop antenna. 2,669,528, Feb. 16.
- Stelzer, Carl: *See*—
Körber, Kurt, Ritscher, Pollmann and Stelzer. 2,690,777.
- Stelzer, Earl E.: *See*—
Parker, Edwin D., and Stelzer. 2,687,893.
- Stelzer, William. 2,681,222, Cl. 265—63.
- Stelzer, William, Summit, and M. V. Groves, Hillside, assignors to Economy Faucet Company, Newark, N. J. Thermostatic control switch. 2,671,143, Mar. 2.
- Stem, Donald E. 2,694,223, Cl. 17—45.
- Stem-Marie, George J. 2,676,536, Cl. 101—141.
- Stemco Mfg. Co.: *See*—
Davidson, Thomas, and Cook. 2,684,113.
- Stemler, Ignatius J., to Chrysler Corp. 2,690,684, Cl. 74—477.
- Stempel, Arthur: *See*—
Aeschlimann, John A., and Stempel.
- Stempel, Laszlo M. 2,697,488, Cl. 164—43.
- Stemshorn, Walter U.: *See*—
Pipper, Arnold L., and Stemshorn.
- Steneman, Emil F. 2,684,876, Cl. 304—39.
- Stenger, Vernon A.: *See*—
Crummett, Warren B., and Stenger. 2,677,598.
- Stenger, William: *See*—
Shaffer, William H., and Stenger.
- Stenning, Luis C.: *See*—
Bayliss, Alan J., and Stenning. 2,689,950.
- Stenning, Luis C., to The General Electric Co. Ltd. 2,692,916, Cl. 179—15.
- Stepan Chemical Co., The: *See*—
Crepeau, Wilfred J., and Sullivan. 2,694,658.
- Stepanian, John. 2,692,606, Cl. 137—38.
- Stephan, Hallis N., Cleveland Heights, Ohio, assignor to The New Britain Machine Company, New Britain, Conn. Combined horizontal boring, drilling, and milling machine. 2,667,105, Jan. 26.
- Stephan, Hallis N., assignor to The New Britain Machine Company. 2,679,678, Cl. 29—26.
- Stephan, Hallis N., to The New Britain Machine Co. 2,686,283, Cl. 318—277.
- Stephan, John T., assignor to Monsanto Chemical Company. 2,675,336, Cl. 154—45.9.
- Stephanou, Stephan E.: *See*—
Asprey, Larned B., Penneman, and Stephanou. 2,681,923.

- Stephans, J. Larry, to International Projector Corp. 2,686,067, Cl. 285—161.
- Stephanson, Stephen C. 2,683,459, Cl. 129—41.
- Stephany, Albert R. 2,684,830, Cl. 251—333.
- Stephen, Charles R.: *See*—
Newton, George W., and Stephen. 2,677,370.
- Stephens-Adamson Mfg. Co.: *See*—
Landrey, Francis X. 2,687,798.
Moore, Chester C.
Renner, Elmer J.
Sinden, Alfred D. 2,696,312.
- Stephens, Charles D., San Antonio, Tex. Fishing rod and reel clamp. 2,667,713, Feb. 2.
- Stephens, Edward S.: *See*—
Schmitz, Cornelius J., and Stephens. 2,689,159.
- Stephens, Elwood E., assignee: *See*—
Sury, Francis P. 2,677,181.
- Stephens, Florence W.: *See*—
Talbot, Harry. 2,688,673.
- Stephens, Frank M., Jr., to Battelle Memorial Institute. 2,693,409, Cl. 75—1.
- Stephens, George V. 2,680,660, Cl. 311—33.
- Stephens, Joseph F., to Gustin-Bacon Mfg. Co. 2,695,855, Cl. 154—54.
- Stephens, Robert M., assignor to General Electric Company. 2,680,188, Cl. 219—29.
- Stephens, W. R., Investment Company, Inc., assignee: *See*—
Cottingham, Morrison.
- Stephens, William E., and G. P. Harnwell, assignors to the United States of America as represented by the Secretary of the Navy. 2,676,419, Cl. 35—10.2.
- Stephenson, John G.: *See*—
Hulstede, George E., and Stephenson.
- Stephenson, John G., assignor to the United States of America as represented by the Secretary of the Air Force. 2,678,395, Cl. 250—36.
- Stephenson, Paul A.: *See*—
Roshkind, Allan I., Stephenson, Rau, and Foster. 2,675,165.
- Stephenson, Paul A., Evanston, assignor to A. B. Dick Company, Chicago, Ill. Duplicator cylinder bearing. 2,670,679, Mar. 2.
- Stephenson, Verl J., assignor, by mesne assignments, to A. C. Palmer Construction Co. 2,676,224, Cl. 200—137.
- Stephenson, Walter H.: *See*—
Johnson, Charles N., Stephenson, and Nash. 2,679,200.
- Stepper, Rudolf, Seattle, Wash. Broom or brush holder. 2,666,221, Jan. 19.
- Sterilon Corporation, assignee: *See*—
Evans, Robert P.
- Steriss, John L. 2,697,395, Cl. 99—423.
- Sterling Drug Inc.: *See*—
Archer, Sydney. 2,681,353.
Archer, Sydney. 2,682,544.
Buck, Johannes S., and Clinton. 2,678,932.
Buck, Johannes S., and Lesuk. 2,685,601.
Cavallito, Chester J. 2,685,594.
Clinton, Raymond O. 2,686,187.
Clinton, Raymond O. 2,686,189.
Clinton, Raymond O., and Laskowski. 2,689,248.
Clinton, Raymond O., and Laskowski. 2,691,025.
Clinton, Raymond O., and Laskowski. 2,691,041.
Cutler, Royal A. 2,695,317.
Feldkamp, Roland F. 2,691,656.
Froelich, Ernest J. 2,681,343.
Hallock, Louis L. 2,681,365.
Hallock, Louis L. 2,691,676.
Hinkel, Emil T., Jr. 2,676,138.
Johnson, William S., and Clinton. 2,686,188.
Lakso, Eino E. 2,685,767.
Larsen, Aubrey A. 2,691,678.
Schoeffel, Eugene W. 2,696,424.
Surrey, Alexander R., and Cutler. 2,677,687.
Zimmermann, Frederick J.
- Sterling, Henley F.: *See*—
Mayer, Simon E., and Sterling. 2,695,380.
- Sterling Industries Ltd.: *See*—
Bucklur, Ronald W. 2,696,993.
- Sterling, James B., to Pan American World Airways, Inc. 2,688,289, Cl. 105—369.
- Sterling Manufacturing Company, assignee: *See*—
Nightingale, William J. 2,675,235.
- Sterling Mfg. Company, The, assignee: *See*—
Banus, Bernard R.
- Sterling, Raymond J., near La Habra, Calif. Bathtub liner. 2,671,907, Mar. 16.
- Sterling Steel Casting Co., assignee: *See*—
Rhine, Franklin E.
- Stern, Arthur B. 2,687,723, Cl. 128—169.
- Stern, Edward S.: *See*—
Hawkins, Edwin G. E., and Stern. 2,698,339.
- Stern, Edwin H., assignor to Acorn Tool & Mfg. Inc. 2,674,139, Cl. 77—63.
- Stern, George T. 2,694,514, Cl. 226—14.
- Stern, Kurt G. 2,680,816, Cl. 250—83.
- Stern, Lewis J.: *See*—
Slocum, Charles W., and Stern. 2,682,654.
- Stern, Max H.: *See*—
Cawley, John D., and Stern. 2,680,749.
- Stern, Robert M.: *See*—
Frieden, Alexander, Hoogerheide, and Stern. 2,694,011.
- Stern, William, Park Ridge, assignor to Illinois Tool Works, Chicago, Ill. Slotting saw. 2,669,007, Feb. 16.
- Stern, William, Park Ridge, assignor to Illinois Tool Works, Chicago, Ill. Thread rolling apparatus. 2,672,774, Mar. 23.
- Stern, William, to Illinois Tool Works. 2,685,697, Cl. 10—5.
- Sternad, Frank S.: *See*—
Sapp, John P., and Sternad. 2,679,885.
Sapp, John P., and Sternad. 2,679,886.
- Sternad, Frank S., and J. P. Sapp, assignors to The B. F. Goodrich Company. 2,679,884, Cl. 154—9.
- Sternbeck, Olaf: *See*—
Backmark, Nils E. G., and Sternbeck. 2,679,610.
- Sternbergh, James H., Sr., deceased, by Berks County Trust Co., executor, to American Die & Tool Co. 2,696,764, Cl. 90—59.
- Sterne, Alfred B. 2,678,710, Cl. 192—61.
- Sterne, Frank. 2,695,173, Cl. 273—102.2.
- Sterner, Allan B. 2,675,980, Cl. 248—117.4.
- Sterner, Bernard. 2,676,829, Cl. 292—335.
- Sternfield, George L., and M. W. Block, Chicago, Ill. Disposable cleansing tissue. 2,665,528, Jan. 12.
- Sterrett, Charles C.: *See*—
Johnson, John S., Sterrett, and Garber.
- Steuber, Elmer G.: *See*—
Fears, William A., and Steuber. 2,684,273.
- Steuer, Werner, and M. Rang, assignors of $\frac{1}{2}$ to U. G. I. Kohn. 2,679,101, Cl. 32—27.
- Steuerman, Marek. 2,683,429, Cl. 110—175.
- Steuerman, Sergey, New York, N. Y. Vibrator device. 2,667,749, Feb. 2.
- Steven, Horace K. B., Culbertson County, Tex. Water bag carrier for vehicles. 2,672,264, Mar. 16.
- Steven, Ivan C. 2,680,567, Cl. 238—14.
- Steven, Ray L. 2,693,793, Cl. 126—263.
- Stevens-Arnold Inc., assignee: *See*—
Reifel, Harry. 2,675,440.
- Stevens, Charles H., assignor, by mesne assignments, to Whitney Blake Company. 2,677,115, Cl. 339—60.
- Stevens, Charles H., Jr. 2,680,225, Cl. 323—74.
- Stevens, Clinton E. 2,679,338, Cl. 222—542.
- Stevens, Dillen, H. T. M. Rice, and R. T. Stevens; said Rice and said R. T. Stevens to said D. Stevens. 2,691,314, Cl. 81—52.4.
- Stevens, Donald R., to Gulf Research & Development Co. 2,696,428, Cl. 44—63.
- Stevens, Donald R., Wilkinsburg, and S. C. Camp, Richland Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Stabilization of phenol alkylates. 2,673,834, Mar. 30.
- Stevens, Emerson W., to Bell Aircraft Corp. 2,694,458, Cl. 170—159.
- Stevens, Frederic B., Incorporated, assignee: *See*—
Kirkpatrick, Arthur H.
- Stevens, Frederick: *See*—
Rhoades, Rex V., Keene, and Stevens. 2,688,726.
- Stevens, Harm F. 2,691,969, Cl. 123—41.77.
- Stevens, Henry C., and F. E. Kung, assignors, by mesne assignments, to Columbia-Southern Chemical Corporation. 2,680,109, Cl. 260—78.3.
- Stevens, Herbert H., Jr., assignor to Walter Balfour & Co., Inc., New York, N. Y. Combined brake and clutch for motor drives. 2,670,065, Feb. 23.
- Stevens, Hilbert L., assignor to Armstrong Cork Company, Lancaster, Pa. Trowelable synthetic rubber adhesives. 2,673,845, Mar. 30.
- Stevens, Horace D. 2,686,015, Cl. 242—56.
- Stevens, Horace D., and H. H. Waters, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Automatic measuring and cutting ply feeder. 2,665,757, Jan. 12.
- Stevens, Howard C., Jr.: *See*—
Bannister, Harold V., and Stevens. 2,681,205.
- Stevens, J. P., & Co., Inc.: *See*—
Winslow, Albert E., and Bradshaw. 2,689,448.
Winslow, Albert E., and Bradshaw. 2,694,896.
- Stevens, Louis M., to Camden Bag and Paper Co. 2,696,943, Cl. 229—43.
- Stevens Mfg. Co., Inc.: *See*—
Bletz, Edward. 2,692,317.
- Stevens, Martin L.: *See*—
Kaman, Charles H., and Stevens. 2,695,674.
- Stevens, Myron B., Bethesda, Md., assignor to the United States of America as represented by the Secretary of the Army. Telescopic structure. 2,671,680, Mar. 9.
- Stevens, Nichols, Chicago, Ill. Hole sealing device. 2,673,002, Mar. 23.
- Stevens, Philip G., assignor to General Aniline & Film Corporation. 2,680,743, Cl. 260—296.
- Stevens, Raymond K. P., and M. Cox, assignors to Power Jets (Research and Development) Limited. 2,678,193, Cl. 257—6.
- Stevens, Robert. 2,693,962, Cl. 273—145.
- Stevens, Robert H., Detroit, Mich. High-frequency antenna system. 2,673,931, Mar. 30.
- Stevens, Robert T.: *See*—
Stevens, Dillon, Rice, and Stevens. 2,691,314.
- Stevens, Roderick G. 2,685,146, Cl. 43—129.

- Stevens, Roy R., Forest Hills, Pa., assignor to Westinghouse Air Brake Company. Fluid pressure engine compounding and speed control apparatus. 2,666,295, Jan. 19.
- Stevens, Roy R., Forest Hills, Pa., assignor to Westinghouse Air Brake Company. Fluid pressure control apparatus for rotary well drilling equipment. 2,672,222, Mar. 16.
- Stevens, Sallie K. 2,686,231, Cl. 179—156.
- Stevens, Sydney A., and E. A. Sheppard, King's Cross, London, assignors to Westinghouse Brake and Signal Company Limited, London, England. Reflector for the production of light beams. 2,673,288, Mar. 23.
- Stevens, Whitney W., Kamloops, British Columbia, Canada. Multiple saw equipment for traveling-saw sawmills. 2,669,262, Feb. 16.
- Stevenson, Cary H., assignor to Lindberg Engineering Company. 2,674,638, Cl. 13—29.
- Stevenson, Cary H., assignor to Lindberg Engineering Company. 2,674,639, Cl. 13—29.
- Stevenson, Edward E., to United States Steel Corp. 2,685,258, Cl. 103—225.
- Stevenson, Evan H., Fergus, Ontario, Canada. Clothes ironing machine. 2,669,046, Feb. 16.
- Stevenson, Evan H., to Beatty Bros. Ltd. 2,688,241, Cl. 68—134.
- Stevenson, James R.: *See*—
Brock, Harold L., and Stevenson.
- Stevenson, Ralph W., assignor, by mesne assignments, to Metal Carrier Corporation, Grand Rapids, Mich. Bottle carrier. 2,673,658, Mar. 30.
- Stevenson, Robert, assignor to Anco, Inc. 2,676,612, Cl. 137—489.
- Stevenson, Robert, assignor to Merit Engineering, Inc. 2,679,854, Cl. 137—102.
- Stevenson, Robert, to Anco, Inc. 2,684,684, Cl. 137—199.
- Stevenson, Robert L., Overland Park, Kans. Automobile lighting control system switch. 2,672,531, Mar. 16.
- Stevenson, Wade, assignee: *See*—
Clark, Frederick G.
Clark, Frederick G. 2,677,294.
- Stevenson, William A.: *See*—
Lund, William E. 2,694,435.
- Steverlynck, Boudewijn R. J., assignor to "Groeninghe Ververij P. V. B. A." (Société de Personnes à Responsabilité Limitée). 2,675,194, Cl. 242—118.
- Stewart, Arthur L., Brighton, and L. O. Carlsen, assignors to Gleason Works, Rochester, N. Y. Machine and method for producing gears. 2,667,818, Feb. 2.
- Stewart, C. T.: *See*—
McBride, John L. 2,682,422.
- Stewart, Carlton D., Pittsburgh, Pa., assignor to Westinghouse Air Brake Company. Fluid pressure brake apparatus. 2,672,375, Mar. 16.
- Stewart, Charles L., and E. F. Aldrich, Chicago, Ill. Windshield wiper. 2,668,726, Feb. 9.
- Stewart, Charles W.: *See*—
Whitworth, Fairchild, and Stewart. 2,693,701.
- Stewart, Douglas M., to Standard Oil Development Co. 2,697,988, Cl. 103—232.
- Stewart, Earl, 2,680,248, Cl. 4—57.
- Stewart, Elliott W., Chicago, Ill., assignor to Associated Spring Corporation, Bristol, Conn. Manufacturing helical coil compression springs. 2,666,723, Jan. 19.
- Stewart, Fred L., and M. H. Terry, Columbus, Ohio. Endless article-carrying and storing system. 2,673,779, Mar. 30.
- Stewart, Gilbert D., to Ex-Cell-O Corp. 2,691,312, Cl. 77—3.
- Stewart, Gilbert H., Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Two-phase motor control. 2,671,877, Mar. 9.
- Stewart, Grover C.: *See*—
Miller, Edward B., and Stewart. 2,692,160.
- Stewart, Henry P., New York, N. Y. Animated doll. 2,669,064, Feb. 16.
- Stewart, Henry R., Thornhill, Ontario, assignor to Allanson Armature Manufacturing Company, Limited, Toronto, Ontario, Canada. Convertible transformer. 2,668,947, Feb. 9.
- Stewart, Herbert E.: *See*—
Gamet, Kenneth S., and Stewart. 2,693,394.
- Stewart, Herman V. D.: *See*—
Salvatori, Henry, and Stewart. 2,695,771.
- Stewart, Jack L., to The Gabriel Co. 2,697,785, Cl. 250—33.
- Stewart, Jerry W. 2,674,057, Cl. 43—20.
- Stewart, John A.: *See*—
Capell, Robert G., Ridenour, and Stewart. 2,692,835.
Capell, Robert G., Ridenour, and Stewart. 2,694,014.
- Stewart, John A. 2,677,207, Cl. 42—74.
- Stewart, Joseph: *See*—
Bartlett, Jeffrey H., Knoth, and Stewart. 2,693,493.
Tegge, Bruce R., Carlson, and Stewart.
- Stewart, Joseph, and T. H. Hakala, assignors to Standard Oil Development Company. 2,676,995, Cl. 260—643.
- Stewart, Lawrence E., University City, Mo. Disposable cooking utensil. 2,673,003, Mar. 23.
- Stewart, Meredith M., to Johns-Manville Corp. 2,686,161, Cl. 252—448.
- Stewart, Merritt G., and C. A. Macomic, to Patent Development Corp. 2,686,680, Cl. 276—9.
- Stewart, Peter J. 2,675,368, Cl. 250—65.
- Stewart, Peter J., and N. Z. Alcock, assignors to Isotope Products Limited. 2,675,479, Cl. 250—65.
- Stewart Products Corp.: *See*—
Keefe, Lincoln M. 2,688,391.
- Stewart, Victor M. 2,693,208, Cl. 141—27.
- Stewart-Warner Corp.: *See*—
Bell, William R. 2,685,101.
Collins, Arthur R., Ryder, and Randall. 2,691,710.
Gross, Irving A. 2,698,380.
Leslie, John H., II, and Allen. 2,691,413.
Luna, Jose L., and Paradise. 2,690,321.
Petroff, Merlin.
Petroff, Merlin O. 2,695,516.
Petroff, Merlin O. 2,696,592.
Reinsma, Jack R. 2,683,012.
Schweisthal, Frederick G., and Stock. 2,696,277.
Spiro, Spero J. 2,692,343.
Winkler, Herman E., and M. F.
- Stewart, William D., assignor to The B. F. Goodrich Company. 2,678,878, Cl. 71—26.
- Stewart, William T.: *See*—
Goldschmidt, Alfred, Stewart, and Harle. 2,687,378.
- Stewart, William T., assignor to California Research Corporation. 2,680,097, Cl. 252—42.7.
- Stewart, William T., Berkeley, C. D. Newman, San Pablo, and N. W. Furby, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Transformer oils. 2,672,445, Mar. 16.
- Stewart, William T., Berkeley, C. D. Newman, San Pablo, and N. W. Furby, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Oxidation resistant transformer oils and the like. 2,672,447, Mar. 16.
- Stewart, William T., and A. Goldschmidt, and O. L. Harle, to California Research Corp. 2,687,377, Cl. 252—51.5.
- Stewart, Wilson M., Ottawa, Ontario, Canada. Coin-controlled actuator. 2,666,514, Jan. 19.
- Stewart, Wilson M., Ottawa, Ontario, Canada. Coin hopper. 2,669,337, Feb. 16.
- Stewart, Wilson M. 2,678,251, Cl. 312—97.1.
- Stewarts & Lloyds Ltd.: *See*—
Bott, Hugh R., and Spiers. 2,687,999.
Kressman, Theodore R. E., and Spiers. 2,688,000.
- Stibbe, G., & Co. Ltd.: *See*—
Brown, Albert M., and Stibbe. 2,691,285.
Brown, Albert M., and Stibbe. 2,697,337.
- Stibbe, Godfrey D.: *See*—
Brown, Albert M., and Stibbe. 2,691,285.
Brown, Albert M., and Stibbe. 2,697,337.
- Stibitz, George R., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic calculator. 2,666,579, Jan. 19.
- Stibitz, George R., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Complex computer. 2,668,661, Feb. 9.
- Stich, Karl. 2,697,832, Cl. 2—87.
- Stichler, Hoy L.: *See*—
Pollock, Earl S., Groff, McFarland, and Stichler. 2,683,447.
- "Stichting tot Instandhouding van het Centraal Laboratorium van de Bloedtransfusiedienst van het Nederlandse Rode Kruis": *See*—
Van Loghem, Johannes J. 3,797,818.
- Stichting voor Fundamenteel Onderzoek der Materie: *See*—
Van Dijk, Willem J. D. 2,695,367.
- Stickelber and Sons, Inc.: *See*—
Duffy, Lyle G. 2,687,698.
- Stickney, George H., to Ford Motor Co. 2,691,964, Cl. 121—46.5.
- Stickney, Michael E.: *See*—
Madsen, Royal G., Stickney, and Hawes. 2,698,410.
- Stiebel, Theodor, Holzminden, Germany. Electric controller for heating elements. 2,666,836, Jan. 19.
- Stiebel, Theodor H. F. 2,694,768, Cl. 219—39.
- Stiebling, Ewald: *See*—
Jacob, Eugen, Kolling, Stiebling, and Hagemann. 2,688,035.
- Stieg, William E., and A. T. Nielsen, to Chas. Pfizer & Co., Inc. 2,693,435, Cl. 167—81.
- Stiegle, Kark E. 2,689,450, Cl. 59—79.
- Stiegler, Elwood A.: *See*—
Kuechenmeister, Gustav A., Wikle, and Stiegler. 2,678,678.
- Stiegler, Frank A. 2,687,302, Cl. 273—58.
- Stieglitz, Henry C., assignor to Thompson Products, Inc., Cleveland, Ohio. Index corrector. 2,669,911, Feb. 23.
- Stieglitz, Henry M., assignor to Frank Adam Electric Company. 2,674,666, Cl. 200—50.
- Stieltjes, Frederik H., Eindhoven, Netherlands, assignor to The International Standard Electric Corporation, New York, N. Y. Balancing of carrier cables. 2,673,895, Mar. 30.
- Stieltjes, Frederik H., assignor to The International Standard Electric Corporation. 2,675,428, Cl. 179—78.
- Stieltjes, Frederik H., to International Standard Electric Corp. 2,696,526, Cl. 179—78.
- Stienen, Ernest A. 2,686,977, Cl. 34—104.
- Stievater, Willard C., Tonawanda, N. Y. Spray forming shower tube. 2,665,171, Jan. 5.
- Stiff, Daniel P., assignor to United States Steel Corporation. 2,676,755, Cl. 235—92.

- Stikleather, Robert M., to Aerofin Corp. 2,696,882, Cl. 164—61.
- Stilbert, Elmer K., Jr., I. J. Cummings, and W. B. Guerant, to The Dow Chemical Co. 2,684,953, Cl. 260—17.3.
- Stile, George A. 2,674,102, Cl. 62—100.
- Stiles, Alan R., to Shell Development Co. 2,685,552, Cl. 167—22.
- Stiles, Harry L. 2,675,458, Cl. 219—35.
- Stiles, Henry S.: *See—*
Conrad, Louis J., and Stiles. 2,692,201.
- Stiles, Lloyd C., and R. A. Davis, Birmingham, Ala., assignors to Chicago Bridge and Iron Company. Supporting column. 2,668,607, Feb. 9.
- Stiles, Mervin, Spokane, Wash. Crankshaft grinder. 2,670,580, Mar. 2.
- Stiles, Morrison N.: *See—*
Leekley, Robert M., and Stiles. 2,684,909.
- Still, Conway L., assignor to The Springs Cotton Mills, Inc. 2,675,601, Cl. 28—72.6.
- Stille, Gunnar V., and N. H. Lindblom, to Stockholms Bageriaktiebolag. 2,695,699, Cl. 198—19.
- Stiller, Benjamin, Akron, Ohio. Self-closing container. 2,667,906, Feb. 2.
- Stillman, Eloise B., executrix: *See—*
Stillman, Thomas B., and Mason.
- Stillman, Thomas B., deceased (E. B. Stillman, executrix), South Orange, and J. A. Mason, Maplewood, N. J. Burner throat with air inlet annulus defined by internally bladed cone. 2,669,296, Feb. 16.
- Stillwagon, Crawford K. 2,679,441, Cl. 309—4.
- Stillwell, Peter F. T. C.: *See—*
Harker, Maurice G., Smith, and Stillwell. 2,675,469.
- Stilwell, Glenn E., Riverside, assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Machine for making hexagonal boxes. 2,669,715, Feb. 23.
- Stimler, Saul, Brooklyn, N. Y., assignor to Westinghouse Air Brake Company. Transformer voltage regulating arrangement. 2,673,321, Mar. 23.
- Stimpson, Edwin G., Sayville, assignor to National Dairy Research Laboratories, Inc., Oakdale, N. Y. Frozen concentrated milk products. 2,668,765, Feb. 9.
- Stimpson, Edwin G., to National Dairy Research Laboratories, Inc. 2,681,858, Cl. 99—55.
- Stimpson, Edwin G., to National Dairy Research Laboratories, Inc. 2,693,440, Cl. 195—65.
- Stimson Lumber Co.: *See—*
Frost, Orcutt W. 2,693,135.
- Frost, Orcutt W., and Tower. 2,680,995.
- Stimson, Percy G.: *See—*
Davidson, John T., and Stimson. 2,683,599.
- Stinchfield, John C., and F. Kaulakis, to S. D. Warren Co. 2,685,538, Cl. 117—155.
- Stinchfield, John C., and F. Kaulakis, to S. D. Warren Co. 2,685,571, Cl. 260—8.
- Stindt, Frederick. 2,681,152, Cl. 210—70.
- Stine, Harrison M.: *See—*
Faris, Robert B., Jr., Hardman, Stine, and Fink. 2,677,271.
- Hughes, Everett C., and Stine.
- Strecker, Harold A., and Stine.
- Stine, Harrison M., Lyndhurst, assignor to The Standard Oil Company, Cleveland, Ohio. Beryllia regeneration of iron-poisoned cracking catalysts. 2,673,187, Mar. 23.
- Stine, Harry R., assignor, by mesne assignments, to Nescor, Inc. 2,679,878, Cl. 150—48.
- Stiner, Fred H. 2,681,676, Cl. 146—182.
- Stingl, Joseph, and H. Luckas, to The Ferris Mfg. Co. 2,697,647, Cl. 312—267.
- Stingle, Clarence O.: *See—*
Stingle, Sylvester E. and C. O. 2,694,534.
- Stingle, Sylvester E. and C. O. 2,694,534, Cl. 242—68.
- Stiranka, John A., assignor to American Forge and Manufacturing Company, Pittsburgh, Pa. Ratchet turn-buckle. 2,673,632, Mar. 30.
- Stirn, Frank E.: *See—*
Taylor, Arthur S., and Stirn. 2,674,073.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co. 2,690,038, Cl. 53—10.5.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co. 2,697,314, Cl. 53—10.5.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co. 2,697,315, Cl. 53—10.5.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co. 2,697,317, Cl. 53—89.5.
- Stirn, Howard F.: *See—*
Lewis, Dartrey, and Stirn. 2,683,207.
- Stirrup, Frank A. 2,689,675, Cl. 226—20.8.
- Stiteler, William M., Camp Hill, Pa. Fisherman's fly box. 2,669,799, Feb. 23.
- Stites, Francis H., and C. E. Arnold, to Sylvania Electric Products Inc. 2,688,664, Cl. 179—171.
- Stivason, William L., Hamilton Square, N. J., and H. Barnard, Houston, Tex., assignors to The Whitehead Brothers Rubber Company, Trenton, N. J. Flexible hose. 2,670,762, Mar. 2.
- Stivender, Paul M., to General Motors Corp. 2,697,174, Cl. 290—4.
- Stöa, Odvar E. 2,688,143, Cl. 7—14.6.
- Stobb, Anton R., Union Township, Hunterdon County, N. J., assignor to Western Printing and Lithographing Company, Racine, Wis. Automatic book casemaking machine. 2,667,909, Feb. 2.
- Stock, Arthur J. 2,694,497, Cl. 214—17.
- Stock, Ernest G.: *See—*
Schweisthal, Frederick G., and Stock. 2,696,277.
- Stockar, Klaus: *See—*
Jaccard, Gaston, and Stockar. 2,695,892.
- Stockdale, Charles H., Springfield, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reinforced combustion chamber construction. 2,672,728, Mar. 23.
- Stocker, Eugene E. 2,686,615, Cl. 222—106.
- Stocker, Helen E., and A. V. de Molin. 2,677,481, Cl. 222—83.5.
- Stockett, Wiley T., Jr.: *See—*
Graham, Robert D., and Stockett. 2,684,089.
- Stockett, Wiley T., Jr., and S. D. Allen; said Allen assor. to said Stockett. 2,688,285, Cl. 103—38.
- Stockholms Bageriaktiebolag: *See—*
Stille, Gunnar V., and Lindblom. 2,695,699.
- Stockinger, Paul P., to Bendix Aviation Corp. 2,689,455, Cl. 60—39.28.
- Stockstill, George H.: *See—*
Spiers, Rupert H., and Stockstill. 2,693,176.
- Stockton, Raymond F. 2,684,087, Cl. 140—112.
- Stoddard, Daniel F. 2,693,028, Cl. 30—121.
- Stoddard, Duncan H. 2,687,894, Cl. 280—41.
- Stoddard, Edgar S., Berwyn, Ill., assignor to General Electric Company. Washing dishes or the like. 2,671,037, Mar. 2.
- Stoddard, Edgar S., assignor to General Electric Company. 2,678,051, Cl. 134—58.
- Stoddard, Glen W., Grant Township, Tama County, Iowa. Corn husking machine having combination picking and husking rolls. 2,668,543, Feb. 9.
- Stoddard, Adam T.: *See—*
Leypoldt, Harry R., and Stoddard.
- Stoeckel, Albert L., to Weam Equipment Corp. 2,684,694, Cl. 140—6.
- Stoeckicht, Wilhelm G. 2,695,697, Cl. 192—88.
- Stoeckle, Harry E.: *See—*
Moyer, Robert P., and Stoeckle. 2,696,358.
- Stoekel, Johannes: *See—*
Wickardt, Kurt W., and Stoekel. 2,680,364.
- Stoelting Brothers Company, assignee: *See—*
Detjen, Edgar W.
- Stoelting, Herman O., Milwaukee, and C. W. Petersen, Wauwatosa, assignors to McGraw Electric Company, Milwaukee, Wis. Expulsion type arrester. 2,668,255, Feb. 2.
- Stoertz, Howard, assignor to The Electric Storage Battery Company. 2,678,340, Cl. 136—65.
- Stoertz, Howard, assignor to The Electric Storage Battery Company. 2,678,341, Cl. 136—65.
- Stofen, Kenneth A. 2,682,568, Cl. 136—177.
- Stofer, Willard E.: *See—*
Heller, Herman S., and Stofer.
- Stoffel, Paul J.: *See—*
Beaver, David J., Stoffel, and Shumard. 2,678,302.
- Stoffel, Paul J., Florissant, assignor to Monsanto Chemical Company, St. Louis, Mo. Halogen substituted dihydroxy diaryl methanes. 2,671,813, Mar. 9.
- Stohn, Kendall R., Lubbock, Tex. Junk basket well tool. 2,670,800, Mar. 2.
- Stohn, Kendall R. 2,687,323, Cl. 294—96.
- Stokes, Agnes M.: *See—*
Stokes, Howard K. and A. M.
- Stokes, Charles A., Wellesley Hills, assignor to Godfrey L. Cabot Inc., Boston, Mass. Producing carbon black and synthesis gas. 2,672,402, Mar. 16.
- Stokes, F. J., Machine Co.: *See—*
Saalfrank, Royal B. 2,682,080.
- Stokes, Howard K. and A. M., Allenhurst, N. J. Dish-washing machine. 2,664,904, Jan. 5.
- Stoker, James E., and D. L. Messenger. 2,695,403, Cl. 340—321.
- Stokes, Jefferson A., Richmond, Va., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Bonding regenerated cellulose to rubber and an adhesive finish for the purpose. 2,671,042, Mar. 2.
- Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Core barrel assembly. 2,668,037, Feb. 2.
- Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Coring apparatus. 2,671,642, Mar. 9.
- Stokes, John C. 2,684,851, Cl. 273—106.5.
- Stokes, John C., to Reed Roller Bit Co. 2,691,302, Cl. 73—151.
- Stokes, Richard P.: *See—*
West, George T., Winters, Odell, and Stokes. 2,687,110.
- Stokes, Warren W.: *See—*
Segelhorst, August L., and Stokes. 2,685,891.
- Stokmans, Albertus L. J. M., to Hartford National Bank and Trust Co. 2,698,396, Cl. 310—156.
- Stolberg, William G., to ACF Industries, Inc. 2,685,299, Cl. 137—246.22.
- Stoleson, Stephen T. 2,683,642, Cl. 312—244.
- Stolk, William G., Riverside, assignor of one-third to L. E. Spotswood, La Grange, one-sixth to R. J. Newman, Brookfield, and one-sixth to F. W. Anderson, Berkeley, Ill. Heated scraping tool. 2,673,395, Mar. 30.
- Stoll, Alice M.: *See—*
Hardy, James D., Richards, and Stoll. 2,685,795.
- Stoll, Arthur, Arlesheim, and T. Petrzilka, assignors to Sandoz A. G., Basel, Switzerland. Piperazines of the lysergic acid series. 2,673,850, Mar. 30.

- Stoll, Richard, 2,694,879, Cl. 43—122.
 Stoll, Willy, and C. J. Morel, to J. R. Geigy A. G. 2,686,816, Cl. 260—618.
 Stolle, Anthony D.: See—
 Gallagher, William P., and Stolle.
 Stoller, Benjamin B., to Pabst Brewing Co. 2,698,275, Cl. 195—71.
 Stolp, William J.: See—
 Philibosian, Stephen, Rowe, and Stolp. 2,678,522.
 Rowe, Oliver R., and Stolp. 2,679,996.
 Stoltz, Charles E., to Goodman Mfg. Co. 2,686,399, Cl. 60—30.
 Stoltz, James F., to Western Electric Co., Inc. 2,685,217, Cl. 80—52.
 Stolz, Elmer M. 2,682,180, Cl. 76—101.
 Stolze, Ralph T.: See—
 Clark, Frank W., and Stolze.
 Stone, Albert J.: See—
 Gardner, Owen M., and Stone.
 Stone, Albert L., assignor to Byron Jackson Co. 2,674,034, Cl. 29—236.
 Stone, Albert L., assignor, by mesne assignments, to Standard Oil Development Company. 2,676,075, Cl. 309—4.
 Stone, Albert L., to Standard Oil Development Co. 2,685,378, Cl. 214—152.
 Stone, Albert L., to Byron Jackson Co. 2,695,770, Cl. 254—190.
 Stone, Albert L., and R. R. Wood, to Byron Jackson Co. 2,682,102, Cl. 29—236.
 Stone, Arthur P., to The Wright Tool and Forge Co. 2,685,355, Cl. 192—44.
 Stone, Burnham E., assignor to The International Electronics Company, Philadelphia, Pa. Control mechanism for equipment for handling elongated records. 2,665,855, Jan. 12.
 Stone, Burnham E., assignor to The International Electronics Company, Philadelphia, Pa. Reversible drive control for tape record feeding mechanisms. 2,666,593, Jan. 19.
 Stone, Carl R.: See—
 Fredrickson, Edward A., and Stone. 2,675,017.
 Stone, Donald D., Flint, Mich., assignor, by mesne assignments, to Willys Motors, Inc., Toledo, Ohio. Power take-off mechanism and drive therefor. 2,672,056, Mar. 16.
 Stone, Dorothy G. 2,684,110, Cl. 155—126.
 Stone, Elizabeth R. 2,697,835, Cl. 2—199.
 Stone, Guthrie B. 2,675,905, Cl. 198—121.
 Stone, H. N., assignor to Norton Company, Worcester, Mass. Gas heater. 2,670,425, Feb. 23.
 Stone, H. N., assignor to Norton Company, Worcester, Mass. Gas heater. 2,670,426, Feb. 23.
 Stone, Jack A.: See—
 Eberhard, Alois. 2,689,761.
 Stone, John, to Warren Webster & Co. 2,697,813, Cl. 323—79.
 Stone, John R.: See—
 Lebedeff, Yurii E., Klein, and Stone. 2,695,228.
 Stone, John R., to Bell Telephone Laboratories, Inc. 2,694,174, Cl. 322—32.
 Stone, Leland G., assignor to International Telephone and Telegraph Corporation. 2,674,016, Cl. 20—56.1.
 Stone, Leonard: See—
 Van Lanen, James M., Smiley, and Stone.
 Stone Mfg. Co.: See—
 Austin, Merritt B., Jr. 2,688,073.
 Stone, Melvin L., assignor to General Electric Company, patent dedicated to the public insofar as it relates to lamps and lamp parts. 2,677,118, Cl. 339—144.
 Stone, Natalie G.: See—
 Gordon, Melvin J. 2,680,852.
 Stone, Richard E., Cocoa, Fla. Trocar. 2,667,682, Feb. 2.
 Stone, Roy A., to National Lock Co. 2,689,370, Cl. 16—163.
 Stone, Sidney J., Lyndhurst, Ohio. Two-part hospital obstetrical table. 2,670,999, Mar. 2.
 Stone, Spencer A., and D. A. Weber, to The Deister Concentrator Co. 2,681,751, Cl. 222—212.
 Stone, Swen H.: See—
 Svenson, Ernest J., and Stone. 2,674,850.
 Stone, Walter V. 2,687,573, Cl. 32—63.
 Stone & Webster Engineering Corp.: See—
 Chambers, John M. 2,695,867.
 Kirkpatrick, Alton. 2,697,790.
 Rousseau, William C. 2,683,110.
 Schutt, Hermann C.
 Stone, William A., assignor to Mathieson Chemical Corporation. 2,678,922, Cl. 252—187.
 Stoneman, Alan C., San Marino, assignor to Purex Corporation, Ltd., South Gate, Calif. Vacuum neutralization of detergents. Re. 23,774, Jan. 12.
 Stoneman, Alan C., and C. Davidson, assignors to Purex Corporation, Ltd. 2,679,331, Cl. 215—73.
 Stoner, Arthur M., to The Jacobs Mfg. Co. 2,684,856, Cl. 279—61.
 Stoner, Eugene M.: See—
 Wilson, Robert K., and Stoner. 2,696,967.
 Stoner, Eugene M., to Protair Corp. 2,681,718, Cl. 192—139.
 Stoner, Frank H., to Monroe Auto Equipment Co. 2,682,975, Cl. 222—108.
 Stoner, Harold B., and R. W. Angert, Cincinnati, Ohio. Spreading implement. 2,670,491, Mar. 2.
 Stoner-Mudge, Inc., assignee: See—
 Gray, Daniel M., and Reymann. 2,675,334.
 Schultz, Arthur C.
 Stoner, Robert A., to California Research Corp. 2,691,629, Cl. 252—8.5.
 Stonestreet, George A., assignor to T. Wall & Sons Limited. 2,674,100, Cl. 62—2.
 Stonestreet, Purl J., Cuyahoga Falls, Ohio. Animal trap. 2,667,715, Feb. 2.
 Stookey, Stanley D., to Corning Glass Works. 2,682,134, Cl. 49—92.
 Stookey, Stanley D., to Corning Glass Works. 2,684,911, Cl. 106—52.
 Stooksberry, Walter W., to Kent-Moore Organization, Inc. 2,691,824, Cl. 33—66.
 Stoops, Forrest D., to Phillips Petroleum Co. 2,695,325, Cl. 260—683.5.
 Stoors, Wellington L., Oakland, Calif. Cyclone pump. 2,671,405, Mar. 9.
 Stop-Fire, Inc.: See—
 Lobos, Zbigniew J. 2,694,094.
 Nurkiewicz, Ignatius. 2,675,941.
 Stopper, Charles A., to Diamond Paper & Box Co. 2,693,310, Cl. 229—52.
 Stora Kopparbergs Bergslags Aktiebolag, assignee: See—
 Cederquist, Karl Nicolaus.
 Östlund, Karl B. 2,675,133.
 Storch, Harold A., to Evans Products Co. 2,693,153, Cl. 105—368.
 Stork, Eduard H. J., Nashville, Ill. Folding sawhorse. 2,673,765, Mar. 30.
 Storer, Ben W., Jr.: See—
 Hampe, George W., and Storer. 2,676,208.
 Storer, John E., Jr., and W. G. Livezey, to General Motors Corp. 2,689,488, Cl. 74—710.5.
 Storer, John E., Jr., W. G. Livezey, and E. A. Richards, to General Motors Corp. 2,689,489, Cl. 74—710.5.
 Storey, Clifford G., assignor to Perfect Circle Corporation, Hagerstown, Ind. Gauge. 2,664,638, Jan. 5.
 Stork, Minnie R.: See—
 Holmes, Davis F., and Stork.
 Storkline Furniture Corporation, assignee: See—
 Goodman, Gilbert S. 2,678,219.
 Storm, Albert P., assignor to Westinghouse Electric Corporation. 2,678,983, Cl. 200—148.
 Storm, Herbert F.: See—
 Cohen, Robert, Storm, and Ker. 2,682,632.
 Storm Industries, Inc.: See—
 Peterson, Seymour A. 2,683,438.
 Storm, Lynn W., assignor to Houston Oil Field Material Company, Inc. 2,680,005, Cl. 255—1.6.
 Storm, Lynn W. 2,686,660, Cl. 255—1.6.
 Storm, Lynn W., to Warren Automatic Tool Co. 2,688,249, Cl. 73—151.5.
 Stormont, Joseph E., Kansas City, Mo., assignor to Phillips Petroleum Company. Dewaxing process. 2,666,730, Jan. 19.
 Storms, Edgar C., to Industrial Wire Cloth Products Corp. 2,686,596, Cl. 210—131.
 Storms, John A.: See—
 Eber, Mortimer, and Storms. 2,691,850.
 Stortz, Parker H. 2,691,993, Cl. 139—190.
 Storviks Sulfit Aktiebolag: See—
 Holgersson, Sigbjörn P. H. E., Rudberg, and Rydeberg. 2,694,632.
 Story, Claiborn E. 2,684,071, Cl. 128—402.
 Story, Edward B., to A. M. Byers Co. 2,686,742, Cl. 148—12.
 Storz, Leon A. 2,687,582, Cl. 35—43.
 Stosberg, Charles E., and E. G. Furr. 2,689,428, Cl. 43—57.
 Stossel, Ernest. 2,684,075, Cl. 137—103.
 Stothert & Pitt Limited, assignee: See—
 Kerridge, Norman E.
 Stott, Albert M., Aldan-Clifton Heights, Pa. Static torsion testing machine and specimen. 2,666,324, Jan. 19.
 Stott-Hecht Glass Works, assignee: See—
 Perilstein, Harold A., and Wandel. 2,674,043.
 Stott, Louis L., to The Polymer Corp. 2,686,935, Cl. 18—55.
 Stott, Louis L., to The Polymer Corp. 2,695,425, Cl. 18—47.5.
 Stott, Louis L., to The Polymer Corp. 2,696,023, Cl. 18—55.
 Stotz, Charles K., assignor to Cha-Gobe Company, Inc. 2,676,520, Cl. 90—24.
 Stouges, Anthony J., to Mergenthaler Linotype Co. 2,693,271, Cl. 199—48.
 Stough, Gerald D., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Cargo brace structure. 2,673,529, Mar. 30.
 Stough, Gerald D., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Cargo brace structure. 2,673,530, Mar. 30.
 Stough, Gerald D., to Whitehead & Kales Co. 2,686,664, Cl. 263—49.
 Stoughton, Roger W., assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Preparation of an isomer of amidone. 2,670,375, Feb. 23.
 Stout, Charles R. 2,679,329, Cl. 214—394.

- Stout, Evelyn E., to Board of Supervisors of Louisiana State University and Agricultural and Mechanical College. 2,687,641, Cl. 73—7.
- Stout, James E., to Mix-A-Trate, Inc. 2,687,237, Cl. 222—129.3.
- Stover, Ancil C., to W. W. Eisenhauer, W. P. Ellwood, I. J., and L. E. Eisenhauer, copartners d. b. a. The Eisenhauer Mfg. Co. 2,681,812, Cl. 280—110.
- Stover, Ancil C., to W. W. Eisenhauer, W. P. Ellwood, I. J., Eisenhauer, and L. E. Eisenhauer, copartners d. b. a. The Eisenhauer Mfg. Co. 2,691,283, Cl. 64—11.
- Stover, Charles G. 2,697,565, Cl. 242—120.
- Stover, Emory F., Wynnewood, Pa. Fluid pressure control apparatus. 2,665,707, Jan. 12.
- Stover, Harry E., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Closure cap feeding device. 2,666,563, Jan. 19.
- Stover, Harry E., and G. M. Stuntz, assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Sealed glass container. 2,670,868, Mar. 2.
- Stover, Howard L. 2,681,804, Cl. 273—135.
- Stowell, Averill, and R. E. Riddle. 2,674,996, Cl. 128—75.
- Stowitts, Frank H., assignor to Michigan Carton Company, Battle Creek, Mich. Carton. 2,670,128, Feb. 23.
- Stoyanoff, Louis J. 2,689,416, Cl. 35—35.
- Stoycos, George S., to The Commonwealth Engineering Co. of Ohio. 2,687,368, Cl. 195—31.
- Stoycos, George S., to The Commonwealth Engineering Co. of Ohio. 2,694,670, Cl. 195—31.
- Strachan, John M., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Work loading mechanism. 2,664,790, Jan. 5.
- Strackbein, Alex. E. S. Heck, and A. A. Henn, to A. O. Smith Corp. 2,692,324, Cl. 219—8.
- Stradley, Bentham W., and C. P. Pond. 2,681,503, Cl. 30—47.
- Stradtman, Fred W.: *See—*
Mallow, Robert J., and Stradtman. 2,677,452.
- Straehl, Robert N., and W. E. Mesh, to Sperry Products, Inc. 2,693,105, Cl. 73—67.
- Straeter, Leonard F. W. 2,691,091, Cl. 240—6.45.
- Strahm, André, Villeneuve, assignor to Unitubo, S. A., Vevey, Switzerland. Fabricating articles of plastic material in at least two molding operations. 2,673,374, Mar. 30.
- Strahm, Frederick E. M.: *See—*
Delor, Gaston C. 2,681,087.
- Straight, David M.: *See—*
Gold, Harold, and Straight. 2,685,294.
- Strain, Daniel E., and C. D. Bell, to E. I. du Pont de Nemours & Co. 2,690,454, Cl. 260—561.
- Strain, Douglas C.: *See—*
Miller, William C., and Strain.
- Strain, William H., assignor to Eli Lilly and Company. 2,679,531, Cl. 260—517.
- Straight, Robert G. 2,675,655, Cl. 51—241.
- Straits Steel & Wire Co., assignee: *See—*
Dore, Maurice E. 2,675,130.
- Straky, John N., assignor to Chrysler Corporation. 2,678,025, Cl. 118—500.
- Straley, James M., and R. C. Harris, assignors to Eastman Kodak Company. 2,675,394, Cl. 260—364.
- Stranberg, Don F., to C. L. Conroy, and W. Fritsch. 2,694,332, Cl. 81—121.
- Strand, Carl A.: *See—*
De Olloqui, Valentine V., Strand, and Van Hartesveldt. 2,695,256.
- Strand, Carl A. 2,697,231, Cl. 4—173.
- Strand, Carl P.: *See—*
Guthrie, Hugh D., Strand, and Olney. 2,682,394.
- Strand, Marcella J. 2,675,060, Cl. 155—79.
- Strandberg, Charles F., Greensboro, N. C. Renovating or resharpening recording styli. 2,667,434, Jan. 26.
- Strandberg, Malcom W. P., to the United States of America as represented by the Secretary of the Navy. 2,681,414, Cl. 250—36.
- Strandberg, Ray U., to Anken Film Co., Inc. 2,685,831, Cl. 95—94.
- Strandell, John H., and L. A. Rupp. 2,693,243, Cl. 170—160.32.
- Strandgren, Carl B. 2,683,379, Cl. 74—424.8.
- Strand-Plax Building Products Co.: *See—*
De Olloqui, Valentine V., Strand, and Van Hartesveldt. 2,695,256.
- Strang, Andrew M. 2,695,598, Cl. 121—98.
- Strang, Charles D., Jr.: *See—*
Shaw, Milton C., and Strang. 2,677,190.
- Shaw, Milton C., and Strang. 2,680,376.
- Strang, Samuel B.: *See—*
Holmes, Ernest W., and E. W. Holmes, Jr. 2,697,948.
- Strange, John P., and P. V. Paulus, to Mine Safety Appliances Co. 2,687,342, Cl. 23—232.
- Strange, John W., D. T. Waigh, and W. R. Bloxsidge, to Thorn Electrical Industries Ltd. 2,683,240, Cl. 315—96.
- Strässer, Karl, to Actiengesellschaft Joh. Jacob Rieter & Cie. 2,682,998, Cl. 242—55.1.
- Strässler, Karl, to Actiengesellschaft Joh. Jacob Rieter & Cie. 2,686,014, Cl. 242—55.1.
- Stratford, Reginald K., Corunna, Ontario, W. A. Jones, Sarnia, Ontario, Canada, and F. A. Stuart, Richmond, Calif., assignors to Standard Oil Development Company. Synthetic lubricating oil. 2,673,175, Mar. 23.
- Stratford, Reginald K., and B. H. Mackenzie, to Standard Oil Development Co. 2,687,988, Cl. 196—52.
- Strathearn, Donald M., and G. W. Allen, assignors, by mesne assignments, to Avco Manufacturing Corporation. 2,680,448, Cl. 137—218.
- Strathmore Company, The, assignee: *See—*
Watkins, James W.
- Straton, Warren B. 2,680,987, Cl. 84—302.
- Stratton, Charles H.: *See—*
Von Glahn, William H., and Stratton. 2,694,072.
- Stratton, Charles H., East Greenbush, N. Y., and W. W. Williams, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Metallized dyes for cotton. 2,667,476, Jan. 26.
- Stratton, Chester P. 2,679,091, Cl. 29—256.
- Stratton Equipment Co.: *See—*
Foote, Alfred F. 2,690,712.
- Stratton, Frank B., to The Maytag Co. 2,688,158, Cl. 18—26.
- Stratton, Frank E., E. S. Nokes, and E. E. Chase, to United Shoe Machinery Corp. 2,687,675, Cl. 89—41.
- Stratton, Jerry L., to General Electric Co. 2,696,587, Cl. 323—22.
- Stratton, Paul L.: *See—*
Lewin, Tobias, and Stratton. 2,695,005.
- Stratton, Robert L., Folcroft, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Manually set locking device. 2,673,946, Mar. 30.
- Strätveit, Nils N. 2,684,036, Cl. 103—131.
- Straub, Francis J. 2,692,058, Cl. 214—1.
- Straub, Joseph E., and L. W. Hubbard, Jr. 2,686,241, Cl. 200—116.
- Straub, W. F., & Co.: *See—*
Straub, Walter F. 2,693,420.
- Straub, Walter F., to W. F. Straub & Co. 2,693,420, Cl. 99—146.
- Straube, Harold M.: *See—*
Bruce, Edmond, and Straube. 2,684,405.
- Straubel, Clarence W., assignor to The General Fireproofing Company, Youngstown, Ohio. Divider means for filing drawers. 2,669,236, Feb. 16.
- Straubel, Clarence W., Loganbrooke, assignor to The General Fireproofing Company, Youngstown, Ohio. Control means for divider plates of filing drawers. 2,669,237, Feb. 16.
- Straubel, Clarence W., assignor to The General Fireproofing Company, Youngstown, Ohio. Front leaf control for tilting front filing drawers. 2,669,994, Feb. 23.
- Straumann, Reinhard, Waldenburg, Switzerland. Anchor escapement. 2,669,089, Feb. 16.
- Straumann, Reinhard. 2,676,454, Cl. 58—121.
- Strauss, Herman H., to Gaylord Container Corp. 2,692,747, Cl. 248—120.
- Strauss, Howard J., to The Electric Storage Battery Co. 2,692,904, Cl. 136—30.
- Strauss, Jerome, assignor to Vanadium Corporation of America. 2,676,097, Cl. 75—122.
- Strauss, John N., to Houdaille-Hershey Corp. 2,685,888, Cl. 137—493.6.
- Strauss, John N., to Houdaille-Hershey Corp. 2,691,387, Cl. 137—493.7.
- Strauss, John N., and K. W. Cuffe, assignors to Houdaille-Hershey Corporation. 2,676,614, Cl. 137—516.19.
- Strauss, John N., and K. W. Cuffe, assignors to Houdaille-Hershey Corporation. 2,676,676, Cl. 188—88.
- Strauss, Pauline H.: *See—*
Gey, William H. 2,684,182.
- Strauss, Stuart M.: *See—*
Gottlieb, George, and Strauss.
- Strawinski, Raymond J.: *See—*
Harris, Rhett G., and Strawinski. 2,680,058.
- Harris, Rhett G., and Strawinski. 2,697,061.
- Strawinski, Raymond J., Long Beach, Calif., assignor to Texaco Development Corporation, New York, N. Y. Prospecting. 2,665,237, Jan. 5.
- Strawn, Robert J., Jr.: *See—*
Pardee, Richard H., and Strawn.
- Strayer, George H. 2,683,268, Cl. 9—1.
- Streb, Joseph C.: *See—*
Shea, Lindsey W., and Streb. 2,690,277.
- Streblov, Lawrence A., to Fansteel Metallurgical Corp. 2,685,195, Cl. 73—15.6.
- Strecker, Gerald, assignor of one-half to Kommandit-Gesellschaft, Dr. O. C. Strecker, Darmstadt-Eberstadt, and one-half to Maschinenfabrik zum Bruder-Haus Gesellschaft mit Beschränkter Haftung, Reutlingen, Germany. Conveyor driving means for sheet cutting and stacking devices. 2,670,955, Mar. 2.
- Strecker, Gerald, assignor of $\frac{1}{2}$ to Kommandit-Gesellschaft, Dr. Otto C. Strecker, and $\frac{1}{2}$ to Maschinenfabrik zum Bruderhaus Gesellschaft mit beschränkter Haftung. 2,676,523, Cl. 93—93.
- Strecker, Harold A., Bedford, and H. M. Stine, Lyndhurst, assignors to The Standard Oil Company, Cleveland, Ohio. Reforming process and catalysts. 2,668,142, Feb. 2.
- Strecker, Dr. Otto C., assignee: *See—*
Strecker, Gerald.
- Streed, Olof V., Sr., and W. R. Streed. 2,683,613, Cl. 285—142.
- Streed, William R.: *See—*
Streed, Olof V., Sr., and W. R. 2,683,613.
- Street, Jabez C.: *See—*
Pierce, John A., Kerr, and Street. 2,689,346.

- Street, Julianne R., Charlestown Township, Chester County, and J. M. Woolston, Strafford, Pa. Turban. 2,665,427, Jan. 12.
- Street, Kenneth, Jr.: *See*—
Seaborg, Glenn T., and Street. 2,698,290.
- Street, Louis F., Philadelphia, assignor to Welding Engineers, Inc. 2,674,104, Cl. 62—114.
- Streeter, Frank S.: *See*—
Rieber, Frank. 2,689,943.
- Streets, Robert B., to Chemical Seed Treating and Delinting Corp. 2,696,821, Cl. 134—65.
- Strehlau, Donald R.: *See*—
Bloch, Herman S., and Strehlau. 2,695,913.
- Strehlow, Richard A., Champaign, and W. A. Heiby, Chicago, Ill. Game board apparatus. 2,666,644, Jan. 19.
- Strehlow, Robert W., assignor to Chain Belt Company, Milwaukee, Wis. Garbage grinder. 2,665,851, Jan. 12.
- Strehlow, Robert W., assignor to Chain Belt Company. 2,676,759, Cl. 241—32.5.
- Strehlow, Walter F., assignor to Allis-Chalmers Manufacturing Company. 2,679,199, Cl. 97—46.07.
- Streich, Paul B., Sr., Maywood, Ill., assignor to Charles Bruning Company, Inc., New York, N. Y. Dating machine. 2,667,831, Feb. 2.
- Streich, Philip A., E. P. Tait, and V. R. Clark, to Tait-Clark-Streich Machinery Corp. 2,685,705, Cl. 17—2.
- Streicker, Seymour F., J. J. Oros, and J. Skidmore. 2,681,710, Cl. 184—55.
- Streicker, Seymour F., J. J. Oros, and J. Skidmore, to Air-Mite Devices, Inc. 2,698,064, Cl. 184—55.
- Streicker, Seymour F., J. J. Oros, and J. Skidmore, to Air Mite Devices, Inc. 2,698,065, Cl. 184—55.
- Streitz, Alquin J. 2,676,470, Cl. 62—127.
- Strelzoff, Samuel, and E. S. Roberts, to Chemical Construction Corp. 2,689,175, Cl. 71—39.
- Strepel, Edward L. 2,675,946, Cl. 222—137.
- Streter Amet Co.: *See*—
Kennedy, Verne C., Jr. 2,691,485.
- Stretton, Henry J., to Fusarc Ltd. 2,692,325, Cl. 219—8.
- Streuber, Rudolf G., to Research Corp. 2,681,122, Cl. 183—7.
- Strezoff, Bogioia. 2,674,962, Cl. 111—89.
- Strezoff, Bogioia. 2,688,358, Cl. 155—131.
- Strickland, Barney R., to Standard Oil Development Co. 2,696,458, Cl. 196—14.11.
- Strickland, George, St. Catharines, Ontario, Canada, assignor to American Flange & Manufacturing Co. Inc., New York, N. Y. Closure means for containers. 2,670,097, Feb. 23.
- Strickland, George H., to General Motors Corp. 2,689,110, Cl. 257—3.
- Strickland, Harold A., Jr., and D. W. Riddell, to The Ohio Crankshaft Co. 2,681,971, Cl. 219—13.
- Strickler, John C. 2,684,691, Cl. 137—625.17.
- Strickler, Kenneth H., and K. B. Kutz, to The Greyhound Corp. 2,682,770, Cl. 73—121.
- Strickler, Walter B.: *See*—
Cesareo, Orfeo, and Strickler. 2,692,082.
- Strickler, Walter B., to Bell Telephone Laboratories, Inc. 2,692,728, Cl. 235—61.
- Strickman, Samuel W., to Gittlin Bag Co. 2,682,485, Cl. 117—76.
- Strijbos, Hubertus H. L.: *See*—
Horowitz, Alexandre, and Strijbos.
- Strike, George N., Los Angeles, Calif. Moisture-extracting press. 2,667,056, Jan. 26.
- Stringer, James E., Central City, Nebr. Round corner case making machine. 2,668,575, Feb. 9.
- Stringfellow, Thomas W. 2,676,789, Cl. 255—35.
- Stringham, Leonidas K., and T. Ashton, to The Lincoln Electric Co. 2,681,875, Cl. 148—23.
- Stritter, Karl A., to United Shoe Machinery Corp. 2,692,401, Cl. 12—146.
- Strnad, Emanuel, and W. D. Hatcher, Jr., to General Electric Co. 2,696,909, Cl. 209—80.
- Strnad, Frank J., Cedar Rapids, Iowa, assignor to Link-Belt Speeder Corporation. Unloading valve. 2,664,908, Jan. 5.
- Strnad, James J., to Lempeco Products, Inc. 2,683,335, Cl. 51—166.
- Strnad, James J., to Lempeco Products, Inc. 2,688,211, Cl. 51—72.
- Strobel, Albert F.: *See*—
Williams, William W., and Strobel.
- Strobel, Rudolph W., Lenox, Mass., assignor to General Electric Company. Mounting clamp. 2,666,972, Jan. 26.
- Strobel, Rudolph W., to General Electric Co. 2,685,013, Cl. 200—120.
- Stroehmann Brothers Co.: *See*—
Keller, Emil G. 2,683,560.
- Stroh, Patricia B., Minneapolis, Minn. Garter. 2,671,904, Mar. 16.
- Strohlein, Elmer M., and W. W. Albert, assignors to The Electric Storage Battery Company. 2,678,344, Cl. 136—162.
- Strojny, Michael A.: *See*—
Rowland, Clarence G., and Strojny. 2,691,802.
- Strom, Albert P., to Westinghouse Electric Corp. 2,697,154, Cl. 200—147.
- Strom, Edgar T. 2,695,192, Cl. 296—50.
- Strom, Ernest, and G. V. Olson: said Strom assignor to said Olson, d. b. a. Specialty Engineering Co. 2,687,587, Cl. 38—137.
- Strom, Hilding E., Seattle, Wash. Purse seine and its use. 2,673,415, Mar. 30.
- Stromberg-Carlson Co.: *See*—
Elliott, George.
Enslein, Kurt.
Enslein, Kurt, and Haskins.
Fisher, Charles R., Jr. 2,691,066.
Frankel, Theodor. 2,691,069.
Gleason, Howard S.
Gratian, Joseph W. 2,697,135.
Green, George K.
Harris, Leslie M., Jr. 2,686,830.
Henderson, Kenneth L., and Odell.
Kessler, Frank. 2,684,409.
Kessler, Frank, and Frankel.
Kessler, Frank, and Pharis.
Kessler, Frank, and Pharis. 2,685,617.
MacCheyne, George W.
MacCheyne, George W. 2,691,071.
Morris, Frank A. 2,680,782.
Morris, Frank A. 2,691,070.
Mountjoy, Garrard. 2,684,402.
Odell, Newton H.
Pharis, William W.
Pharis, William W. 2,678,355.
Pharis, William W. 2,684,407.
Pharis, William W. 2,685,616.
Pharis, William W. 2,691,068.
Powell, Winfred T. 2,686,223.
Powell, Winfred T. 2,688,052.
Slaymaker, Frank H., and Meeker. 2,690,091.
Trousdale, Robert B. 2,675,475.
Trousdale, Robert B. 2,676,250.
Trousdale, Robert B. 2,694,172.
Trousdale, Robert B. 2,694,750.
Trousdale, Robert B. 2,695,954.
Trousdale, Robert B. 2,697,781.
Vincent, Andrew W. 2,683,192.
Wheeler, John L. 2,679,014.
- Strommen, John A., to Allis-Chalmers Mfg. Co. 2,681,484, Cl. 22—23.
- Stromquist, Martin G. 2,689,406, Cl. 33—115.
- Strong Electric Corp., The: *See*—
Witte, Wernert F. 2,681,983.
- Strong, Harris G., assignor of 50% to H. A. Goldberg. 2,675,573, Cl. 15—176.
- Strong, Herbert W., W. C. Trethewey, and J. B. Klingel. 2,686,280, Cl. 318—125.
- Strong, Vernon L., Wolf Creek, Oreg. Compensator for rifles. 2,667,815, Feb. 2.
- Strong, Walter J., Cuyahoga Falls, and R. E. Lindemann, Leroy, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for stripping molded articles from molds. 2,666,228, Jan. 19.
- Strong, Walter J., Cuyahoga Falls, and R. E. Lindemann, Leroy, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for removing curing bags from tires. 2,668,983, Feb. 16.
- Strongleaf Paper Corp.: *See*—
Hirson, Benjamin. 2,690,101.
- Stroop, John H., assignor to The Pad-Y-Wax Company, Inc., New York, N. Y. Packaging machine. 2,670,581, Mar. 2.
- Stross, Fred H.: *See*—
Vinograd, Jerome R., and Stross.
- Strother, Fred P., Shawmut, Ala., assignor to Deering Milliken Research Trust, New York, N. Y. Method and means for control of independently variable characteristics. Re. 23,790, Feb. 23.
- Strother, Fred P., assignor to West Point Manufacturing Company. 2,680,299, Cl. 33—148.
- Strother, John. 2,694,369, Cl. 109—59.
- Strozinski, Anthony J., Horseheads, N. Y., assignor to Bendix Aviation Corporation. Engine starter gearing. 2,673,467, Mar. 30.
- Structo Mfg. Co.: *See*—
Gokey, Joseph G.
Gokey, Joseph G. 2,681,739.
Schwien, Leo N., and Brown. 2,679,712.
- Struempff, John F. 2,693,650, Cl. 37—2.
- Strunck, Heinrich, and J. Ruhl. 2,691,381, Cl. 134—152.
- Strunk, Kenith G., to Breeze Corporations, Inc. 2,684,398, Cl. 174—77.
- Struthers Wells Corporation, assignee: *See*—
Klingel, John B. 2,677,504.
- Strzala, Kazimer A.: *See*—
Fry, William L., and Strzala. 2,689,409.
- Strzala, Kazimer A., to Owens-Illinois Glass Co. 2,687,068, Cl. 93—37.
- Stuart, Alfred A., assignor to Bendix Aviation Corporation. 2,679,162, Cl. 73—194.
- Stuart, Alfred A., Jr., to Bendix Aviation Corp. 2,695,384, Cl. 324—43.
- Stuart, Archibald P.: *See*—
Johnson, Herbert L., and Stuart. 2,686,763.
- Stuart, Clarence C., assignor to Traffic Transport Engineering, Inc., Dearborn, Mich. Motorcar carrier, five-car capacity. 2,667,377, Jan. 26.
- Stuart, Frank A.: *See*—
Stratford, Reginald K., Jones, and Stuart.
- Stuart, Gerald H., H. Howard, J. T. Watson, F. H. Chickner, and W. A. Sommer, to The Borden Co. 2,682,469, Cl. 99—117.

- Stuart, Joseph, III, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Aircraft engine and propeller control system. 2,664,959, Jan. 5.
- Stuart, Robert W., Columbus, Ohio. Wheel stretcher with patient retaining means. 2,666,217, Jan. 19.
- Stuart-Williams, Raymond: *See*—
Rajchman, Jan A., and Stuart-Williams.
Rajchman, Jan A., and Stuart-Williams. 2,691,153.
Rosenberg, Milton, and Stuart-Williams. 2,691,155.
- Stuart-Williams, Raymond, to Radio Corp. of America. 2,691,152, Cl. 340—166.
- Stuart-Williams, Raymond, and M. Rosenberg, to Radio Corp. of America. 2,691,157, Cl. 340—174.
- Stubblefield, James L. 2,690,874, Cl. 236—34.
- Stubbs, Harold V. G., to The Plessey Co. Ltd. 2,688,581, Cl. 154—102.
- Stubbs, Sherman C. 2,693,161, Cl. 114—0.5.
- Stubner, Franz W., to Bell Telephone Laboratories, Inc. 2,682,003, Cl. 310—8.4.
- Stubnitz Greene Spring Corp.: *See*—
Medendorp, John E. 2,677,398.
Smith, Charles C. 2,676,647.
- Stubnitz, Maurice. 2,682,296.
- Stubnitz, Maurice. 2,685,329.
- Stubnitz, Maurice, assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Seat spring cushion of the air cushion type. 2,671,498, Mar. 9.
- Stubnitz, Maurice, to Stubnitz-Greene Spring Corp. 2,682,296, Cl. 155—179.
- Stubnitz, Maurice, to Stubnitz Greene Spring Corp. 2,685,329, Cl. 155—179.
- Stuck, Harold D., assignor to John W. Bolton & Sons, Inc. 2,680,484, Cl. 164—58.
- Stuckart, Alfred T. 2,693,293, Cl. 220—71.
- Stucker, Leslie L., to Lou Goldsmith Handbag Corp. 2,691,998, Cl. 150—28.
- Stuckey, Sadie. 2,678,459, Cl. 15—185.
- Studders, Robert J., to General Electric Co. 2,694,790, Cl. 317—202.
- Studebaker, Arthur W., and J. H. Bailey, Brea, Calif., said Bailey assignor to said Studebaker. Pipe-cutting machine. 2,672,682, Mar. 23.
- Studebaker Corp.: *See*—
Churchill, Harold E. 2,680,954.
Hasbany, Woodrow A.
Hunte, Fred L., Jr. 2,687,684.
Jordan, Leo M. 2,691,475.
Learman, Frank E. 2,695,122.
McCormick, Lloyd A., and Lindeman. 2,692,134.
Schrum, Donald J. 2,687,914.
- Studebaker, Merton L., to Phillips Petroleum Co. 2,690,389, Cl. 71—64.
- Studer, Frank J.: *See*—
Cusano, Dominic A., and Studer. 2,675,331.
Cusano, Dominic A., and Studer. 2,685,530.
- Studer, Fritz. 2,682,731, Cl. 51—100.
- Studler, Clara B., Glendale, Calif. Brassière. 2,671,217, Mar. 9.
- Studler, René R., assignor to The United States of America as represented by the Secretary of the Army. 2,674,822, Cl. 42—71.
- Stue, Ingrid, executrix: *See*—
Stue, Trygve B. 2,677,952.
- Stue, Trygve B., deceased, by I. Stue, executrix. 2,677,952, Cl. 70—68.
- Stueland, Harold M., assignor to Deere & Company. 2,679,943, Cl. 214—140.
- Stuhler, Robert E.: *See*—
Bubbers, John J., and Stuhler.
- Stuhlman, Frank. 2,679,599, Cl. 250—66.
- Stuhr, Jasper N. 2,679,406, Cl. 281—1.
- Stuivenberg, Cornelis H., Haarlem, Netherlands. Card handling machine. 2,668,626, Feb. 9.
- Stukenborg, Frederick W. and L. C. 2,674,078, Cl. 56—29.
- Stukenborg, Louis C.: *See*—
Stukenborg, Frederick W. and L. C. 2,674,078.
- Stumbeck, Max J., South Orange, N. J. Making nickel-cadmium batteries. 2,667,526, Jan. 26.
- Stump, Clare A., Jr.: *See*—
Austin, Bascum O., Jessee, and Stump.
- Stump, Eugen, to Daimler-Benz Aktiengesellschaft. 2,692,778, Cl. 280—112.
- Stump, Eugen, and G. Heim, to Daimler-Benz Aktiengesellschaft. 2,691,972, Cl. 123—196.
- Stumphauzer, William. 2,682,348, Cl. 214—511.
- Stumpp, George E., to R. N. Rose. 2,683,307, Cl. 30—10.
- Stuntz, George M.: *See*—
Acton, Daniel D., and Stuntz. 2,687,575.
Stover, Harry E., and Stuntz.
- Stupka, Wilma G.: *See*—
Swenson, Marcus O., and P. F. 2,692,759.
- Sturdevant, James M., assignee: *See*—
Wagnon, Francis M.
- Sturdevant, Marion W. 2,697,234, Cl. 7—5.3.
- Sturdevant, Mortimer B.: *See*—
Fischer, Paul E., and Sturdevant. 2,690,865.
Fischer, Paul E., Sturdevant, and Thomas. 2,681,722.
- Sturdy, Arthur T., Jr.: *See*—
Bliss, Albert. 2,697,260.
- Sturgell, Golden K., B. Lomond, and W. M. Thompson. 2,694,522, Cl. 235—88.
- Sturgeon, Dwight D.: *See*—
Woboril, Peter P., Sr., and Sturgeon. 2,676,066.
- Sturges, A. Hiram, assignee: *See*—
Finn, Kenneth F. Re. 23,832.
- Sturges, Benjamin R., assignee: *See*—
Pendleton, Pyam L.
- Sturges, Robert A.: *See*—
Coolidge, Solace B., Jr., and Sturges. 2,694,874.
- Sturgess, Inc., assignee: *See*—
Cushman, Clifford E. 2,675,861.
- Sturm, Edward: *See*—
Barclay, Charles E., and Sturm. 2,696,933.
- Sturm, Robert H., assignor to Cosmocord Plastics Limited, Enfield, England. Coating compositions for metals containing a phenol formaldehyde resin and a phosphate. 2,668,158, Feb. 2.
- Sturmev-Archer Gears Ltd.: *See*—
Brown, William. 2,687,050.
- Sturtevant, Fred W., to Fieldcrest Mills, Inc. 2,696,549, Cl. 219—46.
- Sturtevant, Julian M., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,678,300, Cl. 204—194.
- Sturtevant, Mark J., assignor, by mesne assignments, to The Goodyear Tire & Rubber Company. 2,679,224, Cl. 114—54.
- Sturtevant, Mark J., St. Clair Shores, W. L. Weertman, Bloomfield Hills, and W. D. Brown, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Bushing. 2,668,316, Feb. 9.
- Sturz, Bernard V. 2,684,188, Cl. 223—71.
- Stutsman, Paul W., Needham, assignor to Raytheon Manufacturing Company, Newton, Mass. Gaseous-discharge device. 2,666,880, Jan. 19.
- Stutsman, Paul W., Needham, assignor to Raytheon Manufacturing Company, Newton, Mass. Corona discharge voltage regulator. 2,668,254, Feb. 2.
- Stutsman, Paul W., Needham, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical circuit. 2,668,259, Feb. 2.
- Stutzer, Hans: *See*—
Esser, Paul, Stutzer, and Gremm. 2,684,422.
- Stutzman, Milo J., assignor to Midwest Research Institute, Kansas City, Mo. Heat treatment of steel in a protective atmosphere. 2,673,821, Mar. 30.
- Stuva, Harry. 2,691,363, Cl. 119—73.
- Stuve, Johan G.: *See*—
Göbel, Johannes, and Stuve.
- St-West, Inc., assignee: *See*—
Stehlin, Theodore A.
- Styles, Earl E., Gaylord, Mich. Slingshot. 2,667,863, Feb. 2.
- Styrene Products Limited, assignee: *See*—
Haward, Robert N., and Elly.
- Styri, Haakon: *See*—
McMillan, Frank M., and Sullivan. 2,684,949.
Morrison, Thomas W., and Styri. 2,680,659.
- Subin, David L.: *See*—
Barrett, Leon. 2,686,410.
- Submarine Cables Ltd.: *See*—
Presswell, Richard W. 2,697,739.
- Sudan, Eugene: *See*—
Wright, John G., Toney, Watkins, Sudan, and Maxwell. 2,684,490.
- Süddeutsche Spindelwerke Zinser, assignee: *See*—
Hohloch, Kurt S. 2,675,586.
- Sudenga, Jay G. 2,697,617, Cl. 280—491.
- Sudo, Hidenori. 2,690,723, Cl. 112—159.
- Sudziarski, Eugene C., Belleville, N. J. Magnetic form for use in making molds. 2,672,664, Mar. 23.
- Suellentrop, Fred F., to Lemay Machine Co. 2,683,558, Cl. 226—72.
- Suellentrop, Fred F., to Lemay Machine Co. 2,695,123, Cl. 226—72.
- Suen, Tzeng J., assignor to American Cyanamid Company. 2,678,308, Cl. 260—33.2.
- Suen, Tzeng J., to American Cyanamid Co. 2,688,604, Cl. 260—33.2.
- Suen, Tzeng J., to American Cyanamid Co. 2,688,607, Cl. 260—67.6.
- Sueskind, Ralph H. 2,677,615, Cl. 99—137.
- Suess, Edwin H. 2,689,608, Cl. 160—368.
- Suess, Ralph T., and D. C. Shepard, Jr., to Menasha Wooden Ware Corp. 2,692,720, Cl. 229—14.
- Sugar, Alexander S.: *See*—
Fabig, Georg. 2,696,789.
- Sugar Research Foundation, Inc., assignee: *See*—
Scattergood, Allen.
- Suggate, Harold G.: *See*—
Kendall, John D., and Suggate. 2,693,472.
Kendall, John D., Suggate, and Mayo. 2,697,707.
- Suggs, Charles W., assignor to International Harvester Company. 2,677,554, Cl. 280—411.
- Suhr, Frederick W.: *See*—
Jenson, Kenneth S., and Suhr. 2,697,429.
- Suhr, Frederick W., to Preway Inc. 2,695,624, Cl. 137—113.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Protective system. 2,668,930, Feb. 9.
- Sukacev, Lev, Chevy Chase, Md. Constructing thermopiles. 2,671,950, Mar. 16.

- Sukacev, Lev, Chevy Chase, Md. Thermopiles. 2,672,492, Mar. 16.
- Suleek, Charles E.: *See*—
Clark, Adna R., and Suleek. 2,682,756.
- Sule, John C. 2,676,222, Cl. 200—87.
- Sulich, John, Jr.: *See*—
Botkin, Carl, and Sulich. 2,694,010.
- Sulikowski, Edmund J.: *See*—
Montgomery, Harley A., Sulikowski, and Wojtowicz. 2,686,732.
- Sullivan, Alfred: *See*—
Paxton, Dewey M. 2,682,886.
- Sullivan, Allen T. 2,685,799, Cl. 73—373.
- Sullivan, Earle C., to General Electric Co. 2,694,770, Cl. 219—44.
- Sullivan, Earle C., to General Electric Co. 2,694,999, Cl. 116—124.
- Sullivan, Edmund M.: *See*—
Oldham, Henry P., Sullivan, and Berg. 2,696,041.
- Sullivan, Francis J. 2,689,354, Cl. 5—90.
- Sullivan, Frank A. V., and K. W. Saunders, to American Cyanamid Co. 2,684,388, Cl. 260—624.
- Sullivan, Frederick W., Jr., Madison, N. J. Thermal treatment of ceramic objects. 2,670,573, Mar. 2.
- Sullivan, Glen W. 2,688,348, Cl. 144—134.
- Sullivan, James D.: *See*—
Roerber, Arthur E., Jr., and Sullivan. 2,680,085.
- Sullivan, John J., L. H. Martell, and W. H. Ingersoll, St. Paul, Minn. Fish lure. 2,665,512, Jan. 12.
- Sullivan, Ray E., to Bikini Blanket Co., Inc. 2,683,876, Cl. 2—1.
- Sullivan, Robert D.: *See*—
Bakalar, Arthur B., and Sullivan.
McMillan, Frank M., and Sullivan.
- Sullivan, Vincent A., Jr.: *See*—
Crepeau, Wilfred J., and Sullivan. 2,694,658.
- Sullivan, Wellington B. 2,695,990, Cl. 339—253.
- Sullivan, William F.: *See*—
Panik, Irene M., and Sullivan.
- Sully, John K., to The Dominion Road Machinery Co., Ltd. 2,695,465, Cl. 37—44.
- Sultan, Leonard, assignor to S. A. Hirsh Manufacturing Co. 2,680,326, Cl. 45—139.
- Sulzer Freres, Societe Anonyme: *See*—
Minder, Otto. 2,678,033.
Perrin, Hans. 2,688,378.
Pfarrwaller, Erwin. 2,687,148.
Pfarrwaller, Erwin. 2,696,222.
Rimann, Walter.
Traupel, Walter.
Züblin, Marcel W.
- Sulzer, Peter G., assignor to United States of America as represented by the Secretary of Commerce. 2,680,830, Cl. 321—2.
- Sumegi, Lawrence W. 2,679,813, Cl. 112—137.
- Sumen, Louis M., and S. Sumen, Jr. 2,683,014, Cl. 248—150.
- Sumen, Stephen, Jr.: *See*—
Sumen, Louis M., and S. Sumen, Jr. 2,683,014.
- Sumerford, Simpson D., to Standard Oil Development Co. 2,698,335, Cl. 260—449.6.
- Summerbell Roof Structures: *See*—
Upham, Gilbert B. 2,684,699.
- Summerhayes, Harry R., Jr., assignor to General Electric Company. 2,674,917, Cl. 88—14.
- Summers, Arthur R., $\frac{1}{2}$ to E. J. McDaniel. 2,685,700, Cl. 12—136.
- Summers, Gerald C., and R. A. Broding, to Socony-Vacuum Oil Co., Inc. 2,691,422, Cl. 181—0.5.
- Summers, J. Mills. 2,695,803, Cl. 292—113.
- Summers, Maurice R., $\frac{1}{2}$ to C. H. Foley. 2,688,962, Cl. 128—142.
- Summers, Neil W.: *See*—
Cheatum, Leo G., and Summers. 2,697,358.
- Summers, Otto M.: *See*—
Fisler, William C., and Summers.
- Summers, Robert F.: *See*—
White, Andrew R., and Summers. 2,680,387.
- Summers, Robert F., assignor to Chrysler Corporation. 2,680,427, Cl. 121—120.
- Summers, Thomas O., Jr. 2,677,514, Cl. 244—79.
- Summerville, Donald V., to Aeromta Products Co., Inc. 2,684,672, Cl. 128—33.
- Summit Container Company, assignee: *See*—
Jansen, George D.
- Summit Steel Products, Inc., assignee: *See*—
Myers, Clarence E.
- Sumner, Marvin I., and L. D. Faulkner, Dallas, Tex. Door spring bracket. 2,670,495, Mar. 2.
- Sumrell, Ferrall N., assignor to Hardwick, Hindle, Inc. 2,677,742, Cl. 201—48.
- Sumstad, Clarence M. 2,684,532, Cl. 30—276.
- Sun Chemical Corp.: *See*—
Armatys, Edward F.
Gagliardi, Domenick D. 2,693,460.
Klohs, Daniel W.
- Sun Oil Co.: *See*—
Barnes, William E. 2,686,566.
Bates, John R.
Bazzoni, Charles B., and Ellis. 2,675,882.
Bullington, Ruby C. 2,687,919.
Cadorette, Eudore F. 2,688,512.
Chaney, Preston E., and Barnes. 2,697,585.
- Sun Oil Co.: *See*—Continued.
Coppock, Walter J.
Cummings, Leland W. T. 2,696,114.
Cummings, Leland W. T., and Shimp.
Davis, William H. 2,689,624.
Davis, William H. 2,689,625.
Dobbs, Roy E.
Dougherty, Patrick F. 2,677,666.
Elliott, Orrin M. 2,674,562.
Grace, Edward J., Jr. 2,674,695.
Grace, Edward J., Jr. 2,682,652.
Hall, Chester L. 2,692,718.
Hartung, Charles A. 2,696,876.
Hay, Lehman E.
Hetzel, Stanford J. 2,697,045.
Hetzel, Stanford J. 2,697,087.
Hill, Claude I. Re. 23,817.
Hodges, James W. 2,687,774.
Hollibaugh, William C.
Johnson, Herbert L., and Stuart. 2,686,763.
Kennedy, Robert M., and Schneider.
Kennedy, Robert M., and Schneider. 2,681,362.
Kennedy, Robert M., and Schneider. 2,683,754-7.
Kennedy, Robert M., and Schneider. 2,691,622.
Kent, Russell H., Jr.
Kilpatrick, Walter E. 2,677,579.
Lassiat, Raymond C.
Lindeman, Myrl A.
Lipkin, Moses R., and Reif. 2,680,716.
Marsh, Alfred H. 2,692,808.
McClure, William L.
McClure, William L. 2,681,833.
McClure, William L. 2,684,270.
McClure, William L. 2,689,153.
Mills, Ivor W. 2,695,865.
Quist, Harold A. 2,676,606.
Quist, Harold A. 2,677,816.
Quist, Harold A. 2,680,450.
Quist, Harold A. 2,684,076.
Quist, Harold A. 2,689,580.
Quist, Harold A. 2,693,294.
Quist, Harold A. 2,697,443.
Richert, Bernhard E.
Schneider, Abraham.
Schneider, Abraham. 2,681,373.
Schneider, Abraham. 2,691,688.
Sperry, Elmer H.
Sweely, James S.
Thayer, Clarence H. 2,674,496.
Thayer, Clarence H., and King. 2,678,133.
Voelker, George H. 2,692,951.
Weiss, Eric A., and Wright.
Winterhalter, Alfred C.
- Sun Rubber Co., The: *See*—
Freeland, George H. 2,689,430.
Mobley, Edward L., Jr.
Mobley, Edward L., and Molitor. 2,696,024.
Reketttye, Paul.
- Sun Tool & Machine Company, The, assignee: *See*—
Reaser, Warren E.
Reaser, William A., and Ziems.
- Sunbeam Corp.: *See*—
Jepson, Ivar.
Jepson, Ivar. 2,688,184.
Jepson, Ivar. 2,690,623.
Jepson, Ivar, and Browning.
Jepson, Ivar, and Cerveny.
Jepson, Ivar, and Cerveny. 2,696,568.
Koci, Ludvik J.
Koci, Ludvik J. 2,687,469.
Wallerius, John, and Ade. 2,684,681.
Wallerius, John, and Locey. 2,683,595.
Wallerius, John, and Locey. 2,684,769.
- Sunday, Margaret L.: *See*—
Bartleson, John D., Hardman, and Sunday. 2,690,976.
Hughes, Everett C., Hardman, Bartleson, and Sunday. 2,690,977.
- Sundback, Gideon, assignor to Talon, Inc. 2,680,087, Cl. 154—116.
- Sundberg, Robert L.: *See*—
Hoch, Paul E., Pedlow, and Sundberg. 2,696,498.
- Sundberg, Robert L., and M. E. Chiddix, assignors to General Aniline & Film Corporation. 2,678,935, Cl. 260—410.6.
- Sundelin, Arne, to Aktiebolaget A. Ekstroms Maskinaffar. 2,694,531, Cl. 241—141.
- Sundell, Arvid G., and R. E. Forgette; said Sundell to P. M. Sundell. 2,684,226, Cl. 248—294.
- Sundell, Carl A., to The Brunswick-Balke-Collender Co. 2,690,582, Cl. 15—228.
- Sundell, Pearl M.: *See*—
Sundell, Arvid G., and Forgette. 2,684,226.
- Sunderhauf, Karl R. 2,694,800, Cl. 339—269.
- Sunderland, Charles C., to John A. Roebling's Sons Corp. 2,689,389, Cl. 24—122.6.
- Sundheim, Peter J. 2,674,478, Cl. 291—28.
- Sundholm, Edwin P., to Our Savior's Evangelical Lutheran Church. 2,686,625, Cl. 226—125.
- Sundin, Eric O., Hudiksvall, Sweden. Hydraulic jack. 2,672,990, Mar. 23.
- Sundin, Henning: *See*—
Danielsson, Nils J., and Sundin. 2,680,260.
- Sundling, Carl S., deceased; J. Sundling, administratrix. 2,697,819, Cl. 339—227.

- Sundling, Jane: *See*—
Sundling, Carl S. 2,697,819.
- Sundstrand Machine Tool Co.: *See*—
Erikson, Robert W. 2,684,637.
- Sundstrand Magnetic Products Co.: *See*—
Anderson, Axel. 2,688,403.
- Sundstrand, Oscar J., to Underwood Corp. 2,695,134, Cl. 235—60.25.
- Sundstrand, Oscar J., and O. W. Swanson, West Hartford, Conn., assignors to Underwood Corporation, New York, N. Y. Business machine with optionally movable head or platen. 2,667,956, Feb. 2.
- Sundstrom, Leonard E., Litchfield, Nebr. Multicylinder pumping system. 2,664,825, Jan. 5.
- Sundstrom, Richard: *See*—
Ogborn, James R., and Sundstrom. 2,685,460.
- Sundstrom, Savin L.: *See*—
Rupp, Earl V., Adams, and Sundstrom. 2,674,263.
- Sundt, Edward V., Wilmette, assignor to Sundt Engineering Company, Chicago, Ill. Illuminated switch. 2,673,914, Mar. 30.
- Sundt, Edward V. 2,678,982, Cl. 200—131.
- Sundt, Edward V. 2,681,527, Cl. 41—32.
- Sundt, Edward V. 2,681,962, Cl. 200—113.
- Sundt Engineering Company, assignee: *See*—
Sundt, Edward V.
- Sundwick, Andrew W., Dearborn, assignor to General Motors Corporation, Detroit, Mich. Die casting machine. 2,671,936, Mar. 16.
- Sundy, John D.: *See*—
Ingraham, Harold O. C., and Sundy.
- Sung, Henry and P. Y. 2,681,745, Cl. 222—144.5.
- Sung, Paul Y.: *See*—
Sung, Henry and P. Y. 2,681,745.
- Sunkist Growers, Inc.: *See*—
Baier, Willard E.
Hull, Robert R. 2,685,175.
- Sunko, John, to Motorola, Inc. 2,682,969, Cl. 220—31.
- Sunland Latex Products Co.: *See*—
Krueger, Elmer E. 2,697,229.
- Sunnen, Joseph. 2,688,792, Cl. 29—105.
- Sunnen, Joseph. 2,691,210, Cl. 29—219.
- Sunnen, Joseph. 2,695,787, Cl. 279—46.
- Sunroc Refrigeration Company, assignee: *See*—
Wehrwein, John G.
- Sunset Electric Co., assignee: *See*—
Larson, Carl V.
- Sunstein, David E., assignor to Philco Corporation. 2,677,763, Cl. 250—27.
- Sunstein, David E., to Philco Corp. 2,688,744, Cl. 343—16.
- Sunstein, David E., to Philco Corp. 2,695,356, Cl. 250—20.
- Sunvic Controls Ltd.: *See*—
Hall, Colin C. 2,691,129.
- Suozzo, John, to Westinghouse Electric Corp. 2,695,077, Cl. 187—29.
- Suozzo, John, to Westinghouse Electric Corp. 2,696,896, Cl. 187—29.
- Super Electric Products Corp., assignee: *See*—
Lorant, Lionel.
- Super Mold Corporation of California: *See*—
Glynn, Edwin A. 2,683,898.
- Smyser, James A.
- Super, Ralph K.: *See*—
Williams, Ivor H., and Super.
- Super, Ralph K., Detroit, Mich., assignor, by mesne assignments, to Rockwell Spring and Axle Company, Coraopolis, Pa. Brake mechanism. 2,664,972, Jan. 5.
- Super-Compactors, Inc., assignee: *See*—
Wilson, Eldon M. 2,678,594.
- Wixson, Sanford, and von Bolhar.
- Super-Cut, Inc., assignee: *See*—
Metzger, Leopold H. 2,679,839.
- Super-Grip Anchor Bolt Co., Inc.: *See*—
Thomas, Edward M., and Barry. 2,696,137.
- Superior Business Machines, Inc.: *See*—
Effros, Milton. 2,696,885.
- Superior Concrete Accessories, Inc.: *See*—
Hillberg, Bror. 2,684,824.
- Superior Separator Co.: *See*—
Kizer, Charles W., and Walstrom. 2,689,055.
- Wolfe, Walter W. 2,676,002.
- Superior Sleeprite Corporation, assignee: *See*—
Wallen, Frank.
- Superior Switchboard & Devices Co., The: *See*—
Lajeunesse, Victor J., Trier, and Espenschied. 2,695,923.
- Trier, Raymond T., Janson, and Murphy. 2,696,899.
- Superior Tank & Construction Co., assignee: *See*—
Fowler, Ralph L. 2,678,699.
- Superior Tea and Coffee Company, The, assignee: *See*—
Kaminky, Herbert E.
- Supita, Adolph F., assignor to Norcor Manufacturing Company, Inc. 2,676,645, Cl. 155—125.
- Suprenant, Arthur W. 2,682,840, Cl. 108—28.
- Suran, Jerome J., assignor to J. W. Meaker. 2,678,373, Cl. 219—19.
- Surbeck, Leighton H. 2,677,485, Cl. 223—102.
- Surber, Otis B. 2,675,074, Cl. 164—17.5.
- Sureau, Robert F. M.: *See*—
Petitcolas, Pierre, Richard, Sureau, Roe, and Develotte. 2,675,374.
- Surface Combustion Corp.: *See*—
Cone, Carroll. 2,694,157.
- Corsiglia, John. 2,685,333.
- De Coriolis, Ernest G.
- Goubau, Georg J. E. 2,685,068.
- Hepburn, William M., and Nesbitt.
- Knight, Philip L. 2,689,722.
- Nesbitt, John D. 2,691,515.
- Nesbitt, John D. 2,693,952.
- Radlinski, Harry F. 2,678,815.
- Trimble, John L., and Myler. 2,674,304.
- Ward, Mark E. 2,675,869.
- Winder, Frank J.
- Surmatis, Joseph D., and B. R. Juliano, assignors to Hoffmann-La Roche Inc. 2,677,701, Cl. 260—491.
- Surprenant Mfg. Co.: *See*—
Krukonis, Alexander C. 2,687,109.
- Surrey, Alexander R., and R. A. Cutler, assignors to Sterling Drug Inc. 2,677,687, Cl. 260—286.
- Surtees, Robert E. 2,674,782, Cl. 29—149.5.
- Sury, Ernst, Basel, and K. Hoffmann, Binningen, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. 1,3-bisaminoalkyl-3-phenyl-2,5-dioxopyrrolidines. 2,666,060, Jan. 12.
- Sury, Francis P., assignor of 50% to E. E. Stephens. 2,677,181, Cl. 33—21.
- Süs, Oskar, Wiesbaden-Biebrich, Germany, assignor to Keuffel & Esser Company, Hoboken, N. J. Light-sensitive diazo compounds and photoprint material prepared therefrom. 2,665,985, Jan. 12.
- Süs, Oskar, assignor, by mesne assignments, to Keuffel & Esser Co. 2,680,062, Cl. 41—41.
- Süs, Oskar, assignor, by mesne assignments, to Keuffel & Esser Co. 2,680,074, Cl. 95—6.
- Süs, Oskar, to Keuffel & Esser Co. 2,694,009, Cl. 95—6.
- Susil, Anton J., Edna, Tex. Automobile window armrest. 2,670,235, Feb. 23.
- Susil, Charles M. 2,675,132, Cl. 214—1.
- Sussdorff, George W. H., Newington, Conn., and H. D. Goodnow, Melrose, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Clutch. 2,670,826, Mar. 2.
- Sussenbach, Paul, to The Presstite Engineering Co. 2,698,269, Cl. 154—53.6.
- Susskind, Albert. 2,688,783, Cl. 24—205.11.
- Sutch, Creston, Glenside, Pa. Dental burr cleaner and sterilizer. 2,666,220, Jan. 19.
- Sutch, George T., to International Harvester Co. 2,696,777, Cl. 100—11.
- Sutcliffe, Alfred, assignor to Rapid Metal Developments Limited. 2,679,872, Cl. 144—297.
- Sutcliffe, Arthur: *See*—
Butler, Edward S., and Sutcliffe. 2,675,029.
- Suter, Hans, assignor to Cilag Limited. 2,674,599, Cl. 260—270.
- Suter, Hans, and E. Habicht, to Cilag Ltd. 2,698,326, Cl. 260—256.4.
- Sutermeister, Arnold K. 2,680,439, Cl. 128—173.
- Sutherland, Frederick F., Cumberland, Md., assignor to Celanese Corporation of America. Textile apparatus. 2,670,154, Feb. 23.
- Sutherland, Ian J., Lauder, Scotland. Device for a tractor-trailer combination for increasing tractor rear wheel adhesion. 2,673,092, Mar. 23.
- Sutherland, Leslie H., Springdale, Conn., and F. E. Cislak, assignors to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Pyridylethyl ethers and making them. 2,667,491, Jan. 26.
- Sutherland, Leslie T.: *See*—
Coleman, Gordon A., and Sutherland. 2,674,589.
- Sutherland Paper Co.: *See*—
Behl, John D.
- Buttery, Kenneth T. 2,675,160.
- Buttery, Kenneth T. 2,677,495.
- Buttery, Kenneth T. 2,678,153.
- Colgren, Carl T.
- Galbraith, Martin J.
- Haas, Richard G. 2,675,164.
- Rice, Curtis D. 2,683,561.
- Vander Lugt, Thomas, Jr. 2,675,264.
- Vander Lugt, Thomas, Jr. 2,678,152.
- Wood, Wayne A.
- Sutliff, Carleton B.: *See*—
Mahoney, Joseph A., Rea, and Sutliff.
- Sutliff, Wayne N. 2,674,318, Cl. 166—19.
- Sutliff, Wayne N. 2,678,805, Cl. 255—27.
- Sutter, Edward R., Chicago, Ill., assignor to Beau-T-Form Foundations, Inc. Man's garment. 2,664,888, Jan. 5.
- Sutter, Edward R., assignor to Beau-T-Form Foundations, Inc. 2,676,320, Cl. 2—42.
- Sutter, Paul: *See*—
Moergeli, Eduard, Sutter, and Kern. 2,693,473.
- Sutton, Charles Z. 2,687,833, Cl. 224—2.
- Sutton, Donald E.: *See*—
Hammond, Lee C., Sutton, Vander Linde, and Krueger. 2,688,275.
- Sutton, George D., and O. Boothby, deceased (S. H. Boothby, executrix), to T. E. Marchington & Co. Ltd. 2,698,218, Cl. 8—36.
- Sutton, Leonard v. B., assignee: *See*—
Gottgetreu, Henry J. 2,674,041.

- Sutton, Myer S., assignor to The U. S. Thermo Control Co., Minneapolis, Minn. Refrigerator defrosting control. 2,666,299, Jan. 19.
- Sutton, Robert J., and D. Cromie, to General Electric Co. 2,691,117, Cl. 339—217.
- Sutton, Roy R. 2,671,292, Cl. 152—342.
- Sutton, William A.: *See—*
 Probert, Leslie E., Sutton, and Cork. 2,680,081.
- Sutton, William J., to Wilson Supply Co. 2,684,638, Cl. 103—181.
- Sutton, William J., to Wilson Supply Co. 2,684,639, Cl. 103—181.
- Svabek, John E., Jr., Cicero, assignor to Crane Co., Chicago, Ill. Diaphragm sealed valve. 2,665,105, Jan. 5.
- Svanoe, Hans. 2,698,225, Cl. 23—301.
- Svatos, Howard B. 2,691,238, Cl. 45—80.
- Svatý, Vladimír, Roztoky, near Jilemnice, assignor of seventy-five per cent to Československé Textilní Zavody, národní podnik, Prazna, Czechoslovakia. Device for weaving of fabrics. 2,668,560, Feb. 9.
- Svec, Emil P., assignee: *See—*
 Sharat, Julius.
- Svendsen, Svend E. B.: *See—*
 Anskjaer, Emil R., Nielsen, and Svendsen.
- Svenningson, Kurt: *See—*
 Boestad, Gustav K. W., and Svenningson. 2,696,976.
- Svenska Akkumulator Aktiebolaget Jungner: *See—*
 Ameln, Karl R. 2,677,006.
- Soredal, Sven G., and Reit. 2,685,656.
- Svenska Aeroplan A/B: *See—*
 Lidmalm, Tord N. G. 2,689,277.
- Wilkenson, Erik A., and Faxén. 2,692,435.
- Svenska Aktiebolaget Gasaccumulator: *See—*
 Avensten, Karl J. 2,680,796.
- Berglund, Nils O. H. 2,689,889.
- Österman, Karl, and Arnberg.
- Svenska Cellulosa Aktiebolaget: *See—*
 Leffler, Nils G. 2,692,623.
- Lindblad, Karl R. 2,685,235.
- Svenska Cellulosaforeningens Centrallaboratorium, assignee: *See—*
 Adler, Erich, and Mauritz. 2,680,113.
- Svenska Skofabrikanterna: *See—*
 Perman, Håkan, and Rylander. 2,696,051.
- Svenska Sockerfabriks Aktiebolaget: *See—*
 Olsson, Helge G. 2,690,039.
- Svenska Turbinfabriks Aktiebolaget Ljungstrom: *See—*
 Ljungberg, Klas W. 2,687,279.
- Svenson, Ernest J., Rockford, assignor to Odin Corporation, Chicago, Ill. Pump structure. 2,665,639, Jan. 12.
- Svenson, Ernest J., assignor, by mesne assignments, to Odin Corporation. 2,676,608, Cl. 137—343.
- Svenson, Ernest J. 2,697,449, Cl. 138—30.
- Svenson, Ernest J., and S. H. Stone, assignors to Odin Corporation. 2,674,850, Cl. 60—51.
- Svensson, Fritz A.: *See—*
 Wennerbo, Erik, and Svensson. 2,689,734.
- Svensson, Lars E., Tullinge, assignor to Aktiebolaget Result, Stockholm, Sweden. Photoelectrically controlled scale. 2,673,060, Mar. 23.
- Svensson, Ragnar H., to Telefonaktiebolaget L M Ericsson. 2,697,799, Cl. 315—39.
- Svetlik, Joseph F., to Phillips Petroleum Co. 2,698,310, Cl. 260—33.6.
- Svit, národní podnik: *See—*
 Dyják, Adolf. 2,675,866.
- Masak, Frantisek. 2,682,762.
- Václavík, Jaroslav. 2,680,362.
- Svoboda, Gordon H.: *See—*
 Shahovskoy, George S., and Svoboda. 2,689,851.
- Swadesh, Samuel: *See—*
 Dunlop, Andrew P., and Swadesh.
- Swadesh, Samuel, Maywood, assignor to The Quaker Oats Company, Cook County, Ill. Preparation of 2-alkoxy-2-alkyltetrahydrofurans. 2,666,065, Jan. 12.
- Swafford, Viola F. 2,685,337, Cl. 160—341.
- Swain, Ansel P., to McNeil Laboratories, Inc. 2,695,293, Cl. 260—268.
- Swain, Ansel P., to McNeil Laboratories, Inc. 2,695,294, Cl. 260—268.
- Swain, Ansel P., to McNeil Laboratories, Inc. 2,695,295, Cl. 260—268.
- Swain, Geoffrey: *See—*
 Rose, Francis L., and Swain. 2,684,924.
- Swain, George E.: *See—*
 Millard, Bennett. 2,697,287.
- Swain, Kathleen R., assignee: *See—*
 Swain, Lloyd S. 2,677,117.
- Swain, Kenneth W.: *See—*
 Kozacka, Frederick J., Swain, and Salzer. 2,681,398.
- Swain, Lloyd S., assignor of 1/2 to K. R. Swain. 2,677,117, Cl. 339—110.
- Swain, Robert E. 2,676,862, Cl. 312—207.
- Swaine, Robert L., assignor, by mesne assignments, to Gorton-Pew Fisheries Company, Ltd. 2,680,076, Cl. 99—188.
- Swaine, William G., Brentwood, assignor to Aluminum Foil Packaging Co., St. Louis, Mo. Making metal foil pans. 2,669,914, Feb. 23.
- Swaigood, Ralph H., Covina, Calif. Detachable cover for trailer hitches. 2,671,675, Mar. 9.
- Swakon, Edward A.: *See—*
 Brannen, Cecil G., and Swakon. 2,679,480.
- Swaminathan, Sambasiva: *See—*
 Newman, Melvin S., and Swaminathan.
- Swan, Carl W., Skokie, assignor, by mesne assignments, to Teletypesetter Corporation, Chicago, Ill. Delay mechanism for tape controlled apparatus. 2,665,799, Jan. 12.
- Swan, Carl W., Skokie, assignor to Teletype Corporation, Chicago, Ill. Motor control device for telegraphy. 2,672,501, Mar. 16.
- Swan, Charles J., assignor to The Standard Oil Company. 2,674,376, Cl. 210—155.
- Swan, Harold A. 2,696,123, Cl. 74—242.11.
- Swan, Harry C., to General Motors Corp. 2,690,485, Cl. 200—88.
- Swank, Claude V.: *See—*
 Evans, Everett I., Henderson, and Swank. 2,682,873.
- Swank, Clayton J., Greenville, Miss. Drag scoop for handling riprap. 2,669,042, Feb. 16.
- Swank, Inc.: *See—*
 Marien, Clement S. 2,690,602.
- McCarthy, Lucy A. 2,684,757.
- Silva, Arthur S. 2,684,702.
- Swanke, Thaddeus: *See—*
 Jones, George S., and Swanke. 2,691,321.
- Swann, Edward R.: *See—*
 Gerber, Dale C., Swann, and Seck. 2,687,284.
- Swann, Edward R., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,664,965, Jan. 5.
- Swann, Edward R., to The Hoover Co. 2,686,962, Cl. 29—435.
- Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Cover construction for hopper cars. 2,664,832, Jan. 5.
- Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Running board saddle. 2,672,828, Mar. 23.
- Swanson, Bernard A. 2,688,797, Cl. 30—228.
- Swanson, Bernard A. 2,688,798, Cl. 30—228.
- Swanson, Donald F.: *See—*
 Ayres, Russell W., and Swanson. 2,682,155.
- Swanson, Elmer O., to Motorola, Inc. 2,688,060, Cl. 200—97.
- Swanson, Fred W., Park Ridge, Ill. Bacon package. 2,665,993, Jan. 12.
- Swanson, Grant A., Spring Park, Minn. Circuit controller. 2,672,889, Mar. 23.
- Swanson, Gunnar E. 2,687,639, Cl. 70—364.
- Swanson, J. Robert F., assignee: *See—*
 Swanson, Swan.
- Swanson, Kenneth P., and R. K. Butler, to L. M. Cotchett. 2,691,402, Cl. 154—1.
- Swanson, Oscar A.: *See—*
 Harpothian, Edward, and Swanson. 2,686,343.
- Swanson, Oscar W.: *See—*
 Sundstrand, Oscar J., and Swanson.
- Swanson, Oscar W., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Total printing control mechanism for typewriter-computers. 2,668,659, Feb. 9.
- Swanson, Robert G., to Owens-Illinois Glass Co. 2,684,560, Cl. 51—164.
- Swanson, Russel, to Wind-King Electric Mfg. Co. 2,691,421, Cl. 180—74.
- Swanson, Swan, Lansing, assignor to J. R. F. Swanson, Birmingham, Mich. Farm gate. 2,665,508, Jan. 12.
- Swanson, Swan G. 2,679,950, Cl. 222—9.
- Sward, Forrest W.: *See—*
 Gammon, Howard M., and Sward. 2,694,388.
- Swarr, Howard G., to Armstrong Cork Co. 2,695,583, Cl. 113—80.
- Swart, Gilbert H., Akron, and T. A. Te Grotenhuis, Olmstead Falls, assignors to The General Tire and Rubber Company, Akron, Ohio. Resinous copolymers of 3,4 and 3,5 dichloro-alpha-methylstyrene. 2,668,164, Feb. 2.
- Swart, Richard H.: *See—*
 McGrath, William L., and Swart. 2,675,683.
- Swartfiguer, Herbert C., to General Electric Co. 2,683,425, Cl. 103—234.
- Swarthout, Ward W., to Acme Industries, Inc. 2,686,353, Cl. 29—157.5.
- Swartz, Abraham W., to Wildman and Swartz, Inc. 2,696,034, Cl. 28—1.
- Swartz, C. Kenneth, C. J. Calpin, and E. J. Foderaro, to Consolidated Molded Products Corp. 2,688,159, Cl. 18—42.
- Swartz, Charles K., assignor to Consolidated Molded Products Corporation. 2,679,473, Cl. 204—6.
- Swartz, Curtis R., Suffield, Ohio. Self-sealing closure tube. 2,670,884, Mar. 2.
- Swartz, Edward L., to Automatic Electric Laboratories, Inc. 2,690,479, Cl. 179—18.
- Swartz, Sophia. 2,673,998, Cl. 15—122.
- Swartz, Sophia. 2,677,913, Cl. 45—28.
- Swartzendruber, Omar W. 2,693,672, Cl. 56—26.
- Swasko, Milan E. 2,685,319, Cl. 150—52.
- Sway, Henry C., Louisville, Ky., assignor to General Electric Company. Dishwasher. 2,664,903, Jan. 5.
- Sway, Henry C., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,671,840, Mar. 9.
- Sway, Henry C., assignor to General Electric Company. 2,677,383, Cl. 134—182.
- Swayne, Hugh J., Montreal, Quebec, Canada. Combined backing-up and trouble lamp assembly for motor vehicles. 2,671,848, Mar. 9.

- Swayze, Harry E.: *See*—
Easley, John A., Eden, and Swayze.
- Swazey, Edward H.: *See*—
Olson, Goldie R., and Swazey. 2,676,823.
- Swearingen, Judson S., San Antonio, Tex. Seal forming mechanism. 2,673,752, Mar. 30.
- Swearingen, Judson S., and J. R. Barton, to R. Mollison. 2,690,196, Cl. 146—10.
- Swearingen, Oscar R. 2,678,252, Cl. 312—223.
- Swed, James P.: *See*—
Lilly, Michael M., and Swed. 2,676,542.
- Swedlund, Lloyd E., assignor to Radio Corporation of America. 2,680,204, Cl. 313—76.
- Sweely, James S., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Polymerization of butadiene-1,3 compounds. 2,667,471, Jan. 26.
- Sweeney, B. K., Mfg. Co.: *See*—
Williams, Douglas W. 2,681,230.
- Sweeney, Charles W., assignor of 15 per cent to J. R. Hague, Columbus, Ohio. Welder's work-holding appliance. 2,669,958, Feb. 23.
- Sweeney, Kenneth O.: *See*—
Emanuel, Walter A., Sweeney, and Mahoney.
- Sweeney, Orland R., and L. K. Arnold, Ames, Iowa, and J. T. Long, Auburn, Ala., assignors to Iowa State College Research Foundation, Inc., Ames, Iowa. Plastic from furfural and lignin or lignin sulfonic acid. 2,671,061, Mar. 2.
- Sweer, John H., Collingswood, N. J., assignor to Radio Corporation of America. Servo mechanism integrator. 2,671,610, Mar. 9.
- Sweer, John H., to Radio Corp. of America. 2,688,742, Cl. 340—345.
- Sweet, Donald H.: *See*—
Beltman, George C., and Sweet. 2,679,809.
- Sweet, Floyd H., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Load limiter for speed governors. 2,668,519, Feb. 9.
- Sweet, Helen T.: *See*—
Mollica, Russell R., and Sweet. 2,689,812.
- Sweet, Herman R.: *See*—
Kunz, Eric C., Weston, Jennison, Sweet, and Kitchens.
- Sweet, Monroe H., to General Aniline & Film Corp. 2,680,990, Cl. 88—14.
- Sweet, Theodore R. 2,688,351, Cl. 144—303.
- Sweet, Warren W.: *See*—
Egan, William T., McGhie, Schneider, and Sweet.
- Sweet, Warren W., and W. J. Mead, to Colgate-Palmolive Co. 2,692,236, Cl. 252—137.
- Sweete, Norbert J.: *See*—
Leeds, Walter A., and Sweete. 2,691,960.
- Sweetie Beverages, Inc.: *See*—
Sabalauskas, Stanley J. 2,691,477.
- Sweetman, William G., Houston, Tex. Perforating device for wells. 2,669,928, Feb. 23.
- Sweetman, William G. 2,679,380, Cl. 255—1.
- Sweetser, Sumner B.: *See*—
Welty, Albert B., Jr., and Sweetser. 2,694,623.
- Sweetser, Sumner B., to Standard Oil Development Co. 2,681,305, Cl. 196—52.
- Sweetser, Sumner B., to Standard Oil Development Co. 2,694,624, Cl. 48—197.
- Sweetser, Sumner B., Cranford, and R. H. Mueller, North Plainfield, N. J., assignors to Standard Oil Development Company. Synthesis gas desulfurization. 2,671,722, Mar. 9.
- Sweetser, Sumner B., and D. D. MacLaren, to Standard Oil Development Co. 2,697,733, Cl. 260—683.15.
- Sweigart, Arthur L., to United Carbon Co., Inc. 2,686,560, Cl. 158—11.
- Sweigart, Arthur L., C. W. Snow, and G. H. Smith, to United Carbon Co., Inc. (Maryland). 2,682,450, Cl. 23—259.5.
- Sweitzer, Carl W., assignor to Columbian Carbon Company. 2,680,061, Cl. 23—259.5.
- Swengel, Robert C., York, Pa. Oscillating seat. 2,668,579, Feb. 9.
- Swengel, Robert C., to Aircraft-Marine Products Inc. 2,681,440, Cl. 339—223.
- Swensen, John F.: *See*—
Halvorson, Gaylord H., Lutz, and Swensen.
- Swenson, Alfred G.: *See*—
Finlayson, Frank E., Herman, and Swenson. 2,681,521.
- Swenson, Arvid M. 2,684,796, Cl. 224—42.1.
- Swenson, Carl E., to Borg-Warner Corp. 2,683,508, Cl. 192—45.1.
- Swenson, Carl E., to Borg-Warner Corp. 2,693,868, Cl. 192—45.1.
- Swenson, Edward R.: *See*—
Puls, Alfred E., and Swenson.
- Swenson, Harvey F. 2,687,019, Cl. 62—4.
- Swenson, Harvey F. 2,698,163, Cl. 259—9.
- Swenson, Marcus O., and P. F. Swenson, 37% to O. Wanek, 2% to K. J. Kitchen, 10% to P. F. Swenson, 10% to M. O. Swenson, 4% to M. T. Cooperrider, 11% to W. G. Stupka, 11% to Wilma G. Stupka, trustee, 10% to J. A. Weeks and 5% to E. P. Schneider. 2,692,759, Cl. 257—2.
- Swenson, Oscar J., Crystal Lake, Ill., assignor to The Cuban-American Sugar Company, New York, N. Y., and S. C. Johnson & Son, Inc., Racine, Wis. Solvent stripping apparatus. 2,672,330, Mar. 16.
- Swenson, Otto W.: *See*—
Lundgren, Louis R., and Swenson. 2,690,055.
- Swenson, Paul F.: *See*—
Swenson, Marcus O., and P. F. 2,692,759.
- Swenson, Victor. 2,674,037, Cl. 30—41.
- Swenson, Wyman. 2,696,061, Cl. 43—42.22.
- Swenson, Wyman. 2,696,214, Cl. 131—229.
- Swensson, Einar: *See*—
Iseman, Richard W. 2,690,083.
- Swentzel, John P., assignor to The Carborundum Company, Niagara Falls, N. Y. Heat transfer checker work and unit shapes therefor. 2,667,343, Jan. 26.
- Sweo, Benjamin J., and L. L. Moss, to Ferro Corp. 2,695,249, Cl. 117—70.
- Swern, Daniel: *See*—
Port, William S., O'Brien, and Swern.
- Swertfeger, Harold C. 2,691,262, Cl. 55—118.
- Swezey, Arthur W., Garden Grove, Calif., assignor to The Dow Chemical Company, Midland, Mich. Method and composition for the control of undesirable vegetation. 2,665,204, Jan. 5.
- Swezey, Arthur W., to The Dow Chemical Co. 2,693,407, Cl. 71—2.3.
- Swiderski, Steve S., to International Harvester Co. 2,688,399, Cl. 206—65.
- Swift & Co.: *See*—
Black, Howard C., and Johnson. 2,680,122.
- Clardy, Le Roy. 2,682,653.
- Clemens, Ogden A., Mertens, and Walckhof. 2,697,245.
- Goeser, Paul A., and Lohner. 2,697,664.
- Griffin, Roger L. 2,676,412.
- Hensgen, Bernard T. 2,692,725.
- Hensgen, Bernard T. 2,692,832.
- Hlavacek, Robert J. 2,680,121.
- Hodges, William A., and Floyd. 2,682,337.
- Hovland, Roger M.
- Jensen, Lloyd B., and Hale. 2,681,286.
- Lentz, Irvin R., and Van Dolah.
- Lockhart, Haines B.
- Long, Harry J.
- Luce, Stewart B. 2,677,672.
- Mattil, Karl F., and Sims. 2,691,664.
- Meulemans, Benedict E., and Nelson.
- Mortenson, Everett N.
- Ohlson, John L., and Hoerr. 2,697,729.
- Paddock, Levi S.
- Patterson, William J., and Weissenstein. 2,695,418.
- Prohaska, James J. 2,685,518.
- Sherman, Joseph E., and Jensen. 2,676,105.
- Sherman, Joseph E., and Jensen. 2,681,280.
- Steiner, Charles S. 2,685,388.
- Steiner, Charles S. 2,697,486.
- Thomas, Marion J., and Prohaska. 2,676,890.
- Walker, John J., and Farbak.
- Young, Harland H., and Black. 2,682,550.
- Zoubek, Charles M.
- Swift, George W., Jr., Inc., assignee: *See*—
Bruker, Hobart W. 2,674,299.
- Swift, Gilbert, to Weil Surveys, Inc. 2,691,741, Cl. 313—93.
- Swift, Harvey C., assignor to Bendix Aviation Corporation. 2,679,729, Cl. 60—54.6.
- Swift, John S., Co., Inc., assignee: *See*—
Coughlin, Harry A. 2,677,320.
- Swift, Joseph, and H. D. Jenner, to A. & C. Jenner Ltd. 2,689,123, Cl. 270—61.
- Swift, Morrison V.: *See*—
Garver, Curtis A. 2,694,975.
- Swift, W. Everett, and R. F. Fardy, to Foxboro Co. 2,694,315, Cl. 74—95.
- Swigart, E. & J., Company, The, assignee: *See*—
Moreland, Stephen T. 2,678,052.
- Swihart, John R.: *See*—
Du Fresne, Eugene R., and Swihart.
- Swikart, George. 2,697,377, Cl. 88—20.
- Swim, Harold N., Jr., Des Moines, assignor to Deere Manufacturing Co., Dubuque, Iowa. Cotton picker drum assembly. 2,669,080, Feb. 16.
- Swimmer, Albert T., assignor to The General Fireproofing Company, Youngstown, Ohio. Extension leaf for furniture. 2,667,399, Jan. 26.
- Swindell, Melvin E. 2,681,060, Cl. 128—146.
- Swindells, Frank E., to E. I. du Pont de Nemours and Co. 2,698,235, Cl. 95—8.
- Swinehart, Carl F., and F. J. Burton, Jr., to The Harshaw Chemical Co. 2,697,027, Cl. 23—205.
- Swing-A-Way Manufacturing Company, assignee: *See*—
Moore, Walter E. 2,675,611.
- Swingfire (Bahamas) Ltd.: *See*—
Huber, Ludwig, and Dürr. 2,695,053.
- Swinney, Geneva D., Rockingham County, N. C. Abdominal baby band. 2,672,140, Mar. 16.
- Swire, Morris L. 2,674,161, Cl. 90—15.
- Swisher, Robert D.: *See*—
Bump, Albert H., Marotta, and Swisher.
- Swisher, Robert D., to Monsanto Chemical Co. 2,693,487, Cl. 260—505.
- Swisher, Thomas H., Elmhurst, Ill., assignor to General Electric Company. Kitchen waste disposal apparatus with reversing means. 2,669,395, Feb. 16.
- Switches, Inc.: *See*—
Wolf, Walter A. 2,688,100.
- Switlik Parachute Co., Inc.: *See*—
Moran, Harold J. 2,683,910.

- Switzer, Harry P. 2,693,988, Cl. 312—39.
 Switzer, Joseph L. 2,689,917, Cl. 250—71.
 Switzman, Harry: *See*—
 Magan, Lucien and Switzman.
 Swope, Helen M., executrix: *See*—
 Perry, Eugene L.
 Sydorak, Stephen G., New Haven, Conn., assignor, by
 mesne assignments, to the United States of America as
 represented by the Secretary of War. Microwave at-
 tenuator. 2,666,184, Jan. 12.
 Sydow, Ernest D., St. Louis, Mo., assignor to John E.
 Mitchell Company, Dallas, Tex. Heel forming machine.
 2,664,563, Jan. 5.
 Sykes, Charles: *See*—
 Kirkby, Henry W., and Sykes. 2,693,413.
 Sykes, James M. 2,678,084, Cl. 155—41.
 Sykes, Thomas R., assignor to The Toronto Star Limited,
 Toronto, Ontario, Canada. Stacking device. 2,668,483,
 Feb. 9.
 Sylvan, Joseph, Berkley, Mich. Double pane sash assem-
 bly. 2,670,508, Mar. 2.
 Sylvan, Joseph. 2,694,236, Cl. 20—35.
 Sylvania Electric Products Inc.: *See*—
 Amico, Salvatore F.
 Bailin, Richard C. 2,686,885.
 Baker, Harold E., and Brooks.
 Bowie, Robert M.
 Bowie, Robert M. 2,679,615.
 Brooks, Joseph H.
 Butler, Keith H., and Homer. 2,691,601.
 Carlstrom, Thure H.
 Carter, Emmett F. 2,698,385.
 Collins, Ralph B., Jr. 2,697,805.
 Doran, Robert F. 2,682,022.
 Evans, Lyle W. 2,678,888.
 Fisler, Leland H. 2,677,173.
 Gates, Paul E. 2,697,309.
 Gates, Paul E. 2,697,806.
 Gehrke, Forrest E. 2,680,208.
 Gehrke, Forrest E., and Granger. 2,677,782.
 Goldman, Irwin, and Roberts. 2,697,188.
 Haas, Paul. 2,677,057.
 Harvey, Norman L. 2,690,558.
 Hecht, Benjamin P., and Koury.
 Ingraham, Robert C. 2,697,268.
 Kingston, Donald L., and Leach. 2,683,538.
 Kingston, Walter E., Zavarine, and Bussert.
 2,697,869.
 Kopelman, Bernard, and Wartel. 2,688,032.
 Koury, Frederic. 2,677,793.
 Lanciani, Daniel A. 2,676,306.
 Landrey, Leo R. 2,682,619.
 Lefcourt, Stanley W., and Mayer. 2,698,397.
 Longacre, Henry C. M. 2,691,457.
 Mager, Eric L., and Lowry. 2,684,450.
 McLean, Mark L., and Overmier. 2,696,535.
 Midgley, Eric L., and Young.
 Mitchell, Charles R.
 Morin, Joseph R., Midgley, and Crowley.
 Moses, Robert C.
 Nauth, Edgar K.
 O'Neill, George D. 2,679,591.
 O'Neill, George D., and Eisaman. 2,680,826.
 O'Neill, James V. 2,680,840.
 Pifer, Marion J. 2,693,584.
 Reiter, William L.
 Rich, Gerald C. 2,680,206.
 Roberts, Louis W. 2,678,408.
 Roberts, Louis W. 2,697,800.
 Roeder, Henry W. 2,675,647.
 Roeder, Henry W. 2,691,246.
 Schreiber, William F. 2,698,400.
 Sloan, Howard B. 2,682,621.
 Snyder, William S.
 Sollami, Carl. 2,695,593.
 Stites, Francis H., and Arnold. 2,688,664.
 Szekely, Gustav. 2,690,422.
 Weiss, Mortimer E.
 Weiss, Mortimer E. 2,679,612.
 Yeo, Ernest E., and Johnson. 2,685,268.
 Sylvest, Karl J., assignor to F. L. Smidth & Co. 2,674,810,
 Cl. 34—164.
 Sylvest, Karl J., assignor to F. L. Smidth & Co. 2,676,851,
 Cl. 302—29.
 Sylvester, Anthony M.: *See*—
 Hogan, William J., and Sylvester. 2,698,109.
 Sylvester, Edwin E.: *See*—
 Perkins, John L., and Sylvester. 2,685,572.
 Sylvester, Herbert S., to Colgate-Palmolive Co. 2,698,302,
 Cl. 252—137.
 Sylvester, John C.: *See*—
 Grundy, Walton E., Whitman, Sylvester, Schenck,
 and De Rose. 2,678,929.
 Sylvester Processes, Inc.: *See*—
 Schoenlaub, Robert A. 2,691,443.
 Symington-Gould Corp., The: *See*—
 Blattner, Emil H. 2,675,278.
 Blattner, Emil H. 2,676,713.
 Blattner, Emil H. 2,687,812.
 Couch, Glenn F. 2,676,069.
 Symmons, Paul C. 2,676,615, Cl. 137—595.
 Symonds, Ralph F., Marblehead, assignor to New England
 Trawler Equipment Co., Chelsea, Mass. Electric motor
 controlled winch. 2,671,880, Mar. 9.
 Symonds, William W.: *See*—
 Markowski, Edwin P., and Symonds. 2,680,284.
 Symonds, William W., assignor to New England Trawler
 Equipment Co. 2,679,227, Cl. 114—235.
 Symons, Edgar P. 2,689,593, Cl. 146—71.5.
 Synco Machine Co.: *See*—
 Bruestle, Carl O.
 Bruestle, Carl O. 2,681,544.
 Bruestle, Carl O. 2,689,447.
 Syntex, S. A.: *See*—
 Djerassi, Carl, Rosenkranz, Kaufmann, Pataki, and
 Romo.
 Rozenkranz, George, and Djerassi. 2,676,174.
 Rosenkranz, George, Djerassi, and Romo. 2,697,108.
 Rosenkranz, George, Kaufmann, and Pataki.
 Zaffaroni, Alejandro.
 Syntics Limited, assignee: *See*—
 Hamburg, Herman. 2,676,884.
 Syntro Co.: *See*—
 Cerninara, Sam. 2,694,156.
 Fearn, Richard L. 2,694,127.
 McKelvy, Neville C. 2,686,501.
 Richards, Archer W., and Osterhus.
 Richards, Archer W., and Osterhus. 2,693,832.
 Spurlin, William V. 2,696,292.
 Syreeni, Otto, Helsinki, Finland. Determining and mix-
 ing colors. 2,666,715, Jan. 19.
 Szaloki, Zoltan, and W. J. Senior, Oldham, and A. Knowles,
 West Gorton, Manchester, assignors to T. M. M. (Re-
 search) Limited, Helmsford, Rossendale, England.
 Doffing mechanism for lap-forming machines. 2,669,756,
 Feb. 23.
 Szaniszló, István, Caronno Pertusella (Varese), assignor
 to Siemens Societa per Azioni, Milan, Italy. Arrange-
 ment of the oil pump in motor-compressor groups of
 refrigerating apparatus. 2,668,007, Feb. 2.
 Szarkowski, Joseph M. 2,682,184, Cl. 77—71.
 Szczepanski, Harry: *See*—
 Ruczynski, Narey B., and Szczepanski. 2,683,037.
 Szczepanski, Harry. 2,695,592, Cl. 118—301.
 Szegho, Constantin S., Chicago, Ill., assignor to The
 Rauland Corporation. Image-reproducing device.
 2,673,305, Mar. 23.
 Szegho, Constantin S., and W. O. Reed, Chicago, Ill.,
 assignors to The Rauland Corporation. Storage elec-
 trode for signal-converting devices. 2,667,596, Jan. 26.
 Szegho, Constantin S., W. O. Reed, and M. E. Amdursky,
 Chicago, Ill., assignors to The Rauland Corporation.
 Producing low-glare cathode-ray tubes. 2,670,279, Feb.
 23.
 Szegho, Constantin S., and S. Paksver, assignors to The
 Rauland Corporation. 2,680,213, Cl. 316—4.
 Szegho, Constantin S., and W. O. Reed, to Rauland Corp.
 2,687,492, Cl. 315—12.
 Szekely, George, Tel-Aviv, Israel. Means for aerating
 liquids. 2,668,699, Feb. 9.
 Székely, George, and D. Zerykier. 2,678,044, Cl. 128—194.
 Szekely, Gustav, to Sylvania Electric Products Inc.
 2,690,422, Cl. 204—14.
 Szel, Louis, assignor to Noma Lites, Inc. 2,677,548, Cl.
 273—148.
 Szerlip, Alexander, to Hughes Aircraft Co. 2,697,172,
 Cl. 250—36.
 Sziklai, George C., Princeton, N. J., assignor to Radio
 Corporation of America. Television image pickup sys-
 tem. 2,668,190, Feb. 2.
 Sziklai, George C., assignor to Radio Corporation of Amer-
 ica. 2,676,200, Cl. 178—54.
 Sziklai, George C., to Radio Corp. of America. 2,695,926,
 Cl. 178—72.
 Sziklai, George C., and K. H. Powers, to Radio Corp. of
 America. 2,682,615, Cl. 307—88.
 Sziklai, George C., and F. J. Darke, Jr., to Radio Corp.
 of America. 2,686,220, Cl. 178—56.
 Sziklai, George C., and P. T. Smith, to Radio Corp. of
 America. 2,686,899, Cl. 332—9.
 Szitar, John E., Jr., to The Weatherhead Co. 2,692,112,
 Cl. 251—66.
 Szpilberg, Chaim M., Montreal, Quebec, Canada. Carpet
 gripper. 2,664,589, Jan. 5.
 Szuba, Anthony S., and S. A. 2,686,456, Cl. 88—104.
 Szuba, Stanley A.: *See*—
 Szucs, Joseph. 2,693,664, Cl. 47—1.1.
 Szuba, Anthony S., and S. A. 2,686,456.
 Swarc, Michael M. 2,692,243, Cl. 260—2.1.
 Szydlowski, Joseph. 2,695,498, Cl. 60—39.28.
 Szymaszek, Jan W.: *See*—
 Montgomery, Harold R., and Szymaszek. 2,677,627.
 "T. I. M." (Ticket-Issue Machines) Limited, assignee:
See—
 Ford, Harold F.
 T. M. M. (Research) Ltd.: *See*—
 Hunter, William A.
 Hunter, William A., and Singleton.
 Pierrepont, Donald. 2,683,516.
 Szaloki, Zoltan, Senior, and Knowles.
 Watson, William H., and Osbaldeston.
 T-V Products Company, assignee: *See*—
 Fox, David, and March. 2,680,196.
 Tabberer, George: *See*—
 Graham, Douglas H., and Tabberer. 2,689,707.
 Taber, Dudley A.: *See*—
 Henson, Walter A., Kelly, Taber, Wise, and Schurr.
 2,689,235.

- Taber, George J. 2,697,490, Cl. 180—1.
 Taber, Julius L., 20% to M. J. Taber, and 20% to W. N. Taber. 2,681,790, Cl. 254—86.
 Taber, Meryle J.: *See—*
 Taber, Julius L. 2,681,790.
 Taber, Ralph F. 2,685,829, Cl. 93—77.
 Taber, William N.: *See—*
 Taber, Julius L. 2,681,790.
 Tabern, Donalee L., to Abbott Laboratories. 2,684,367, Cl. 260—279.
 Tabet, Georges E., to E. I. du Pont de Nemours and Co. 2,691,670, Cl. 260—465.
 Tabor Mfg. Co.: *See—*
 Eastwood, Abraham B. 2,693,057.
 Tacey, Arthur E. 2,692,111, Cl. 249—63.
 Tack, Carl E., to American Steel Foundries. 2,692,659, Cl. 188—59.
 Tackaberry, John A., Miami, Fla. Vibration bed. 2,668,530, Feb. 9.
 Tackenberg, Richard C.: *See—*
 Fleischer, Leo S., and Tackenberg.
 Tackett, Benny F. 2,678,577, Cl. 81—57.
 Taco Heaters, Inc.: *See—*
 Grosvenor, William M., Jr., Schoerner, and White. 2,684,686.
 Hencken, Harold G.
 Tacoma Boatbuilding Co., Inc.: *See—*
 Dahl, Halvor A. 2,677,528.
 Tacoma Sash & Door Co., assignee: *See—*
 Leever, Kenneth, and Tubbs. 2,676,366.
 Tactair Inc.: *See—*
 Harcum, William M. 2,682,042.
 Tadano, Bunya, and S. Katagiri, to Hitachi Ltd. 2,688,091, Cl. 250—49.5.
 Tadano, Bunya, and S. Katagiri, to Hitachi Ltd. 2,688,092, Cl. 250—49.5.
 Tadd, Roy W. 2,684,506, Cl. 20—19.
 Taff, Wilfred O.: *See—*
 Hemminger, Charles E., and Taff. 2,697,684.
 Taff, Wilfred O., J. Weikart, and R. W. Eustis, to Standard Oil Development Co. 2,695,264, Cl. 196—50.
 Taft, Ernest A., Schenectady, N. Y., assignor to General Electric Company. Forming a photo emitter. 2,668,778, Feb. 9.
 Taggart, Robert E., and E. H. Thorne, assignors to Lynch Corporation. 2,675,657, Cl. 53—32.
 Tagliaferri, Frank P., and F. T. Gier. 2,674,938, Cl. 99—336.
 Tagliero, Alberto J. 2,678,445, Cl. 2—42.
 Tagmann, Eugen: *See—*
 Hoffmann, Karl, and Tagmann.
 Tainter, Chauncey C. 2,679,834, Cl. 123—55.
 Tainter, George W. 2,674,808, Cl. 33—169.
 Tainter, Maurice L., administrator: *See—*
 Ruddy, Arlo W., and Becker. 2,680,115.
 Tainton, Uryln C.: *See—*
 Noble, James H., Pottberg, and Tainton. 2,678,289.
 Noble, James H., Pottberg, and Tainton. 2,678,290.
 Tait-Clark-Streich Machinery Corp.: *See—*
 Streich, Philip A., Tait, and Clark. 2,685,705.
 Tait, Emmitt P.: *See—*
 Streich, Philip A., Tait, and Clark. 2,685,705.
 Tait, William H., to The Glacier Metal Co., Ltd. 2,689,380, Cl. 18—59.
 Tait, William H., to The Glacier Metal Co. Ltd. 2,691,814, Cl. 29—182.5.
 Takach, Sigmund. 2,683,407, Cl. 98—2.
 Takewell, Robert B., and F. W. Selfridge, assignors to J. M. Huber Corporation. 2,674,522, Cl. 23—314.
 Tal, Bender, Inc.: *See—*
 Parker, William R. 2,695,538.
 Talalay, Anselm, and D. W. Jones, to The Sponge Rubber Products Co. 2,687,979, Cl. 154—101.
 Talalay, Leon, assignor of one-half to The Sponge Rubber Products Company, Shelton, Conn., and one-half to The Dayton Rubber Company, Dayton, Ohio. Apparatus for molding sponge rubber articles. 2,671,931, Mar. 16.
 Talbert, Austin G., assignor to Talbert Construction Equipment Company, Lyons, Ill. Vehicle having a removable section. 2,665,142, Jan. 5.
 Talbert, Austin G., assignor to Talbert Construction Equipment Company, Lyons, Ill. Coupling for tractor and semitrailer units. 2,667,363, Jan. 26.
 Talbert Construction Equipment Company, assignee: *See—*
 Talbert, Austin G.
 Talbert, Norwood K., Yorklyn, Del., assignor to Phillips Petroleum Company. Desulfurization of hydrocarbons by extraction with phenylacetonitrile. 2,666,794, Jan. 19.
 Talbot, Harry, to F. W. Stephens. 2,688,673, Cl. 200—113.
 Talbot, Henry A., Weybridge, assignor to Vickers-Armstrongs Limited, London, England. Power-operated flying control system for aircraft. 2,673,049, Mar. 23.
 Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Article gathering apparatus. 2,671,569, Mar. 9.
 Talbot, Leon G. 2,684,545, Cl. 40—109.
 Talbot, Lee I., Livermore, Calif. Fire extinguishing bomb. 2,665,768, Jan. 12.
 Talbot, Ralph H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic element and method of identification. 2,673,153, Mar. 23.
 Talbot, Richard C.: *See—*
 Ferguson, John L., and Talbot. 2,689,676.
 Talbot, Richard L., Oshkosh, Wis. Container. 2,664,854, Jan. 5.
 Talbot, Thomas W., assignee: *See—*
 Amfiteatrof, Daniele. 2,678,991.
 Talbot Wool Combing Co., Division of Winslow Bros. & Smith Co., assignee: *See—*
 Bullard, Lyman G. 2,674,011.
 Talbott Development Associates: *See—*
 Pattilloch, Donald K. 2,694,633.
 Talbott, Gus E., assignor to Shell Development Company. 2,674,201, Cl. 103—225.
 Talbott, Leonard L., and F. G. Laidlaw. 2,682,136, Cl. 51—56.
 Talboys, Henry H., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Removing ballast with a vertical boom cribbing machine. 2,664,652, Jan. 5.
 Talboys, Henry H., to Nordberg Mfg. Co. 2,684,040, Cl. 104—235.
 Talge, Henry J., assignor to J. C. Hockery, Kansas City, Mo., trustee. Hand-operated coffee mill with self-locking structure for adjustment of size of grind. 2,671,617, Mar. 9.
 Talge, Henry J., and F. E. Aberer, to J. C. Hockery, as trustee. 2,694,855, Cl. 30—9.
 Talge, Henry J., and J. E. Snell, to J. C. Hockery, as trustee. 2,695,644, Cl. 146—182.
 Talkish, Ernest E. 2,687,129, Cl. 128—78.
 Tallada, Alejandro C., 1/2 to F. D. Capilla. 2,687,014, Cl. 60—54.
 Talley, Dolen O. 2,697,586, Cl. 255—76.
 Talley, Hyrum M., assignor, by mesne assignments, to Chicago Bridge & Iron Company. 2,678,987, Cl. 219—8.
 Talley, Samuel K., and T. E. Reamer, to Shell Development Co. 2,682,523, Cl. 252—49.5.
 Talley, Samuel K., S. J. Beaubien, and L. P. Richardson, to Shell Development Co. 2,692,859, Cl. 252—49.3.
 Tallis, Charles E., Handsworth, Birmingham, assignor to Birmingham Tool & Gauge Company Limited, Handsworth, England. Hydraulic impeller or pump. 2,669,185, Feb. 16.
 Tallman, John. 2,681,454, Cl. 5—63.
 Tallman, Laurence C.: *See—*
 McBean, Douglas M., and Tallman. 2,696,776.
 Tallman, Oscar F.: *See—*
 Caruthers, Prosper C., and Tallman. 2,693,086.
 Tallman, William B.: *See—*
 Heth, Sherman C., Krause, and Tallman. 2,681,537.
 Talmey, Paul, and L. S. Matolin, to General American Transportation Corp. 2,695,196, Cl. 302—52.
 Talon, Inc., assignee: *See—*
 Carlile, Alfred E.
 Poux, Noel J. 2,677,163.
 Sundback, Gideon. 2,680,087.
 Tama, Mario, assignor to Ajax Engineering Corporation. 2,674,640, Cl. 13—33.
 Tamarin, Bernard J., assignor to Pull-Packaging, Inc. 2,675,169, Cl. 229—51.
 Tamarin, Bernard J., Flourtown, and A. Meletti, assignors to Vacuum Cleaner Corporation of America, Philadelphia, Pa. Vacuum cleaner with concealed cord-reel. 2,672,642, Mar. 23.
 Tamborini, Rinaldo: *See—*
 Cuonzi, Daniel, and Tamborini. 2,690,309.
 Tamburini, Bruno, to "Flexa" Industria Materie Plastiche S. p. A. 2,694,744, Cl. 136—146.
 Tamburro, Francis P., Teaneck, N. J., and E. F. Le Fevre, Watervliet, assignors to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Presser foot organization. 2,671,422, Mar. 9.
 Tamm, Emil S., to The Hoover Co. 2,690,513, Cl. 310—62.
 Tamm, Richard F.: *See—*
 Bendix, Gordon H., and Tamm. 2,696,589.
 Tammen, Frank H. 2,694,893, Cl. 56—192.
 Tammi, George H., Huntington Park, Calif. Container-piercing liquid dispenser. 2,666,553, Jan. 19.
 Tamminga, William, to Monitor Process Corp. 2,686,613, Cl. 222—80.
 Tamminga, William J., to Wiz-Products, Inc. 2,691,536, Cl. 285—120.
 Tamminga, William J., to Wiz-Products, Inc. 2,695,795, Cl. 285—120.
 Tanaka, Taketsugu. 2,697,938, Cl. 73—94.
 Tanczyn, Harry, to Armco Steel Corp. 2,694,626, Cl. 75—124.
 Tanczyn, Harry, to Armco Steel Corp. 2,696,433, Cl. 75—130.5.
 Tanditter, Benjamin. 2,674,245, Cl. 128—148.
 Tandler, William S., to The Warner & Swasey Research Corp. 2,697,880, Cl. 33—174.
 Tandler, William S., D. S. Walker, and M. Grossman, to The Warner & Swasey Research Corp. 2,697,879, Cl. 33—174.
 Tanexco, Inc., assignee: *See—*
 Tu, Shutung. 2,676,980.
 Tangemann, Albert H., assignor to Be-Ge Manufacturing Co., Gilroy, Calif. Sawmill log loader and turner. 2,665,720, Jan. 12.
 Tanigawa, George: *See—*
 Ellen, Verner G. 2,695,702.
 Tanke, Willard H., to Allis-Chalmers Mfg. Co. 2,685,384, Cl. 222—178.

- Tanke, Willard H., to Allis-Chalmers Mfg. Co. 2,687,238, Cl. 222—135.
- Tanke, Willard H., A. G. Buhr, and J. J. Groth, to Allis-Chalmers Mfg. Co. 2,687,074, Cl. 97—47,11.
- Tanke, Willard H., and J. P. Sexton, Jr., to Allis-Chalmers Mfg. Co. 2,692,543, Cl. 97—47,38.
- Tanke, Willard H., and A. G. Buhr, to Allis-Chalmers Mfg. Co. 2,693,747, Cl. 97—47,43.
- Tanko, Kalman: *See*—
Masheris, Fred A., and Tanko.
- Tannen, Michael, New York, N. Y. Rolling toy. 2,664,669, Jan. 5.
- Tanner, Fred W., Jr., J. E. Lynch, and J. B. Routien, to Chas. Pfizer & Co., Inc. 2,691,618, Cl. 167—65.
- Tanner, Fred W., Jr., J. W. Davisson, A. C. Pinlay, and J. H. Kane, to Chas. Pfizer & Co., Inc. 2,689,854, Cl. 260—327.
- Tanner, Fritz, St. Gallen, assignor to Gebrüder Bühler, Uzwil, Switzerland. Material progressor for machines for cleaning or scouring grain, bran, or like materials. 2,667,905, Feb. 2.
- Tanner, Fritz, to Gebrüder Buhler. 2,690,306, Cl. 241—64.
- Tanner, Glenn A.: *See*—
- Tanner, Lawrence S., $\frac{1}{2}$ to A. Lindinger. 2,682,500, Cl. 204—6.
- Waters, Harold A., Tanner, and North. 2,690,355.
- Tanners' Research Corp.: *See*—
Griffin, Robert H. 2,674,832.
Griffin, Robert H. 2,685,209.
Griffin, Robert H. 2,686,414.
Griffin, Robert H. 2,686,586.
- Tansley, Leslie R., Worthington, assignor to White Castle System, Inc., Columbus, Ohio. Producing quick-freezing and quick-cooking meat patties. 2,670,296, Feb. 23.
- Tao, Deh C., Akron, assignor to Portage Machine Co., Summit County, Ohio. Boring bar. 2,669,890, Feb. 23.
- Taormina, Anthony J.: *See*—
Elliott, Howard A., Kain, Materka, and Taormina. 2,697,820.
- Taphoureau, Fernand L., Cannes, France. Floor unit. 2,668,991, Feb. 16.
- Tapleshay, John A., and C. H. Nordell, to Chicago Pump Co. 2,694,042, Cl. 210—2.
- Taplin, George V., and C. H. Douglas, to the United States of America as represented by the United States Atomic Energy Commission. 2,682,510, Cl. 252—408.
- Taplin, George V., and F. A. Bryan. 2,693,805, Cl. 128—266.
- Taplin, John F.: *See*—
Poitras, Edward J., and Taplin.
- Tapp, Harry F.: *See*—
Mesh, Theodore J., and Tapp. 2,682,026.
- Tapp, Harry F., T. J. Mesh, and J. J. Pacey, to Gilbert & Barker Mfg. Co. 2,693,114, Cl. 73—422.
- Tappan Stove Co., The: *See*—
Groff, Edward H. 2,683,446.
Hoff, John M., and Warner. 2,692,232.
Perl, Richard L. 2,675,870.
Perl, Richard L. 2,693,517.
Pollock, Earl S., Groff, McFarland, and Stichler. 2,683,447.
Sheidler, Robert G., and Clark. 2,678,544.
Sheidler, Robert G., and Clark. 2,683,795.
- Tappmeyer, Ronald A., assignor to Shell Development Company. 2,678,605, Cl. 103—4.
- Tappmeyer, Ronald A., to Shell Development Co. 2,681,705, Cl. 166—114.
- Tarantino, Frank: *See*—
Christopher, George L. M., and Tarantino. 2,675,321.
- Tardel, Kurt. 2,689,921, Cl. 310—112.
- Tardiff, Ray O., Pennington, N. J., assignor to Breyer Ice Cream Company, Philadelphia, Pa. Combination package. Re. 23,806, Mar. 23.
- Tardy, René, Rouen, France. Spectacles. 2,669,903, Feb. 23.
- Taricco, Lawrence, to Lee B. Mettler Co. 2,688,363, Cl. 158—123.
- Tarika, Elio E.: *See*—
Kline, William A., Monick, and Tarika.
- Tarleton, Fred L.: *See*—
Hubacker, Earl F., and Tarleton.
- Tarmann, Bruno, and R. Obauer. 2,690,600, Cl. 22—57,2.
- Tarnay, Kalman M. 2,696,294, Cl. 206—16.
- Tarnopol, Milton S., to Pittsburgh Plate Glass Co. 2,694,649, Cl. 117—54.
- Tarnopol, Milton S., to Pittsburgh Plate Glass Co. 2,694,761, Cl. 201—73.
- Tarr, Philip R. 2,696,116, Cl. 73—351.
- Tartaglia, Richard A.: *See*—
Remington, Frederic, and Tartaglia.
- Tarter, Henry G.: *See*—
Volz, Arthur J., and Tarter.
- Tartter, Arnold, assignor to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,674,601, Cl. 260—314,5.
- Taseos, Socrates G., St. Albans, N. Y. Foldable beach-type umbrella. 2,671,460, Mar. 9.
- Tashjian, David R.: *See*—
Little, Donald G., and Tashjian. 2,697,171.
- Tasker, Clinton W., Upland, Pa., assignor to American Viscose Corporation, Wilmington, Del. Making water-soluble hydroxyalkyl cellulose ethers. 2,667,481, Jan. 26.
- Tasse, Yvon J. 2,691,375, Cl. 128—283.
- Tassell, Leslie E. 2,679,416, Cl. 292—242.
- Tatar, Stanley. 2,680,428, Cl. 121—194.
- Tate, Donald, to David White Co. 2,695,553, Cl. 95—18.
- Tate, Robert: *See*—
Brown, Seymour W., and Tate. 2,683,408.
- Tatko Brothers Slate Co. Inc.: *See*—
Tatko, John. 2,693,926.
- Tatko, John, to Tatko Brothers Slate Co. Inc. 2,693,926, Cl. 248—120.
- Tatter, John W., Re. 23,911, Cl. 220—90.
- Tatter, John W. 2,692,591, Cl. 123—191.
- Tatulle, Ralph: *See*—
Farkas, Eugene, Tatulle, and Lerner. 2,695,651.
- Tau, Bruce E., deceased (C. B. Tau, executrix), to Koppers Co., Inc. 2,686,666, Cl. 266—32.
- Tau, Charity B., executrix: *See*—
Tau, Bruce E. 2,686,666.
- Taube, Karl, to Farbenfabriken Bayer Aktiengesellschaft. 2,692,263, Cl. 260—154.
- Tauber, Gustave M., and J. J. Schultz, to Leeds and Northrup Co. 2,686,665, Cl. 266—5.
- Taussig, John H., Jr., Ambler, assignor, by mesne assignments, to The United Gas Improvement Company, Philadelphia, Pa. Reforming gaseous hydrocarbons. 2,665,979, Jan. 12.
- Tavernetti, James R., assignor to The Regents of The University of California. 2,675,591, Cl. 21—80.
- Taylor, Ada B. 2,686,492, Cl. 116—28.
- Taylor, Albert G. 2,693,159, Cl. 113—50.
- Taylor, Arthur S.: *See*—
Stirn, Frank E., and Taylor. 2,690,038.
Stirn, Frank E., and Taylor. 2,697,314.
Stirn, Frank E., and Taylor. 2,697,315.
Stirn, Frank E., and Taylor. 2,697,317.
- Taylor, Arthur S., and F. E. Stirn, assignors to American Cyanamid Company. 2,674,073, Cl. 53—10,5.
- Taylor, Benjamin C., to the United States of America as represented by the United States Atomic Energy Commission. 2,696,050, Cl. 33—1.
- Taylor, Bert L., Cleveland, Ohio. Self-resetting chock. 2,671,533, Mar. 9.
- Taylor, C. C., and Co. (Proprietary) Ltd.: *See*—
Stables, Fred. 2,695,108.
- Taylor, Charles F., J. C. Livengood, and C. Wallour, assignors to The Texas Company. 2,680,431, Cl. 123—32.
- Taylor, Charles R., to Anthes Force Oiler Co. 2,694,358, Cl. 98—59.
- Taylor, Clarence G. 2,693,920, Cl. 244—15.
- Taylor, Clement F., Lynn, W. E. Briggs, Lynnfield Center, and J. F. Weary, Lynnfield, Mass., assignors to General Electric Company. Multiple photocell structure. 2,668,184, Feb. 2.
- Taylor, Cleo C. 2,674,855, Cl. 61—29.
- Taylor, David C.: *See*—
Brandenburg, Stanley C., and Taylor. 2,681,240.
- Taylor, Douglas E., to Dictaphone Corp. 2,694,108, Cl. 179—100,2.
- Taylor, Eldridge B. 2,683,330, Cl. 46—76.
- Taylor, Flemen C., deceased; C. V. Porter, administrator, $\frac{1}{2}$ to C. V. Porter. 2,695,118, Cl. 222—390.
- Taylor, Francis W.: *See*—
Green, Charles M., Jr. 2,683,356.
Green, Charles M., Jr. 2,683,359.
- Taylor, Furman F., and F. H. Wyman. 2,680,616, Cl. 272—33.
- Taylor, George E., assignor to Monsanto Chemical Company. 2,678,314, Cl. 260—270.
- Taylor, George J., and L. G. Stahlhut, to Day-Brite Lighting, Inc. 2,683,799, Cl. 240—51,11.
- Taylor, Harwood S., Jr., assignor to F. M. Howell & Co., Elmira, N. Y. Folding box packer and carrier. 2,671,584, Mar. 9.
- Taylor, Henry, to Imperial Chemical Industries Ltd. 2,684,960, Cl. 260—123,5.
- Taylor, Herbert C. 2,684,615, Cl. 93—1,3.
- Taylor, Howard W., assignor to The Capitol Machine Company. 2,677,750, Cl. 219—39.
- Taylor, Hugh S., to the United States of America as represented by the United States Atomic Energy Commission. 2,690,380, Cl. 23—204.
- Taylor, Hugh S., to the United States of America as represented by the United States Atomic Energy Commission. 2,690,381, Cl. 23—210.
- Taylor, Humphrey G. 2,683,271, Cl. 9—39.
- Taylor, James, Ardrossan, and J. V. Gregg, West Kilbride, Scotland, assignors to Imperial Chemical Industries Limited. Gelatin blasting explosives. 2,672,411, Mar. 16.
- Taylor, James, A. J. Lowe, and E. G. Cooke, assignors to Imperial Chemical Industries Limited. 2,677,605, Cl. 52—7.
- Taylor, James L., Manufacturing Company, assignee: *See*—
Quick, Lloyd.
- Taylor, John A. 2,678,573, Cl. 81—15.
- Taylor, John E., assignor to Foster Wheeler Corporation. 2,680,603, Cl. 261—22.
- Taylor, John J.: *See*—
Sheadel, John M., and Taylor.
- Taylor, John L., assignor to Keller Tool Company. 2,674,098, Cl. 60—97.

- Taylor, Joseph E., 9% to C. M. Peek, 9% to M. T. Peek, 10% to J. T. Peek, 10% to L. A. Peek, and 10% to M. V. Peek. 2,685,163, Cl. 56—338.
- Taylor, Joseph H. 2,682,140, Cl. 55—81.1
- Taylor, Joseph H. 2,686,395, Cl. 55—81.
- Taylor, Keith M., assignor to Monsanto Chemical Company. 2,678,943, Cl. 260—463.9.
- Taylor, Keith M., assignor to Monsanto Chemical Company. 2,678,945, Cl. 260—463.9.
- Taylor, Lawrence B., A. J. Malavazos, E. A. Davis, and N. H. Bergfelt, to Friden Calculating Machine Co., Inc. 2,692,084, Cl. 235—63.
- Taylor, Leonard: *See—*
Varga, Otto H., Moulton, and Taylor. 2,674,477.
- Taylor, Louis E., Maplewood, Mo. Calendar handling machine. 2,666,638, Jan. 19.
- Taylor, Lucille L., Lincoln, Nebr. Excrement disposal device. 2,664,573, Jan. 5.
- Taylor, Lyman D.: *See—*
Southern, Raymond L., and Taylor. 2,677,710.
- Taylor, Matthew M., to British Celanese Ltd. 2,695,440, Cl. 28—72.
- Taylor, Maurice C., assignor to Mathieson Chemical Corporation. 2,680,672, Cl. 23—190.
- Taylor, Maurice K.: *See—*
Walker, Donald F., and Taylor. 2,686,222.
- Taylor, Maurice K., Toronto, Ontario, Canada, assignor to Ferranti Limited, Hollinwood, England. Indicating apparatus. 2,672,605, Mar. 16.
- Taylor, Maurice K., to Ferranti Ltd. 2,685,611, Cl. 178—19.
- Taylor, Nelson W., White Bear Lake, and B. L. Clark, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Heat-sensitive copying-paper. 2,668,126, Feb. 2.
- Taylor, Norman H. 2,686,166, Cl. 260—28.5.
- Taylor, Norman W., to Harris-Seybold Co. 2,697,983, Cl. 101—348.
- Taylor, Paul H.: *See—*
Wales, George F., and Taylor. 2,684,855.
- Taylor, Paul H., Grand Island, assignor to Wales-Strippit Corporation, North Tonawanda, N. Y. Spring utilizing a compressible solid. 2,668,049, Feb. 2.
- Taylor, Paul H., assignor to Wales-Strippit Corporation. 2,678,695, Cl. 164—118.
- Taylor, Paul H., to Wales-Strippit Corp. 2,681,800, Cl. 267—63.
- Taylor, Paul H., to Wales-Strippit Corp. 2,695,062, Cl. 164—86.
- Taylor, Raymond G., Jr.: *See—*
Davis, Roy C., and Taylor. 2,695,794.
- Taylor, Raymond G., Jr. 2,677,581, Cl. 309—4.
- Taylor, Raymond G., Jr., and T. B. Losey, to The Guiberson Corp. 2,693,974, Cl. 287—103.
- Taylor, Robert S.: *See—*
Whitehill, Lynwood N., and Taylor. 2,686,771.
- Taylor, Robert S. 2,688,218, Cl. 51—184.1.
- Taylor, Robert S. 2,688,219, Cl. 51—184.3.
- Taylor, Roy J.: *See—*
Goett, Edward J., and Taylor. 2,676,960.
- Taylor, Russell C., Greenwich, Conn., assignor to American Can Company, New York, N. Y. Container with flat top and integral overcap. 2,671,596, Mar. 9.
- Taylor, Taylor & Hobson Ltd.: *See—*
Clifford, Thomas W., and Mills. 2,682,804.
- Coleman, Kenneth R. 2,687,063.
- Cook, Gordon H.
- Cook, Gordon H. 2,676,517.
- Taylor, Thomas S., Caldwell, N. J., assignor to Simmons Company, New York, N. Y. Test mattress. 2,666,327, Jan. 19.
- Taylor, W. B.: *See—*
Broyles, Otis T. 2,688,369.
- Taylor, Warren G., assignor to American Television, Inc., Chicago, Ill. Getter for electron discharge devices. 2,668,253, Feb. 2.
- Taylor, Warren G., to American Television, Inc. 2,690,291, Cl. 230—17.
- Taylor, Wesley A.: *See—*
Mast, Gifford M., Gannett, Taylor. 2,693,643.
- Taylor-Wharton Iron and Steel Company, assignee: *See—*
Pryor, William M.
- Taylor, William B.: *See—*
Smith, Joseph D., and Taylor. 2,695,067.
- Taylor, William C. 2,685,291, Cl. 131—229.
- Taylor, William G., assignor to General Electric Company. 2,674,190, Cl. 103—6.
- Taylor, William H.: *See—*
Jeffries, Frank A., and Taylor. 2,690,987.
- Jorgensen, Clarence H., and Taylor.
- Schneider, Paul L., and Taylor. 2,696,121.
- Taylor, William H. 2,689,557, Cl. 123—188.
- Taylor, William P.: *See—*
Montgomery, William J., and Taylor. 2,676,563.
- Montgomery, William J., and Taylor. 2,695,004.
- Zillox, Thomas L., and Taylor. 2,691,606.
- Taylor-Winfield Corporation, The, assignee: *See—*
Hansen, Hans H.
- Riley, Joseph J. 2,676,288.
- Riley, Joseph J., and Dustman.
- Seeloff, Melvin M., and Cooper.
- Tchelitcheff, Serge, assignor to Societe des Usines Chimiques Rhone-Poulenc. 2,674,625, Cl. 260—584.
- Tchelitcheff, Serge, assignor to Societe des Usines Chimiques Rhone-Poulenc. 2,674,626, Cl. 260—584.
- Teague, Merwyn C., assignor to United States Rubber Company. 2,677,872, Cl. 28—80.
- Teague, Merwyn C., to United States Rubber Co. 2,688,578, Cl. 154—49.
- Teague, Walter D., Jr., Alpine, assignor to Bendix Aviation Corporation, Teterboro, N. J. Vapor pressure starter for internal-combustion engines. 2,664,710, Jan. 5.
- Teague, Walter D., Jr., Alpine, assignor to Bendix Aviation Corporation, Teterboro, N. J. Valve means for controlling two independent sources of pressurized fluid. 2,666,449, Jan. 19.
- Teague, Walter D., G. M. Peltz, and M. Immermann, to Continental Can Co., Inc. 2,690,003, Cl. 29—288.
- Teal, Gordon K.: *See—*
Bond, Walter L., Sparks, and Teal. 2,694,024.
- Christensen, Howard, and Teal. 2,692,839.
- Grisdale, Richard O., Pfister, and Teal.
- Little, John B., and Teal. 2,683,676.
- Teal, Gordon K., to Bell Telephone Laboratories, Inc. 2,681,886, Cl. 204—192.
- Teal, Gordon K., to Bell Telephone Laboratories, Inc. 2,682,501, Cl. 204—15.
- Teaster, Durwood, assignee: *See—*
Kirk, Alva M. 2,674,097.
- Tebbs, George W.: *See—*
Backhouse, Headley T., and Tebbs. 2,677,542.
- Tebbs, George W., to H. T. Backhouse. 2,689,730, Cl. 271—27.
- Tebbetts, Herbert E., Jr., and R. B. Henderson, to W. J. Voit Rubber Corp. 2,693,224, Cl. 154—16.
- Tebow, John D. 2,675,181, Cl. 241—266.
- Tecalemit Ltd.: *See—*
Le Clair, Camille C. S.
- Le Clair, Camille C. S. 2,685,201.
- Le Clair, Camille C. S. 2,692,743.
- Tech, Kurt O.: *See—*
Cross, Ralph E., and Tech.
- Techkote Company, Inc., assignee: *See—*
Rood, Ashton B., and Carr.
- Technical Instrument Laboratory, assignee: *See—*
Wilcox, John S. 2,676,488.
- Technical Rubber Company, assignee: *See—*
Griswold, Owen H. 2,674,311.
- Technicolor Motion Picture Corp.: *See—*
Conant, Russell W.
- Howse, Samuel E. 2,682,478.
- Lofquist, Albert P., Jr. 2,679,800.
- Pohl, Wadsworth E. 2,676,116.
- Pohl, Wadsworth E. 2,693,126.
- Warne, Clarence H. 2,681,618.
- Technicon Cardiograph Corp.: *See—*
Marchand, Nathan. 2,684,278.
- Marchand, Nathan, and Pelavin. 2,689,161.
- Technicon Chemical Co., Inc.: *See—*
Ferrari, Andrés. 2,681,298.
- Ferrari, Andres, Jr. 2,684,925.
- Technicon Chromatography Corporation, assignee: *See—*
Gorham, George.
- Technicon International, Ltd., assignee: *See—*
Weiskopf, Edwin C.
- Technology Instrument Corporation, assignee: *See—*
Searle, Raymond W.
- Teichtmann, Herbert F., to H. F. and W. H. Teichtmann, co-partners, d. b. a. Teichtmann Industries. 2,697,473, Cl. 154—42.
- Teichtmann Industries: *See—*
Teichtmann, Herbert F. 2,697,473.
- Teichtmann, Wilbur H.: *See—*
Teichtmann, Herbert F. 2,697,473.
- Tedaldi, John L.: *See—*
Peckron, Bernard, and Tedaldi. 2,676,404.
- Teegardin, Lester A.: *See—*
Scheidt, Joseph, and Teegardin.
- Scheidt, Joseph, and Teegardin. 2,678,000.
- Teeter, Howard: *See—*
Croston, Clarence B., Teeter, and Cowan.
- Teeter, Wilford H., to General Motors Corp. 2,693,089, Cl. 62—89.5.
- Teeter, Wilford H., and J. J. Preotle, to General Motors Corp. 2,690,652, Cl. 62—115.
- Teeters, Wilber O.: *See—*
Mantell, Russell M., Passino, and Teeters. 2,684,987.
- Passino, Herbert J., Teeters, and Mantell.
- Teeters, Wilber O., to The M. W. Kellogg Co. 2,686,738, Cl. 117—65.
- Teetor, Macy O., New Orleans, La. Magnetic door catch. 2,673,111, Mar. 23.
- Teetor, Macy O. 2,690,348, Cl. 292—251.5.
- Teetor, Macy O. 2,690,349, Cl. 292—251.5.
- Teetor, Macy O. 2,690,922, Cl. 292—251.5.
- Teetor, Macy O. 2,693,382, Cl. 292—251.5.
- Teetor, Ralph R. 2,696,398, Cl. 292—64.
- Tegge, Bruce R.: *See—*
Paltz, Walter J., and Tegge.
- Tegge, Bruce R., and C. S. Carlson, Roselle, N. J., and J. Stewart, Brooklyn, N. Y., assignors to Standard Oil Development Company. Para xylene separation process. 2,672,487, Mar. 16.
- Tegler, Laurence T., to A. O. Smith Corp. 2,698,007, Cl. 122—13.
- Tegner, Erik. 2,674,828, Cl. 47—1.2.

- Te Grotenhuis, Theodore A.: *See*—
Swart, Gilbert H., and Te Grotenhuis
- Tegtmann, Milburn G., $\frac{1}{2}$ to J. R. Ladd. 2,695,802, Cl. 292—17.
- Teich, Ernest L., assignor to The American Hardware Corporation, New Britain, Conn. Door lock and latch. 2,666,320, Jan. 19.
- Teichert, Conrad A.: *See*—
Paluch, Milton M., and Telchert.
- Teichmann, Charles F., Crestwood, assignor to Texaco Development Corporation, New York, N. Y. Control system for locking means. 2,665,153, Jan. 5.
- Teichmann, Charles F., to Texaco Development Corp. 2,694,152, Cl. 250—71.
- Teichmann, Lina, assignee, *See*—
Engel, Willy.
- Teichmann, Otmär E.: *See*—
Hall, Harry H., and Teichmann. 2,678,625.
- Teisen, Mogens R. G., Copenhagen, Denmark, assignor to H. and B. Nielsen, New York, N. Y. Device having slidable and rotary parts. 2,664,420, Jan. 19.
- Teitscheid, Alfred F., and D. R. Beeman, Wharton, and H. D. Rutkovsky, Dover, N. J., assignors to the United States of America as represented by the Secretary of the Army. Point initiating fuse for shaped charge projectiles. 2,670,682, Mar. 2.
- Telecommunications Research Ltd.: *See*—
Baker, George T. 2,686,225.
- Telecomputing Corp.: *See*—
Beman, Ward W. 2,684,512.
Beman, Ward W. 2,685,083.
Beman, Ward W., and Caldwell. 2,685,082.
- Telecontrols-International, Inc.: *See*—
Burtman, Leonard M. 2,689,902.
- Telefon Fabrik Automatic A/S, assignee: *See*—
Nielsen, Asger K.
- Telefonaktiebolaget L. M. Ericsson: *See*—
Backmark, Nils E. G., and Sternbeck. 2,679,610.
Diesen, Anton K. 2,683,773.
Eilertsen, Aage, Ingre, Jørgensen, and Wikström. 2,692,304.
Ericsson, Eric A., Jørgensen, and Overby.
Ericsson, Oscar A.
Hullegård, Erik W. 2,680,807.
Jacobaeus, Anton C. 2,679,552.
Ottosson, Olof L. 2,683,080.
Svensson, Regnar H. 2,697,799.
Wikström, Joel E., Lundkvist, and Jørgensen. 2,689,894.
- Telefonbau und Normalzeit Gesellschaft mit beschränkter Haftung: *See*—
Müller, Wilhelm. 2,683,413.
- Telefunken Gesellschaft fuer drahtlose Telegraphie G. m. b. H.: *See*—
Troost, Albert. 2,687,521.
- Tele King Corporation, assignee: *See*—
Oestreicher, Warren J. 2,676,273.
- Telephone Answering and Recording Corporation, assignee: *See*—
Van Deventer, Harry R.
Van Deventer, Harry R., and Bailey.
- Telephone Mfg. Co. Ltd.: *See*—
Foster, William G.
Saraga, Wolja. 2,698,420.
- Telephonics Corporation, assignee: *See*—
Weidenman, William T., Sr. 2,677,730.
Zaug, William C.
- Teleregister Corporation, The, assignee: *See*—
Schmidt, Edwin L.
- Telescope Folding Furniture Co., Inc., The: *See*—
Vanderminden, Robert D. 2,686,527.
- Teletype Corp.: *See*—
Cragg, Richard E.
Gubisch, Erwin A. 2,691,062.
Hattery, Wolfe A. 2,697,763.
Madsen, Berthel F.
Madsen, Berthel F. 2,697,505.
Potts, Louis M. 2,684,996.
Przysiecki, Theodore I. 2,687,265.
Schuler, Reginald G. 2,677,725.
Slayton, Ransom D.
Slayton, Ransom D. 2,687,451.
Swan, Carl W.
Zenner, Walter J.
Zenner, Walter J. 2,675,078.
Zenner, Walter J. 2,677,013.
Zenner, Walter J. 2,678,118.
- Teletypesetter Corp.: *See*—
Goetz, Maurus T.
Martindell, Frank. 2,687,210.
Swan, Carl W.
Zenner, Walter J. 2,679,923.
- Television Accessories, assignee: *See*—
Davis, John W.
- Teleweld, Inc.: *See*—
McKee, Chester W., and R. W. 2,688,725.
- Telkes, Maria. 2,677,243, Cl. 62—4.
Telkes, Maria. 2,677,367, Cl. 126—263.
Telkes, Maria. 2,677,664, Cl. 252—70.
- Tell City Chair Co.: *See*—
Zoercher, Karl J. 2,679,895.
Zoercher, Karl J. 2,697,481.
- Telle, George R.: *See*—
Miller, Frank C., and Telle. 2,683,201.
- Tellefson, Willis. 2,695,006, Cl. 119—48.
- Tellegen, Bernardus D. H.: *See*—
Vos, Jacobus N., and Tellegen. 2,676,308.
- Tellegen, Bernardus D. H., and W. Nijenhuis, to Hartford National Bank and Trust Co., trustee. 2,697,759, Cl. 179—171.
- Tellfors, Herbert G., $\frac{1}{2}$ to Clybourn Machine Corp., and $\frac{1}{2}$ to Plastic Binding Corp. 2,692,397, Cl. 11—4.
- Tellier, Joseph C.: *See*—
Bradley, William E., and Tellier. 2,678,386.
- Tel-O-Tube Corporation of America, assignee: *See*—
Hesse, Kenneth R. 2,676,110.
- Temco, Inc., assignee: *See*—
Bourner, Howard L.
- Temperley, John, to Walmsleys (Bury) Ltd. 2,696,150, Cl. 92—67.
- Temple, Fred: *See*—
Cameron, Mortimer B., and Temple. 2,696,830.
- Temple, Harold F., assignor to P. Lorillard Company. 2,680,522, Cl. 211—85.
- Temple, Hiram E., San Gabriel, Calif., assignor to Read Standard Corporation. Apparatus for removing covers from baking pans. 2,668,002, Feb. 2.
- Temple, Hiram E., San Gabriel, Calif., assignor to Read Standard Corporation. Conveyer stripping apparatus. 2,673,640, Mar. 30.
- Temple, Hiram E., assignor to Read Standard Corporation. 2,676,691, Cl. 198—23.
- Temple, Hiram E., assignor to Read Standard Corporation. 2,676,706, Cl. 209—315.
- Temple, Hiram E., to Read Standard Corp. 2,686,589, Cl. 198—182.
- Temple, Lemuel M., North Haven, assignor to Olin Industries, Inc., New Haven, Conn. Battery. 2,672,498, Mar. 16.
- Temple, Robert, Swissvale, Pa., assignor to Temple Velocity Equipment, Inc., Wilmington, Del. Fastening sheet material to supports. 2,666,252, Jan. 19.
- Temple, Robert, assignor to Temple Velocity Equipment, Inc. 2,677,981, Cl. 81—9.1.
- Temple, Stanley A., Rocky River, Ohio. Projectile launching device. 2,665,421, Jan. 12.
- Temple Velocity Equipment, Inc., assignee: *See*—
Temple, Robert.
Temple, Robert. 2,677,981.
- Templeton, John B., Dallas, Tex. Means and method for facilitating driving piles. 2,673,453, Mar. 30.
- Templeton, John B. 2,680,955, Cl. 61—77.
- Ten Bensch, Erwin, Cambridge, Nebr. Land leveler attachment. 2,671,973, Mar. 16.
- Ten Bosch, Maurits, White Plains, and C. F. Schaefer, Port Washington, assignors to The Norden Laboratories Corporation, White Plains, N. Y. Time of fall computer. 2,673,683, Mar. 30.
- Ten Brink, Karl C.: *See*—
Herzog, Gerhard, and ten Brink.
- Tench, George E.: *See*—
Doll, Howard B., and Tench. 2,677,198.
- Tenenbaum, Leon E.: *See*—
Mast, George W., and Tenenbaum.
Scudi, John V., and Tenenbaum.
- Tenenbaum, Michael, Flossmoor, assignor to Inland Steel Company, Chicago, Ill. Steelmaking process. 2,668,759, Feb. 9.
- Tengesdal, Mikal. 2,692,093, Cl. 242—96.
- Tengstedt, Karl H. 2,677,958, Cl. 72—130.
- Tenisons, Alfreds. 2,691,169, Cl. 2—124.
- Tennant, Frank M.: *See*—
Schwegler, Clarence C., Tennant, and Soderquist. 2,683,123.
- Tennessee Corp.: *See*—
Rueggeberg, Walter H. C. 2,687,362.
- Tennessee Valley Authority, United States of America as represented by the: *See*—
Dale, James A. 2,690,553.
- Tenney, Raymond M., Wilmette, Ill., J. R. Hornaday, and D. H. Reeves, North Muskegon, Mich., assignors to Borg-Warner Corporation, Chicago, Ill. Egg storage compartment for refrigerators. 2,667,758, Feb. 2.
- Tenney, William L. 2,675,670, Cl. 60—35.6.
- Tennison Brothers, Inc., assignee: *See*—
Tennison, James D. 2,674,765.
- Tennison, James D., assignor to Tennison Brothers, Inc. 2,674,765, Cl. 20—1.
- Tennison, James D. 2,685,712, Cl. 20—11.
- Tenoort, Karl H., Berlin-Neukölln, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Differential latch mechanism. 2,666,573, Jan. 19.
- Tenpas, Emerson J.: *See*—
Mojden, Wallace W., and Tenpas. 2,696,301.
- Ten Point Trim Corp.: *See*—
Parrish, William F., Jr., and W. F. Parrish, Sr. 2,686,422.
- Teopilian, Aram, Brooklyn, N. Y. Hair curler. 2,668,546, Feb. 9.
- Teplitz, Abraham J.: *See*—
Kennedy, Harvey T., and Teplitz. 2,697,071.
- Teplitz, Alfred: *See*—
Lorig, Edwin T., and Teplitz. 2,688,216.
- Teplitz, Alfred, assignor to United States Steel Corporation. 2,674,455, Cl. 271—2.6.
- Teplitz, Alfred, assignor to United States Steel Corporation. 2,677,541, Cl. 271—2.6.

- Tepper, John J. 2,690,838, Cl. 206--47.
 Ter Horst, William P., to Mathieson Chemical Corp. 2,690,956, Cl. 23--75.
 Ter Horst, William P., to Mathieson Chemical Corp. 2,690,957, Cl. 23--75.
 Ter Horst, William P., to Olin Mathieson Chemical Corp. 2,696,502, Cl. 260--513.
 Terhune, Robert H. 2,679,250, Cl. 130--20.
 Ter Maat, Lawrence. 2,695,413, Cl. 5--319.
 Ternes, William A. 2,692,664, Cl. 189--46.
 Terrell, Charles E. 2,693,110, Cl. 73--213.
 Terrell, George C.: *See*—
 Rowland, Howard J., and Terrell. 2,694,778.
 Terrell Machine Co., The: *See*—
 Harmon, Albert D. 2,683,291.
 Hinton, Charles V. 2,685,710.
 Hinton, Charles V. 2,685,711.
 Hinton, Charles V., and Ferguson. 2,685,709.
 Terrell, Robert A., Dallas, Tex. Jeweler's watch regulating block. 2,670,642, Mar. 2.
 Terrence Rich Research: *See*—
 Rodgers, James S. 2,697,292.
 Terriere, Oscar J. 2,689,381, Cl. 18--60.
 Terry, Eselle, and H. E. Nordman. 2,675,285, Cl. 311--7.
 Terry, George C., to Kamkap, Inc. 2,686,094, Cl. 311--37.
 Terry, Jerome T., Jr., and E. J. Reeves, assignors to Socony-Vacuum Oil Company, Incorporated. 2,677,152, Cl. 18--58.
 Terry, Merrill H.: *See*—
 Stewart, Fred L., and Terry.
 Terry, Rex A.: *See*—
 Duff, Robert H., and Terry.
 Terry, Rex A., Berkley, and G. C. Kuehn, Huntington Woods, assignors to Chrysler Corporation, Highland Park, Mich. Closure operator. 2,667,221, Jan. 26.
 Terry, Samuel M.: *See*—
 Bostwick, Wallace L., and Terry.
 Terry, Sydney L., St. Clair Shores, assignor to Chrysler Corporation, Highland Park, Mich. Split lockwasher having movement limiting means. 2,665,729, Jan. 12.
 Terry, Trent B. 2,676,327, Cl. 2--224.
 Terry, Victor J., R. H. Dunn, and P. G. Collier, to International Standard Electric Corp. 2,694,802, Cl. 340--163.
 Terwilliger, Ivan M., Santa Monica, Calif. Light gate iris. 2,672,799, Mar. 23.
 Terwilliger, Tompkins W.: *See*—
 Brown, Alfred S., and Terwilliger. 2,690,375.
 Terzi, Paolo. 2,685,933, Cl. 170--160.57.
 Tesch, Alexander O. 2,686,502, Cl. 123--25.
 Tesch, Erik T. A., Stockholm, and I. E. Johansson, Alvsjo, Sweden. Apparatus for charging shaft furnaces. 2,667,278, Jan. 26.
 Tesch, Erik T. A., and I. E. Johansson. 2,674,382, Cl. 214--36.
 Tesla slaboproude a radiotechnicke zavody, narodni podnik, assignee: *See*—
 Carniol, Bohdan.
 Tesoro, Giuliana C.: *See*—
 Wakeman, Reginald L., and Tesoro. 2,676,986.
 Tesoro, Giuliana C., and R. L. Wakeman, assignors to Onyx Oil & Chemical Company. 2,680,769, Cl. 260--567.6.
 Tess, Roy W. H.: *See*—
 Jakob, Robert H., Tess, and Bradley.
 Tessner, Ezra E., and A. D. Gunderson, to George Gorton Machine Co. 2,684,018, Cl. 90--56.
 Test, Meyer J.: *See*—
 Krasnow, Shelley, and Test.
 Testa, Aldo P., to Produtos Quimicos Guarani S/A. 2,692,709, Cl. 222--566.
 Testa, Samuel R. 2,682,267, Cl. 128--172.
 Test Equipment Ltd.: *See*—
 Moss, Ivan D. F. 2,690,792.
 Testi, Nicholas, assignor to The Gillette Company. 2,676,396, Cl. 30--40.
 Testi, Nicholas, to The Gillette Co. 2,696,293, Cl. 206--16.
 Teszner, Stanislas. 2,675,477, Cl. 250--37.
 Tetart, Emile: *See*—
 Lucien, René, and Tetart. 2,691,804.
 Teter, John W., and B. S. Friedman, Chicago, Ill., assignors, by mesne assignments, to Sinclair Oil and Gas Company, Tulsa, Okla. Petroleum production process. 2,669,306, Feb. 16.
 Tetrault, Philip A., assignor to Purdue Research Foundation. 2,676,133, Cl. 167--65.
 Tetrault, Philip A., and E. Stark, to Purdue Research Foundation. 2,695,863, Cl. 195--66.
 Tetric, Paul D.: *See*—
 Mercola, Archibald A., and Tetric.
 Tetro, Roland G., assignor to The E. Ingraham Company, Bristol, Conn. Drive-control for synchronous motors. 2,673,939, Mar. 30.
 Tetzlaff, Earl, assignor, by mesne assignments, to The Earle Corporation. 2,677,841, Cl. 15--202.
 Tetzlaff, Ralph. 2,677,866, Cl. 24--279.
 Teves, Marten C., and T. Tol, to Hartford National Bank and Trust Co., as trustee. 2,681,420, Cl. 313--65.
 Tew, Joseph F., to Glen Raven Knitting Mills, Inc. 2,695,507, Cl. 66--182.
 Tewksbury, John M., and A. A. Hemphill, to Bendix Aviation Corp. 2,684,480, Cl. 343--121.
 Texaco Development Corp.: *See*—
 Harris, Rhett G., and Strawinski. 2,680,058.
 Mulligan, Rex P. 2,676,147.
 Rees, Harry V., and Tirico. 2,677,780.
 Sellers, Frederick B.
 Strawinski, Raymond J.
 Teichmann, Charles F.
 Teichmann, Charles F. 2,694,152.
 Texas Co., The: *See*—
 Allen, Joseph C. 2,676,092.
 Arnold, George B., and Hess. 2,691,034.
 Arnold, George B., Hess, Truitt, and Fitzwilliam.
 Atwell, Harold V. 2,680,065.
 Atwell, Harold V. 2,680,126.
 Atwell, Harold V. 2,681,852.
 Barber, Everett M. 2,691,968.
 Barber, Everett M. 2,692,587.
 Bos, Louis B., and McCoy. 2,681,891.
 Carkeek, Charles R.
 Coghlan, Charles A. 2,684,896.
 Clark, William A. 2,677,428.
 Cramer, David L. 2,697,062.
 Dilworth, John P., Culbane and Ashburn. 2,690,998.
 Dilworth, John P., Finn, and Puryear.
 Duvall, William J.
 Eckert, George W., and Langer.
 Evans, Leon M.
 Fariss, Robert E. 2,695,876.
 Fenney, William N., and Reynolds. 2,685,869.
 Fitzwilliam, James W., and Arnold.
 Glassmire, William F., and Phillips.
 Grahame, James H., Kavanagh, and Whaley.
 Haskell, Nelson B. 2,692,191.
 Harris, Rhett G., and Strawinski. 2,697,061.
 Heisig, Theodore C. 2,685,502.
 Heisig, Theodore C. 2,693,451.
 Herzog, Gerhard. 2,675,480.
 Herzog, Gerhard. 2,678,397.
 Herzog, Gerhard. 2,678,398.
 Herzog, Gerhard, and McKay. 2,686,881.
 Herzog, Gerhard, and ten Brink.
 Hess, Howard V., and Arnold. 2,697,122.
 Hess, Howard V., Arnold, and Skelton. 2,686,755.
 Hess, Howard V., and Knowles. 2,681,369.
 Johnston, Rowland W., Jr. 2,674,319.
 Kane, Vernon H., and Bellville. 2,676,141.
 Kemp, Lebbeus C., Jr. 2,694,074.
 Kluge, Herman D., and Moore.
 Kreuz, Kenneth L. 2,686,185.
 Lee, Burton D., and Herzog. 2,683,563.
 MacKnight, John D. 2,692,949.
 Malin, Jay B. 2,694,003.
 McCoy, Frederic C., Benge, Knowles, and Towne. 2,674,577.
 McKinley, John K. 2,681,357.
 Meadows, James L. 2,674,567.
 Meadows, James L. 2,689,820.
 Morris, John R., and Roach. 2,685,600.
 Nelson, Roy F. 2,693,450.
 Oosterhout, Johan C. D., and Pingrey. 2,674,566.
 Pever, Ernest F., and Arnold. 2,685,607.
 Rambo, Marvin L. 2,683,159.
 Ritchey, Richard C. 2,690,134.
 Robinson, Harry R. 2,693,463.
 Roden, Harry. 2,697,072.
 Rosenthal, Robert W., and Naragon.
 Ruidisch, Louis E., and Eastman. 2,694,075.
 Ruidisch, Louis E., and Pever. 2,681,300.
 Shea, Joseph L., Jr., Chandler, and Trusdel. 2,685,340.
 Shook, Austen M. 2,676,660.
 Sokol, Samuel J. 2,696,473.
 Taylor, Charles F., Livengood, and Wallour. 2,680,431.
 Throckmorton, Morford C., Beck, and Rambo. 2,692,888.
 Truitt, James K., and Arnold.
 Watson, Claude W.
 Watson, Claude W. 2,690,449.
 Weiss, Walter J.
 Texas Gulf Sulphur Co.: *See*—
 Conroy, Edward H., Jr., and Haines. 2,687,344.
 Johnstone, Henry F. 2,676,090.
 Texas Instruments Incorporated assignee: *See*—
 Haggerty, Patrick E., and Olson.
 Worden, Samuel P. 2,674,887.
 Texas Machine Attachment Co.: *See*—
 Tice, Richard E. 2,684,041.
 Texicon Corporation, assignee: *See*—
 Ladisch, Rolf K. 2,674,025.
 Textile Engineering Corporation, assignee: *See*—
 Butler, Richard K. 2,678,473.
 Butler, Richard K. 2,678,474.
 Cotchett, Louis M. 2,678,475.
 Textile Equipment Corp.: *See*—
 Dodenhoff, William D. 2,694,834.
 Textile Machine Works: *See*—
 Autem, Fred. 2,679,358.
 Bauer, Kurt P. 2,684,582.
 Fegley, Charles R. 2,688,861.
 Hachnel, Herbert E. 2,682,164.
 Textile Marking Machine Co., Inc.: *See*—
 Braun, Philip N., and Filsinger. 2,693,594.

- Textile Trimming and Boarding Machine Company, assignee: *See*—
Auton, Claud C.
Tey Manufacturing Corporation, assignee: *See*—
Pierce, Wayne M., Jr. 2,676,471.
Thacker, Thomas L. 2,679,397, Cl. 273—136.
Thackeray, Charles K., assignor to Rehabilitation Center for the Physically Handicapped, Incorporated, Stamford, Conn. Crutch. 2,665,701, Jan. 12.
Thalheid, Fred A., Bren, assignor to Diesel Power, Inc., Los Angeles, Calif. Operating spark ignition engines. 2,673,554, Mar. 30.
Thain, Eric M.: *See*—
Baddiley, James, and Thain. 2,676,976.
Thalhammer, Karl W. 2,679,362, Cl. 242—70.
Thalhammer, Karl W. 2,691,491, Cl. 242—74.
Tharby, Frederick D. 2,697,413, Cl. 119—17.
Tharpe, Bernard: *See*—
McAninch, Herbert A., and Tharpe. 2,697,355.
Tharrington, Walter F. 2,692,790, Cl. 296—3.
Thatcher, Clyde G. 2,683,589, Cl. 256—73.
Thatcher, Lewis E.: *See*—
Gaylord, James K., and Thatcher. 2,698,364.
Gaylord, James K., and Thatcher. 2,698,365.
Thatcher, Lewis E., assignor to Gaylord Products, Incorporated. 2,678,977, Cl. 200—52.
Thatcher, Ralph H. 2,691,411, Cl. 155—158.
Thau-Jensen, Orla, Hurup, Thy, Denmark. Handpiece for rotary tools, especially for dentists' use. 2,666,259, Jan. 19.
Thaulow, Sven. 2,696,733, Cl. 73—54.
Thaxton, Luther C., assignor to Lane-Wells Company. 2,678,101, Cl. 166—13.
Thayer, Clarence H., Wallingford, assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for pneumatically elevating contact material. 2,665,172, Jan. 5.
Thayer, Clarence H., assignor to Sun Oil Company. 2,674,496, Cl. 302—25.
Thayer, Clarence H., assignor to Sun Oil Company. 2,674,497, Cl. 302—57.
Thayer, Clarence H., assignor to Sun Oil Company. 2,674,498, Cl. 302—59.
Thayer, Clarence H., assignor to Sun Oil Company. 2,674,499, Cl. 302—59.
Thayer, Clarence H., and N. F. King, assignors to Sun Oil Company. 2,678,133, Cl. 210—64.
Thayer, Clarence W. 2,679,226, Cl. 114—208.
Thayer, Inc., assignee: *See*—
Wiley, Harry A.
Thayer, Victor R.: *See*—
Moses, Douglas V., and Thayer. 2,697,696.
Thebault, Louis: *See*—
Arbeit, Pierre, and Thebault. 2,686,820.
Thebodeau, Henry E. 2,679,697, Cl. 33—199.
Theenhäusen, Heinrich, assignor to Anker-Werke A. G., Bielefeld, Germany. Portable sewing machine. 2,665,653, Jan. 12.
Theile, Richard, to Pye Ltd. 2,696,523, Cl. 178—6.8.
Theis, Arthur J.: *See*—
Theis, Harold T., W. C., and A. J. 2,678,666.
Theis, Elmer E. 2,687,696, Cl. 103—150.
Theis, Frederic A., assignor to H. S. Bodanis. 2,674,911, Cl. 81—244.
Theis, Harold T., W. C., and A. J. 2,678,666, Cl. 138—93.
Theis, Walter C.: *See*—
Theis, Harold T., W. C., and A. J. 2,678,666.
Theisen, John P.: *See*—
Farr, Edward A., and Theisen. 2,690,709.
Thelander, W. Vincent, assignor to Dana Corporation. 2,674,863, Cl. 64—27.
Thelemarck, Thor: *See*—
Dreyfus, Ludwig, Thelemarck, Beckius, and Lindström.
Theobald, Clement W., assignor to E. I. du Pont de Nemours and Company. 2,675,392, Cl. 260—343.9.
Theobald, Delbert A., assignor to Container Corporation of America. 2,675,437, Cl. 200—61.18.
Theodore, David T. 2,696,013, Cl. 10—50.
Thermactor Company, assignee: *See*—
Ackley, Charles S.
Thermal Research and Engineering Corp.: *See*—
Przozowski, Witold. 2,697,910.
Peskin, Leonard C. 2,690,051.
Thermo Projects Inc.: *See*—
Haynes, George P., and Letvin. 2,688,360.
Thermoid Company, assignee: *See*—
Wirth, Hans. 2,676,761.
Theroux, George P.: *See*—
Hirschmann, Jack B., and Theroux. 2,680,882.
Therrien, Medley. 2,674,971, Cl. 115—26.
Thessen, Wayne H.: *See*—
Urmann, Benjamin H., Whitehill, and Thessen. 2,690,713.
Thew Shovel Co., The: *See*—
Zeilman, Roy H., and Smythe. 2,674,333.
Zeilman, Roy H. 2,697,644.
Thexton Mfg. Co.: *See*—
Worel, Glen J. 2,677,557.
Worel, Glen J. 2,689,276.
Thias, Edwin P., to Standard Coil Products Co., Inc. 2,682,643, Cl. 336—79.
Thias, Edwin P., to Standard Coil Products Co. Inc. 2,695,963, Cl. 250—40.
Thibault, Arthur L., Fall River, Mass. Doff safety bracket for looms. 2,668,561, Feb. 9.
Thibault, Joseph O., assignor to Casco Products Corporation. 2,678,794, Cl. 248—291.
Thibault, Joseph O., assignor to Casco Products Corporation. 2,679,704, Cl. 38—77.
Thiele, Berthold R., assignor to Speed Queen Corporation, Ripon, Wis. Domestic laundering machine. 2,665,576, Jan. 12.
Thiele, Wolfgang E., to A. C. J. Opfermann. 2,695,318, Cl. 260—611.
Thielert, Hermann, and F. Baumann, to Farbenfabriken Bayer Aktiengesellschaft. 2,693,469, Cl. 260—263.
Thiexel Plastics Corp.: *See*—
De Matteo, Dante E. 2,686,745.
Thielicke, Ernst. 2,691,224, Cl. 33—166.
Thierfelder, Charles W., assignor to Radio Corporation of America. 2,676,154, Cl. 252—301.6.
Thies, Adolf, Nienburg (Weser), Germany. Spark plug. 2,672,577, Mar. 16.
Thill, Cecilia E. 2,685,091, Cl. 2—204.
Thill, Frank J.: *See*—
Kazial, Louis M. 2,681,052.
Thimmes, George E., and R. M. Radl. 2,692,992, Cl. 4—235.
Thirsk, James H., to American Chemical Paint Co. 2,698,266, Cl. 148—6.2.
Thirtle, John R.: *See*—
Vittum, Paul W., Weissberger, and Thirtle. 2,675,314.
Tholstrup, Clarence E.: *See*—
Bell, Alan, Knowles, and Tholstrup. 2,682,474.
Bell, Alan, Knowles, and Tholstrup. 2,682,563.
Tholstrup, Henry L., to International Business Machines Corp. 2,689,686, Cl. 235—92.
Thoma, Heinrich, assignee: *See*—
Janner, Karl. 2,675,666.
Thomann, Fred A.: *See*—
Bopf, Edward C., and Thomann.
Thomas, Albert G. 2,697,341, Cl. 68—205.
Thomas, Albert R.: *See*—
Kell, Robert M., and Thomas. 2,686,160.
Thomas, Arnold J.: *See*—
Oxnard, Benjamin A., Criswell, and Thomas.
Thomas, Arthur, to British Telecommunications Research Ltd. 2,686,849, Cl. 179—175.3.
Thomas, Arthur, and A. H. Gausden, to Powers-Samas Accounting Machines Ltd. 2,697,601, Cl. 271—44.
Thomas Associates: *See*—
Thomas, Howard P. 2,692,746.
Thomas, Berwyn B.: *See*—
Gray, Kenneth R., Thomas, and Schlosser. 2,692,877.
Thomas & Betts Co., The: *See*—
Badeau, Carroll A. 2,687,149.
Bergan, Martin D.
Bergan, Martin D. 2,675,774.
Bergan, Martin D. 2,696,747.
Thomas, George C., Jr., and Weber. 2,679,032.
Thomas, Charles C., and H. W. Carnes, deceased (by F. M. Carnes, executrix). 2,683,935, Cl. 33—148.
Thomas, Charles H., to Radio Corp. of America. 2,686,735, Cl. 117—33.26.
Thomas, Charles L., Winnetka, Ill. Production of fluoro-olefins. 2,673,884, Mar. 30.
Thomas, Chester A.: *See*—
Babson, Henry B., and Thomas. 2,676,743.
Merritt, Thomas W., and Thomas. 2,674,979.
Merritt, Thomas W., and Thomas. 2,680,452.
Thomas, Chester A., assignor to Babson Bros. Co. 2,676,560, Cl. 116—117.
Thomas, Chester A., to Babson Bros. Co. 2,692,577, Cl. 119—27.
Thomas, Cromwell E., Washington, D. C., assignor to Electro-Therm, Incorporated, Silver Spring, Md. Assembling an electrical heating unit of the liquid immersion type. 2,670,529, Mar. 2.
Thomas, David F.: *See*—
Thomson, Leroy A., and Thomas.
Hill, Robert A., and Thomas. 2,683,420.
Thomas, Donald F.: *See*—
Fischer, Paul E., Sturdevant, and Thomas. 2,681,722.
Thomas, Donald G., assignor to The Upjohn Company, Kalamazoo, Mich. 2-diphenylacetyl-1,3-indandione and salts thereof. 2,672,483, Mar. 16.
Thomas, Donald G., to The Upjohn Co. 2,691,049, Cl. 260—615.
Thomas, Earl E. 2,675,605, Cl. 29—116.
Thomas, Edward B.: *See*—
Allan, John, and Thomas.
Thomas, Edward M., College Park, and A. J. Barry, University Park, Md. Suspension roof support. 2,667,037, Jan. 26.
Thomas, Edward M., and A. J. Barry, to Super-Grip Anchor Bolt Co., Inc. 2,696,137, Cl. 85—2.
Thomas, Frank M., to Bell Telephone Laboratories, Inc. 2,682,775, Cl. 74—125.
Thomas, Frank S., Jr., to Development Corp., Inc. 2,688,390, Cl. 192—105.
Thomas, George C., Jr., and W. H. Weber, assignors to The Thomas & Betts Co. 2,679,032, Cl. 339—246.
Thomas, George W.: *See*—
Heritage, Clark C., and Thomas. 2,686,461.
Thomas, Gerald B., to Signal Oil and Gas Co. 2,690,672, Cl. 73—300.

- Thomas, Gerald B., to Signal Oil and Gas Co. 2,690,673, Cl. 73—345.
- Thomas, Gerald B., to Signal Oil and Gas Co. 2,690,674, Cl. 73—345.
- Thomas, Glenn M.: *See—*
Ersen, Erik G., and Thomas.
- Thomas, Glenn M., to Westinghouse Air Brake Co. 2,690,932, Cl. 303—22.
- Thomas, Glenn M., to Westinghouse Air Brake Co. 2,692,167, Cl. 303—68.
- Thomas, Glenn M., to Westinghouse Air Brake Co. 2,697,011, Cl. 303—22.
- Thomas, Guy E. 2,678,682, Cl. 155—112.
- Thomas, Harland, and P. T. Ash, to General Clarifier Corp. of America. 2,690,264, Cl. 210—134.
- Thomas, Harry, Detroit, Mich. Throttle control for internal-combustion engines. 2,672,855, Mar. 23.
- Thomas, Helen T., Montclair, N. J. Adjustable collar. 2,669,723, Feb. 23.
- Thomas, Howard P., to Thomas Associates. 2,692,746, Cl. 248—74.
- Thomas Hydraulic Speed Controls, Inc., assignee: *See—*
Gasche, Scott H.
- Thomas Industries Inc., assignee: *See—*
Boutelle, Allen O. 2,680,841.
- Thomas, James A., to United States Steel Corp. 2,682,330, Cl. 198—33.
- Thomas, James R., Deerfield, assignor to J. A. Weber, Mount Prospect, Ill. Hand stamping stencil holder. 2,667,119, Jan. 26.
- Thomas, John A., and E. W. Albrecht. 2,697,624, Cl. 289—17.
- Thomas, John C., assignor to E. I. du Pont de Nemours and Company. 2,680,758, Cl. 260—439.
- Thomas, John E.: *See—*
Dean, Raymond M., Cashman, and Thomas. 2,688,643.
- Thomas, John H., assignor to United States Steel Corporation. 2,674,913, Cl. 85—8.8.
- Thomas, John J. 2,692,496, Cl. 72—124.
- Thomas, Joseph J., assignor to S. D. Warren Company. 2,676,118, Cl. 117—82.
- Thomas, Joseph R. 2,677,412, Cl. 155—116.
- Thomas, Junior W. 2,687,900, Cl. 280—515.
- Thomas, Laurence H., Birmingham, assignor to American Electrical Heater Company, Detroit, Mich. Electrically heated tool. 2,665,364, Jan. 5.
- Thomas, Laurence H., Birmingham, assignor to American Electrical Heater Company, Detroit, Mich. Electrically heated tool. 2,665,365, Jan. 5.
- Thomas, Lewis C. 2,681,184, Cl. 242—45.
- Thomas, Marion J., and J. J. Prohaska, assignors to Swift & Company. 2,676,890, Cl. 99—171.
- Thomas, Maurice A. E., La Louviere, Belgium. Apparatus for reducing the friction of water on the hull of a ship. 2,669,961, Feb. 23.
- Thomas, May M. 2,688,961, Cl. 128—133.
- Thomas, McCalip J., to A. E. Staley Mfg. Co. 2,691,035, Cl. 260—461.
- Thomas, Mifflin K.: *See—*
Heckathorn, Loyd E., and Whitcomb. 2,687,680.
- Thomas, Milfred K. 2,682,582, Cl. 200—87.
- Thomas, Orrin H., assignor to R. W. Fuller. 2,678,491, Cl. 30—92.
- Thomas, Orrin H., 50% to J. G. Saricks. 2,682,651, Cl. 339—231.
- Thomas, Percy H., Washington, D. C. Polygon cone draft tube. 2,668,686, Feb. 9.
- Thomas, Raymond E., to E. I. du Pont de Nemours & Co. 2,682,484, Cl. 117—68.5.
- Thomas, Raymond H.: *See—*
Howard, John G., and Thomas.
- Thomas, Richard: *See—*
Savidge, Leslie N., and Thomas. 2,690,453.
- Thomas, Richford A. 2,685,391, Cl. 223—68.
- Thomas, Robert J., Cherokee, Iowa. Machine for disintegrating the debris in field crop rows. 2,672,718, Mar. 23.
- Thomas, Robert M.: *See—*
Ernst John L., and Thomas. 2,682,531.
- Thomas, Robert M., and A. B. Small, to Standard Oil Development Co. 2,694,054, Cl. 260—85.3.
- Thomas, Sherman A., Rochester, N. Y. Feeding tube for butter serving machines. 2,669,020, Feb. 16.
- Thomas, Theodore B., and V. L. Brown. 2,674,070, Cl. 51—135.
- Thomas, Thomas H., E. R. Price, and R. H. Long, to Bendix Aviation Corp. 2,695,531, Cl. 74—365.
- Thomas, Thomas R., to Auto Research Corp. 2,691,428, Cl. 184—6.
- Thomas, Walter M., assignor to American Cyanamid Company. 2,679,494, Cl. 260—45.2.
- Thomas, Walter M., to American Cyanamid Co. 2,689,228, Cl. 260—2.1.
- Thomas, Walter M., to American Cyanamid Co. 2,689,238, Cl. 260—45.2.
- Thomas, William D., Jr.: *See—*
Hook, Edwin O., and Thomas. 2,695,273.
- Thomasson, Charles H. 2,691,788, Cl. 15—244.
- Thomasson, Charles H. 2,694,213, Cl. 15—244.
- Thomco Mfg. Co., Inc., assignee: *See—*
Thompson, Gaylord G.
- Thomes, Charles E., and W. H. Norris, Portland, Maine. Work gauge for use in forming joints in pattern or like sections. 2,673,582, Mar. 30.
- Thompson, Ada H., assignee: *See—*
Haughy, James C.
- Thompson, Albert: *See—*
Shaw, Harry, Thompson, and Wood. 2,680,093.
- Thompson, Alonzo Z., Selma, N. C. Apparatus for discharging finely divided materials under pressure. 2,668,388, Feb. 9.
- Thompson, Arthur H., to Thompson-Bremer & Co. 2,689,667, Cl. 221—170.
- Thompson, Arthur M.: *See—*
Hollway, David L., and Thompson.
- Thompson, Benjamin L., Springfield, Colo. Vehicle tow line. 2,668,063, Feb. 2.
- Thompson, Bert H., to American Telephone and Telegraph Co. 2,684,997, Cl. 179—6.5.
- Thompson, Bessie P. 2,690,030, Cl. 43—132.
- Thompson, Boyd W., to the United States of America as represented by the United States Atomic Energy Commission. 2,681,416, Cl. 250—71.
- Thompson-Bremer & Co.: *See—*
Thompson, Arthur H. 2,689,667.
- Thompson, Brockman E., West Palm Beach, Fla. Hold-down shoe for dado machines. 2,671,479, Mar. 9.
- Thompson, Burt W.: *See—*
Harrington, Pete, and Thompson. 2,696,594.
- Thompson, Clarence S., and G. E. Clark, Long Beach, Calif. Combination pressure and vacuum tank. 2,664,911, Jan. 5.
- Thompson, Claude C. 2,681,111, Cl. 166—235.
- Thompson, Clyde L.: *See—*
Birch, Raymond E., and Thompson.
- Thompson, Donald C., to American Viscose Corp. 2,692,464, Cl. 53—102.
- Thompson Electric Company, The, assignee: *See—*
Farrington, Robert K. and T. B., and Kurzenberger.
- Thompson, Ellis W.: *See—*
Daigle, Bert J. 2,680,908.
- Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Corporation, Philadelphia, Pa. Phonograph apparatus. 2,670,210, Feb. 23.
- Thompson, Elton H.: *See—*
Brooks, Edward H., Jr. 2,683,365.
- Thompson, Ernest H. 2,679,112, Cl. 34—53.
- Thompson, Ernest H., to Automatic Canteen Co. of America. 2,685,393, Cl. 226—46.4.
- Thompson, Floyd O. 2,690,187, Cl. 135—20.
- Thompson, Frank R., and W. D. Bell, to The Falls Stamping and Welding Co. 2,690,599, Cl. 20—57.5.
- Thompson, Gaylord G., assignor to Thomco Mfg. Co., Inc., Redwood City, Calif. Cylinder support means for rotary tape printing presses. 2,668,496, Feb. 9.
- Thompson, George E.: *See—*
Goodmann, Eugene P., and Thompson. 2,690,419.
- Thompson Grinder Co., The: *See—*
Ernst, Walter. 2,682,748.
- Thompson, H. I., Co., The: *See—*
Biordi, Albert S., and Warner.
Parker, Leon. 2,686,954.
- Thompson, Harold J., Minneapolis, Minn. Dental articulator. 2,670,538, Mar. 2.
- Thompson, Harry, assignor to La Télémechanique Electrique (Société Anonyme). 2,679,561, Cl. 200—87.
- Thompson, Harry E., Steubenville, Ohio. Air compensator for gas burners. 2,670,034, Feb. 23.
- Thompson, Herried L., Portland, Oreg. Fifth wheel for vehicles. 2,673,746, Mar. 30.
- Thompson, Irving C., assignor, by mesne assignments, to L. C. Schwartz. 2,674,347, Cl. 187—12.
- Thompson, Jacqueline E., administratrix: *See—*
Thompson, Ralph L.
- Thompson, James B.: *See—*
Wilson, Lorenz H., and Thompson. 2,684,291.
- Thompson, James R., and E. R. Traxler, to The B. F. Goodrich Co. 2,682,334, Cl. 198—903.
- Thompson, John, deceased (by N. Thompson, administratrix), and W. L. Benninghoff, to The Pipe Machinery Co. 2,690,572, Cl. 10—107.
- Thompson, John M.: *See—*
Harrison, George C., and Thompson. 2,682,504.
- Thompson, Joseph A.: *See—*
Hobbs, Howard F., and Thompson.
- Thompson, Joseph C., Davenport, Iowa. Spinograph apparatus. 2,666,143, Jan. 12.
- Thompson, Joseph C. 2,684,064, Cl. 128—69.
- Thompson, Josephus. 2,679,838, Cl. 124—12.
- Thompson, Josephus. $\frac{1}{2}$ to Grossman Music Corp. 2,687,057, Cl. 84—270.
- Thompson, Keith R., Monroe, Mich., assignor to Monroe Auto Equipment Company. Tube leakage testing machine. 2,673,462, Mar. 30.
- Thompson, Keith R., assignor to Monroe Auto Equipment Company. 2,678,576, Cl. 81—54.
- Thompson, Keith R., to Monroe Auto Equipment Co. 2,686,423, Cl. 73—11.
- Thompson, Lee L. 2,693,945, Cl. 259—10.
- Thompson, Leland E., to Radio Corp. of America. 2,691,065, Cl. 179—15.
- Thompson, Lois E. 2,689,672, Cl. 224—6.
- Thompson, Louis W., to Jones & Lamson Machine Co. 2,698,413, Cl. 318—265.
- Thompson, Noel J., to Collins Radio Co. 2,697,207, Cl. 333—7.

- Thompson, Nora: *See*—
Thompson, John, and Benninghoff. 2,690,572.
- Thompson, Opie K., assignee: *See*—
Ayers, Woodrow W., and Thompson. 2,676,543.
- Thompson, Peyton M., assignor to Richmond Manufacturing Company, Lockport, N. Y. Clamp for screen frames. 2,668,621, Feb. 9.
- Thompson, Porter: *See*—
Randall, Walter H. 2,687,246.
- Thompson Products, Inc.: *See*—
Achor, William E. 2,682,261.
Anderson, David E.
Banister, Robert T. 2,691,196.
Bartlett, Kenneth M. 2,696,364.
Bartlett, Kenneth M. 2,696,434.
Booth, James H.
Booth, James H. 2,685,467.
Booth, James H. 2,686,070.
Booth, James H. 2,696,397.
Gair, Albert W. 2,686,087.
Gair, Albert W. 2,687,787.
Gair, Albert W. 2,687,925.
Gair, Albert W., and Herbenar. 2,687,926.
Gammon, Howard M., and Sward. 2,694,388.
Herbenar, Edward J. 2,680,033.
Kempe, Robert A. 2,679,669.
Kempe, Robert A., and Ruppender. 2,689,807.
Moser, Robert C. 2,689,554.
Noon, T. Cyril. 2,696,405.
Norton, Samuel H. 2,694,659.
Norton, Samuel H. 2,697,865.
Ohly, Charles W. 2,694,391.
Ralston, Eldon K. 2,686,508.
Ralston, Eldon K. 2,693,790.
Ricks, Bernard E., and Booth. 2,694,528.
Roush, Milton S. 2,686,654.
Schmidt, Frederick H. 2,689,553.
Shunemann, Carl F. 2,695,385.
Smith, Frederick E. 2,689,670.
Snyder, Jacob R. 2,697,570.
Stieglitz, Henry C.
Thoren, Theodore R. 2,691,367.
Thoren, Theodore R., and Murray. 2,688,925.
Wainer, Eugene. 2,690,409.
Zeiger, Frank E. 2,691,295.
- Thompson, Quentin E., assignor to Monsanto Chemical Company, St. Louis, Mo. Esters of organic carboxylic acids. 2,669,566, Feb. 16.
- Thompson, Quentin E., assignor to Monsanto Chemical Company, St. Louis, Mo. Substituted benzoyl halides. 2,669,567, Feb. 16.
- Thompson, Quentin E., assignor to Monsanto Chemical Company, St. Louis, Mo. Substituted benzoic acids, their salts and esters. 2,669,568, Feb. 16.
- Thompson, Quentin E., assignor to Monsanto Chemical Company, St. Louis, Mo. Esters of organic sulfonic acids. 2,669,574, Feb. 16.
- Thompson, Quentin E., to Monsanto Chemical Co. 2,689,257, Cl. 260—456.
- Thompson, Quentin E., to Monsanto Chemical Co. 2,689,264, Cl. 260—586.
- Thompson, Ralph B.: *See*—
Chenicek, Joseph A., and Thompson. 2,692,202.
Chenicek, Joseph A., and Thompson. 2,695,222.
- Thompson, Ralph B., Hinsdale, assignor to Universal Oil Products Company, Chicago, Ill. Reduction of alkyl nitroaromatic compounds. 2,670,377, Feb. 23.
- Thompson, Ralph B., assignor to Universal Oil Products Company. 2,677,617, Cl. 99—163.
- Thompson, Ralph B., to Universal Oil Products Co. 2,681,935, Cl. 260—574.
- Thompson, Ralph B., to Universal Oil Products Co. 2,698,247, Cl. 99—163.
- Thompson, Ralph B., to Universal Oil Products Co. 2,698,329, Cl. 260—340.3.
- Thompson, Ralph B., and J. A. Chenicek, to Universal Oil Products Co. 2,682,473, Cl. 99—163.
- Thompson, Ralph L., deceased, New Hyde Park, N. Y.; J. E. Thompson, administratrix of said R. L. Thompson, assignor to Neptune Meter Company, New York, N. Y. Box-office control system. 2,673,036, Mar. 23.
- Thompson, Ralph N., Mount Lebanon, Pa., assignor to Calgon, Incorporated. Dispersing satin white. 2,671,032, Mar. 2.
- Thompson, Raymond L.: *See*—
Grove, Leo C., and Thompson.
- Thompson, Robert B.: *See*—
Behme, Hermann W., and Thompson. 2,684,840.
- Thompson, Robert E., Cos Cob, Conn., assignor to Armour and Company, Chicago, Ill. Adrenocorticotrophin-gelatin preparation. 2,669,537, Feb. 16.
- Thompson, Robert R.: *See*—
Moore, Thomas V., and Thompson. 2,697,941.
- Thompson, Roger D., assignor to Allen B. Du Mont Laboratories, Inc. 2,680,195, Cl. 250—27.
- Thompson, Theodore F., assignor of $\frac{1}{2}$ to H. W. Hartupee. 2,679,404, Cl. 280—461.
- Thompson, Tom H., assignor of one-half to C. Creighton, Daytona Beach, Fla. Seal for cans. 2,670,098, Feb. 23.
- Thompson, Vincent S. 2,678,674, Cl. 152—208.
- Thompson, Wallace W., New Castle, assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparation of chlorophenyl-dimethyl-ureas. 2,673,877, Mar. 30.
- Thompson, Wallace W., to E. I. du Pont de Nemours and Co. 2,689,861, Cl. 260—453.
- Thompson, Walter E., Jr., and R. L. Hart, assignors to The Heminway & Bartlett Mfg. Co. 2,674,215, Cl. 112—251.
- Thompson, Walter M.: *See*—
Sturgell, Golden K., and Thompson. 2,694,522.
- Thompson, Warren H., Wickliffe, assignor to Towmotor Corporation, Cleveland, Ohio. Lift truck with lazy tong pusher. 2,670,867, Mar. 2.
- Thompson, Wendell S.: *See*—
Peck, Albert C., and Thompson. 2,695,216.
- Thompson, Wesley C. 2,693,214, Cl. 150—52.
- Thompson, William G., and F. C. Macdonald. 2,694,329, Cl. 81—53.
- Thompson, William H. 2,685,134, Cl. 32—17.
- Thompson, William H. 2,685,137, Cl. 33—174.
- Thompson, William M., to Armour and Co. 2,686,148, Cl. 195—66.
- Thompson, William R.: *See*—
Kramer, Harry C., and Thompson. 2,675,721.
- Thomsen, Alfred M., San Francisco, Calif. Recovering metal values from leach liquors. 2,670,271, Feb. 23.
- Thomsen, Soren M., to Radio Corp. of America. 2,689,187, Cl. 106—184.
- Thomson, Alan C., Manhattan Beach, Calif. Control system for coaxial helicopter blades. 2,669,308, Feb. 16.
- Thomson, Alan C. 2,681,190, Cl. 244—114.
- Thomson, B. C., Co., Inc., assignee: *See*—
Thomson, Byron C.
- Thomson, Byron C., Thibodaux, La., assignor to B. C. Thomson Co., Inc. Loading and cleaning attachment for cane harvesters. 2,667,732, Feb. 2.
- Thomson, Charles: *See*—
Gordon, Samuel H., Thomson, and Johnstone. 2,685,628.
- Thomson, Edward. 2,692,666, Cl. 192—56.
- Thomson, Elihu C., to Electronics Corp. of America. 2,692,962, Cl. 317—130.
- Thomson, Godfrey E.: *See*—
Barrett, Harold G., and Thomson.
- Thomson, James E. M., assignor to Orthopedic Devices, Incorporated. 2,678,684, Cl. 155—134.
- Thomson, John B. 2,675,283, Cl. 308—238.
- Thomson, Leroy A., and D. F. Thomas, Minneapolis, assignors to Watrous Company, St. Paul, Minn. Rotary pump. 2,672,823, Mar. 23.
- Thomson, Robert, assignor to Ainsworth Manufacturing Corporation. 2,678,358, Cl. 200—61.35.
- Thomson, Robin H. K., Fairlie, Scotland, assignor to Imperial Chemical Industries Limited. Insolubilizing spun protein filamentary products. 2,665,966, Jan. 12.
- Thon, James P. 2,680,535, Cl. 220—32.
- Thor Power Tool Company, assignee: *See*—
Du Sell, Giles H.
Fuehrer, George H. 2,678,636.
- Thorburn, Milton R.: *See*—
Ellis, Charles A., and Thorburn. 2,675,738.
- Thorburn, Milton R., and G. F. Schenk, assignors to American Optical Company. 2,678,041, Cl. 128—6.
- Thoren, Theodore R., to Thompson Products, Inc. 2,691,367, Cl. 123—90.
- Thoren, Theodore R., and J. F. Murray, to Thompson Products, Inc. 2,688,925, Cl. 103—5.
- Thorens, Hermann, Societe Anonyme: *See*—
Jahncke, Albert J. 2,684,248.
- Thorensen, Ragnar, assignor to General Electric Company. 2,680,156, Cl. 179—100.2.
- Thoresen, Wm., Company, assignee: *See*—
Rowe, Leif A.
- Thorington, Luke, assignor to Westinghouse Electric Corporation. 2,674,973, Cl. 118—5.
- Thorjusen, Philip S.: *See*—
Greenwood, Ernest J., Sears, and Thorjusen. 2,698,149.
- Thorn Electrical Industries Ltd.: *See*—
Passmore, Charles R. 2,683,241.
Strange, John W., Waigh, and Bloxside. 2,683,240.
- Thorn, John P.: *See*—
Guyer, Walter R. F., Thorn, and Arundale.
- Thornbery, John H., assignor to Milwaukee Gas Specialty Company. 2,676,757, Cl. 236—80.
- Thornbery, John H., to Milwaukee Gas Specialty Co. 2,687,738, Cl. 137—66.
- Thornburg, Harold A., assignor to United States Rubber Company. 2,674,811, Cl. 34—213.
- Thorne, Emerson H.: *See*—
Taggart, Robert E., and Thorne. 2,675,657.
- Thorne, Harold, London, England. Lock for doors and the like. 2,667,057, Jan. 26.
- Thorner, Robert H. 2,679,835, Cl. 123—122.
- Thornhill-Craver Co., Inc.: *See*—
Loeffler, John E. 2,684,861.
Nordin, Obert L.
Nordin, Obert L. 2,684,689.
Thornhill, Homer E. 2,684,688.
- Thornhill, Homer E., to Thornhill-Craver Company, Inc. 2,684,688, Cl. 137—460.
- Thornley, Harry S., assignor to The Chloride Electrical Storage Company Limited. 2,674,310, Cl. 164—61.
- Thornton, Howard T., and C. A. Sjoquist. 2,674,689, Cl. 240—123.

- Thornton, Mathew H. 2,680,877, Cl. 17—8.
 Thornton, Stephen D., Jr.: *See*—
 Cherkin, Arthur, and Thornton. 2,697,521.
 Thornton, Warren C. 2,674,077, Cl. 56—23.
 Thorp, Eric, to R. and G. F. French. 2,686,564, Cl. 160—348.
 Thorp, James F. 2,687,073, Cl. 97—46.07.
 Thorpe, Christopher H. M.: *See*—
 Goodwin, Leslie C., and Thorpe. 2,675,972.
 Thorpe, Roy E., and E. R. Bell, to Shell Development Co. 2,683,691, Cl. 252—32.5.
 Thorpe, William H., to Walker Mfg. Co. 2,691,389, Cl. 139—96.
 Thorsell, Edward P., Manchester, assignor to The Marvan Corporation, West Hartford, Conn. Apparatus for manufacturing wallboard joint tape. 2,671,991, Mar. 16.
 Thorson, Edward. 2,686,032, Cl. 248—211.
 Thorson, Milton Z., Knight Township, Vanderburgh County, Ind. Dish cleaning sink. 2,669,240, Feb. 16.
 Thorstensson-Rydborg, Carl A. S., to J. R. Andersson & Co. Aktiebolag. 2,688,468, Cl. 259—3.
 Thoss, Kurt P. 2,698,002, Cl. 118—504.
 Thrasher, Chester M., Paulding, Ohio. Camera gun. 2,664,797, Jan. 5.
 Three Dimension Company, assignee: *See*—
 Bennett, Frank P. 2,674,920.
 Thredley, Clarence E.: *See*—
 Staiger, Louis G. 2,690,828.
 Thrift, Griffin C., and D. R. Lohr, to Koch Engineering Co., Inc. 2,681,219, Cl. 261—114.
 Throckmorton, Bernard N.: *See*—
 Ratte, Joseph P. G., and Throckmorton. 2,674,084.
 Throckmorton, Morford C., R. A. Beck, and M. L. Rambo, to The Texas Co. 2,692,888, Cl. 260—450.
 Thrush, H. A., & Company, assignee: *See*—
 Thrush, Homer A. 2,679,148.
 Thrush, Marquis O. 2,674,260.
 Thrush, Homer A., assignor to H. A. Thrush & Company. 2,679,148, Cl. 64—13.
 Thrush, Marquis O., assignor to H. A. Thrush & Company. 2,674,260, Cl. 137—469.
 Thulin, Ivar V. 2,683,328, Cl. 45—137.
 Thumm, Carl, to I-T-E Circuit Breaker Co. 2,694,759, Cl. 200—166.
 Thun, Arno, assignee: *See*—
 Flamm, Peter. 2,679,753.
 Flamm, Peter. 2,679,754.
 Thun, Bernard M. 2,679,808, Cl. 103—174.
 Thunbo, Martin O. 2,684,219, Cl. 244—140.
 Thunstrom, Nils A.: *See*—
 Dean, Milo M., Thunstrom, and Ruic. 2,682,928.
 Dean, Milo M., and Thunstrom. 2,689,013.
 Thunstrom, Nils A., and F. N. Ruic, to The Greyhound Corp. 2,682,942, Cl. 192—48.
 Thurber Corporation, The, assignee: *See*—
 Thurber, Edward J.
 Thurber, Edward J., assignor to The Thurber Corporation, New Orleans, La. Torque converter. 2,670,823, Mar. 2.
 Thurber, Elmer A., to Bell Telephone Laboratories, Inc. 2,692,838, Cl. 117—102.
 Thurber, William S.: *See*—
 Corbett, Gerald M., Wiggins and Thurber.
 Ohlmann, Edward O., and Thurber.
 Thurman, Benjamin H., to Kraft Foods Co. 2,682,499, Cl. 202—183.
 Thurman, Robert B. 2,696,670, Cl. 32—60.
 Thurmon, Francis M., and R. Kunin, to Rohm & Haas Co. 2,684,321, Cl. 167—58.
 Thurnauer, Hans, and M. A. Murray, assignors to American Lava Corporation, Chattanooga, Tenn. Ceramic material. 2,665,219, Jan. 5.
 Thuro, Robert E., assignor to Clark Equipment Company. 2,675,935, Cl. 214—653.
 Thurston, Arthur L.: *See*—
 Muldoon, William J., and Thurston. 2,678,206.
 Thurston, Arthur L., Wantagh, N. Y., assignor to Cox and Stevens Aircraft Corporation. Railroad track-scale assembly. 2,673,082, Mar. 23.
 Thurston, Benjamin L., assignor to Frost Box Co., Inc. 2,675,911, Cl. 206—45.13.
 Thurston, Gladys M. 2,690,274, Cl. 220—35.
 Thurston, Jack T., to American Cyanamid Co. 2,689,868, Cl. 260—563.
 Thurston, Paul L., to Interwoven Stocking Co. 2,680,961, Cl. 66—179.
 Thwaites, George A.: *See*—
 Powers, Harold O., and Thwaites. 2,695,705.
 Thwaites, Herman L., and H. F. Hitchcox, to Standard Oil Development Co. 2,698,309, Cl. 260—28.5.
 Thyle, Irvin S., assignor to Western Machinery Company. 2,679,982, Cl. 241—46.
 Tibbetts, Willis F., to H. K. Porter, Inc. 2,685,130, Cl. 30—193.
 Tiberg, Magnus G. G.: *See*—
 Johansson, Folke C. E., and Tiberg.
 Tiberi, Thomas. 2,684,175, Cl. 220—23.2.
 Tice, Bruce K., to Avco Mfg. Corp. 2,690,114, Cl. 100—11.
 Tice, Clarence E.: *See*—
 Heiden, Peter J., Staggenburg, Tice, and Richardson. 2,676,368.
 Tice, Gordon P., to Culligan, Inc. 2,684,942, Cl. 210—24.
 Tice, Ralph L., Columbus, Ga. Weft thread cutter and guard. 2,665,718, Jan. 12.
 Tice, Richard E., to Texas Machine Attachment Co. 2,684,041, Cl. 112—2.
 Tice Valley Ranch: *See*—
 Robertson, Charles A. 2,695,684.
 Tichenor, Harold D., assignor to Wabash Fibre Box Co. 2,679,348, Cl. 229—15.
 Tidball, Frank E., to the United States of America as represented by the Secretary of the Navy. 2,684,443, Cl. 250—27.
 Tidball, Frank E., to the United States of America as represented by the Secretary of the Navy. 2,685,681, Cl. 340—147.
 Tidd, Edwin B., Mount Prospect, assignor to Bell & Gossett Company, Morton Grove, Ill. Control means for heating systems. 2,668,216, Feb. 2.
 Tideman, Emil S.: *See*—
 Fenton, George D., and Tideman.
 Tide Water Associated Oil Co.: *See*—
 Bishop, John W.
 Bishop, John W. 2,695,848.
 Galstaun, Lionel S. 2,678,301.
 Spivack, John D. 2,687,376.
 Zellner, Carl N., and Lister.
 Tidwell, William J., Jr. 2,692,034, Cl. 189—37.
 Tidy Products Co., assignee: *See*—
 Kaufman, Jerome S.
 Tiedeman, Robert K., to Curtiss-Wright Corp. 2,687,181, Cl. 170—135.27.
 Tierney, Hubert J.: *See*—
 Pahl, Walter H., Williams, and Tierney. 2,674,555.
 Tieszen, Derk V.: *See*—
 Gaver, Kenneth M., Lasure, and Tieszen.
 Gaver, Kenneth M., Tieszen, and Lasure.
 Tietze, Hermann: *See*—
 Bruner, Hermann, Rindfleisch, and Tietze. 2,678,646.
 Tiger Oats & National Milling Company, Limited, assignee: *See*—
 Stapelberg, James J. L. 2,680,754.
 Tigerman Co., Inc.: *See*—
 Tigerman, Louis. 2,696,696.
 Tigerman, Louis, to Tigerman Co. Inc. 2,696,696, Cl. 47—1.
 Tigges, Alexander J.: *See*—
 Boling, Cecil, and Tigges. 2,682,157.
 Tilch, Hans, and W. Gabler, to Keller and Knappich G. m. b. H. Maschinenfabrik. 2,690,270, Cl. 214—507.
 Tilden, Sydney G., Stewart Manor, assignor to The Permafuse Corp., Garden City, N. Y. Gauge for brake lining cutters. 2,667,923, Feb. 2.
 Tilden, Sydney G., Stewart Manor, N. Y., assignor to The Permafuse Corp. Brake shoe assembly. 2,667,948, Feb. 2.
 Tilden, Sydney G., assignor to The Permafuse Corp. 2,675,699, Cl. 73—101.
 Tilden, Sydney G., to The Permafuse Corp. 2,695,649, Cl. 154—1.
 Tile, John W., assignor to Philco Corporation, Philadelphia, Pa. Traveling wave tube. 2,672,572, Mar. 16.
 Tilford, Charles H., and M. G. Van Campen, Jr., to The Wm. S. Merrell Co. 2,685,589, Cl. 260—332.2.
 Tilghman, Roger O. 2,696,674, Cl. 33—158.
 Till, Harris R., Jr., to Western Electric Co., Inc. 2,688,532, Cl. 23—230.
 Tillemann, Norris P. 2,677,901, Cl. 35—23.
 Tillery Container Company, assignee: *See*—
 Tillery, Hubert B.
 Tillery, Hubert B., assignor to Tillery Container Company, Kansas City, Mo. Garment hanger guard. 2,665,829, Jan. 12.
 Tilley, James N.: *See*—
 Bennington, Charles H., and Tilley. 2,692,392.
 Tilley, Norman L. 2,679,980, Cl. 238—288.
 Tilley, Ralph E. 2,687,332, Cl. 305—8.
 Tillis, Earl W., Elkhart, Ind. Piston reconditioning device. 2,668,462, Feb. 9.
 Tillotson, Le Roy C., to Bell Telephone Laboratories, Inc. 2,686,902, Cl. 333—73.
 Tillotson Manufacturing Company, The, assignee: *See*—
 Phillips, Bernard C.
 Tillotson, Wesley T., and F. H. Norton, assignors to American Rock Wool Corp. 2,678,466, Cl. 18—2.6.
 Tillson, Edwin D., Evanston, assignor to Lighting Products, Inc., Highland Park, Ill. Electric lighting fixture. 2,670,429, Feb. 23.
 Tilly, James O.: *See*—
 Gallup, Richard W., and Tilly. 2,683,373.
 Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Variable light-modifying device for phase contrast. 2,666,362, Jan. 19.
 Tillyer, Edgar D., and A. H. Bennett, to American Optical Co. 2,685,821, Cl. 88—57.
 Tilnev, Ralph: *See*—
 Bolton, Arthur. 2,680,606.
 Tilney, Ralph B.: *See*—
 Hurkamp, Charles H., and Tilney. 2,680,952.
 Tilson, Irving. 2,678,723, Cl. 206—39.
 Tiltman Langley Laboratories Ltd.: *See*—
 Langley, Marcus, Gerritsen, and Funnell. 2,695,461.
 Timber Engineering Co.: *See*—
 Farber, Eduard. 2,697,090.

- Time, Inc.: *See*—
 Faerber, Harry W. 2,676,540.
 Faerber, Harry W., and Bishop. 2,680,405.
 Faerber, Harry W., and Sandor. 2,686,552.
 Faerber, Harry W., and Sandor. 2,687,762.
 Geese, Charles E. 2,684,939.
 Leekley, Robert M., and Stiles. 2,684,909.
 Moe, William W. 2,680,378.
 Moe, William W. 2,686,870.
- Timer, Jules E., to Chippewa Paper Products Co., Inc. 2,689,079, Cl. 229—68.
- Times Facsimile Corp.: *See*—
 Cooley, Austin G.
 Cooley, Austin G. 2,690,473.
- Timken, Richard F., and S. Jones. 2,683,278, Cl. 16—128.
- Timken Roller Bearing Co., The: *See*—
 Baker, John B.
 Boden, Ernest G. 2,676,073.
 Clark, Claude L. 2,683,086.
 Clark, Claude L. 2,686,115.
 Chievitz, William J. 2,678,856.
 Chievitz, William J. 2,698,090.
 Green, Walter F.
 Holsing, Robert H.
 Rundt, John W.
- Timm, Harold D., assignor to Allis-Chalmers Manufacturing Company. 2,678,364, Cl. 201—48.
- Timmerman, Julius W., to Allis-Chalmers Mfg. Co. 2,689,317, Cl. 317—176.
- Timmermans, Frans D. 2,679,245, Cl. 128—92.
- Timmersman, David J. W.: *See*—
 Norris, Lannie F., and Timmersman. 2,683,556.
 Norris, Lannie F., Timmersman, and Sage. 2,681,747.
- Timmins, Harold V., to The Moto-Mower Co. 2,690,637, Cl. 56—26.
- Timmler, Helmut: *See*—
 Hörlein, Hans U., Andersag, and Timmler. 2,691,023.
 Hörlein, Hans U., Andersag, and Timmler. 2,691,024.
- Timmons, George A.: *See*—
 Ham, John L., Bens, Herzig, and Timmons. 2,678,268.
 Ham, John L., Bens, Herzig, and Timmons. 2,678,269.
 Ham, John L., Bens, Herzig, and Timmons. 2,678,270.
 Ham, John L., Bens, Herzig, and Timmons. 2,678,271.
 Ham, John L., Bens, Herzig, and Timmons. 2,678,272.
 Ham, John L., Bens, Herzig, and Timmons. 2,679,455.
- Timmons, James R., H. Veltman, A. P. Weiland, Jr., and E. F. Zambroski, to The Rapids-Standard Co., Inc. 2,693,151, Cl. 104—249.
- Timms, Donald G.: *See*—
 Dauncey, Leonard A., and Timms. 2,697,308.
- Timper, Henry, assignor of $\frac{1}{2}$ to R. F. Krainz. 2,674,906, Cl. 77—55.
- Timreck, Albert E.: *See*—
 Baveley, Abraham, Knuth, Lazier, and Timreck. 2,689,202.
 Baveley, Abraham, Lazier, and Timreck. 2,691,619.
- Tingle, Leroy, Canton, and J. M. Brandon, Louisville, assignors to Republic Steel Corporation, Cleveland, Ohio. Immersion thermocouple construction. 2,672,493, Mar. 16.
- Tingley, Donald J.: *See*—
 Dahlman, Frederick A., and Tingley. 2,685,765.
- Tingtuf Limited, assignee: *See*—
 Toombs, Ernest A.
- Tinius Olsen Testing Machine Co.: *See*—
 Jacobsen, Erling, and Lawrie. 2,693,695.
- Tinker, Foster M. 2,679,341, Cl. 223—107.
- Tinker, Townsend, assignor to Kewanee-Ross Corporation. 2,678,236, Cl. 299—140.
- Tinker, William G.: *See*—
 Klein, Chris, Skarin, and Tinker. 2,691,432.
- Tinkler, Almond: *See*—
 Utley, Arthur D., and Tinkler. 2,675,589.
- Tinley, Ernest L., Lower Penn, near Wolverhampton, and F. A. Driver, Penn Wolverhampton, assignors to Joshua Bigwood and Son Limited, Wolverhampton, England. Solid fuel combustion apparatus. 2,669,200, Feb. 16.
- Tinnerman, George A.: *See*—
 Chalfont, Guy F., Judd, and Tinnerman. 2,687,666.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Separable fastener. 2,668,998, Feb. 16.
- Tinnerman, George A., assignor to Tinnerman Products, Inc. 2,676,635, Cl. 151—41.75.
- Tinnerman, George A., to Tinnerman Products, Inc. 2,682,039, Cl. 339—258.
- Tinnerman, George A., III, to Tinnerman Products, Inc. 2,695,046, Cl. 151—41.75.
- Tinnerman Products, Inc.: *See*—
 Balint, John. 2,695,806.
 Chalfont, Guy F., Judd, and Tinnerman. 2,687,666.
 Flora, Laurence H.
 Flora, Laurence H. 2,674,150.
 Flora, Laurence H. 2,677,862.
 Flora, Laurence H. 2,683,577.
 Flora, Laurence H. 2,689,027.
 Flora, Laurence H. 2,689,992.
 Flora, Laurence H. 2,692,413.
 Flora, Laurence H. 2,697,862.
- Tinnerman Products, Inc.: *See*—Continued.
 Flora, Laurence H., and Balint.
 Hartman, Richard A., and Flora.
 Tinnerman, George A.
 Tinnerman, George A. 2,676,635.
 Tinnerman, George A. 2,682,039.
 Tinnerman, George A., III. 2,695,046.
- Tinsley, John S., to Hercules Powder Co. 2,684,915, Cl. 106—173.
- Tinsley, John S., to Hercules Powder Co. 2,684,916, Cl. 106—173.
- Tinsley, William F. 2,674,221, Cl. 116—114.
- Tint, Howard, and R. Bogash, assignors, by mesne assignments, to American Home Products Corporation. 2,676,139, Cl. 195—66.
- Tintes, Hubert A., and J. P. Runck, assignors to West Fargo Manufacturing Corp. 2,675,665, Cl. 56—372.
- Tinus, William C., assignor to Bell Telephone Laboratories, Incorporated. 2,675,451, Cl. 201—48.
- Tipper, Maynard J. G., $\frac{1}{2}$ to A. O. Steckman. 2,697,970, Cl. 93—84.
- Tipple, Daniel S. 2,681,506, Cl. 30—317.
- Tipton, Dale W., Lawndale, Calif. Mechanical means for propelling field sprinkling apparatus. 2,665,169, Jan. 5.
- Tipton Heat Pump & Valve Corporation, assignee: *See*—
 Tipton, Virgil W.
- Tipton, Virgil W., assignor to Tipton Heat Pump & Valve Corporation, Miami, Fla. Multiple-port valve for air conditioning systems. 2,672,887, Mar. 23.
- Tip-Top Products Co.: *See*—
 Renstrom, Carl W. 2,695,620.
- Tirico, Arthur L.: *See*—
 Rees, Harry V., and Tirico. 2,677,780.
- Tirico, Arthur L., to Radio Corp. of America. 2,687,485, Cl. 313—71.
- Tirmont, Jean F. M., assignee: *See*—
 Ahler, George C., and Krull. 2,680,469.
- Tirome, Stephen A., to Fedders-Quigan Corp. 2,690,782, Cl. 153—40.
- Tischberger, Heinrich: *See*—
 Sochor, Franz, and Tischberger. 2,679,196.
- Tirschel, Joseph C. 2,692,158, Cl. 292—346.
- Tisch, Fred. 2,690,619, Cl. 33—104.
- Tischler, Nathaniel, to Sharples Chemicals Inc. 2,681,853, Cl. 71—24.
- Tiscione, Anthony. 2,695,393, Cl. 339—180.
- Tisdale, Glenn E.: *See*—
 Woodhull, Elliot T., and Tisdale. 2,688,090.
- Tisdale, Norman F. and N. F., Jr., to Molybdenum Corp. of America. 2,683,661, Cl. 75—123.
- Tisdale, Norman F. and N. F., Jr., to Molybdenum Corp. of America. 2,683,662, Cl. 75—123.
- Tisdale, Norman F. and N. F., Jr., to Molybdenum Corp. of America. 2,683,663, Cl. 75—128.
- Tisdale, Norman F., Jr.: *See*—
 Tisdale, Norman F. and N. F., Jr. 2,683,661—3.
- Tishler, Max: *See*—
 Chamberlin, Earl M., and Tishler.
 Sheehan, John C., and Tishler. 2,687,412.
 Sheehan, John C., and Tishler. 2,687,413.
 Sheehan, John C., and Tishler. 2,691,651.
 Wilson, Armin G., and Tishler.
- Tishman, David. 2,685,801, Cl. 74—230.5.
- Tissol, Carolyn E.: *See*—
 Goodhue, Lyle D., and Tissol.
- Tissol, Carolyn E., and L. D. Goodhue, to Phillips Petroleum Co. 2,697,680, Cl. 167—33.
- Tissot-Dupont, Bernard. 2,694,251, Cl. 30—34.
- Titeflex, Inc.: *See*—
 Padgett, Philip M. 2,693,779.
- Titmus Optical Company, Inc., assignee: *See*—
 Collier, Herbert P., Jr. 2,677,634.
- Titus, Charles H.: *See*—
 Schmidt, August, Jr., Titus, and Willis. 2,697,198.
- Titus, Elwin S., and I. M. Horne, to Robinson Aviation Inc. 2,687,269, Cl. 248—358.
- Titus, Thomas L., to Wyott Mfg. Co., Inc. 2,681,009, Cl. 103—38.
- Titus, Thomas L., to Wyott Mfg. Co., Inc. 2,681,622, Cl. 103—153.
- Titzer, Raymond P. 2,675,661, Cl. 56—25.4.
- Tivollier, Juan B., assignee: *See*—
 Lagardere, Alberto.
- Tjepkema, Jacobus J., to Shell Development Co. 2,691,661, Cl. 260—396.
- Toadvine, Norman F. 2,682,964, Cl. 220—4.
- Toastwell Company, Inc., The, assignee: *See*—
 McCullough, Paul J. 2,675,447.
- Tober, Lawrence C.: *See*—
 Childers, Harry S., and Tober. 2,680,049.
- Tobert, Sven E., to T. G. Jungersen. 2,686,439, Cl. 76—112.
- Tobey Color Card Co.: *See*—
 Lewin, Tobias, and Stratton. 2,695,005.
- Tobey, Hyman S., Plainfield, N. J. Mandible positioning gauge. 2,665,488, Jan. 12.
- Tobey Maltz Foundation, Inc., assignee: *See*—
 Lang, Paul W.
- Tobias, Herrmann B. 2,675,245, Cl. 280—36.
- Toburg, William, to M. R. Metzger. 2,696,342, Cl. 229—62.5.
- Tocci, George. 2,696,700, Cl. 51—197.

- Tocci-Guilbert, Berne, assignor to Berne Tocci-Guilbert, San Francisco, and H. G. Hardy, Berkeley, Calif., jointly as trustees. Back pad. 2,666,281, Jan. 19.
- Tocci-Guilbert, to Berne Tocci-Guilbert, and H. G. Hardy, jointly as trustees. 2,681,532, Cl. 51—197.
- Tod, John, assignee: *See*—
Kinker, Lewis F.
- Todd, C., trustee, assignee: *See*—
Koch, Frederick. 2,679,307.
- Todd, Everett W., assignor to The Massey-Harris Company. 2,678,596, Cl. 97—46.59.
- Todd, John. 2,695,027, Cl. 131—256.
- Todoroff, Edward J., to Iron Fireman Mfg. Co. 2,690,315, Cl. 244—130.
- Toennies, Owe M.: *See*—
Anderson, Edward G., and Toennies. 2,694,217.
- Toensmeier, Patrick A., assignor to The Bartgis Brothers Company. 2,678,767, Cl. 229—40.
- Toews, Harry I. 2,695,483, Cl. 53—32.
- Tofahrn, Arnold: *See*—
Jacob, Eugen, Kolling, Stiebling, and Hagemann. 2,688,035.
- Tofanelli, Ellen H., Mill Valley, Calif. Foundation garment. 2,668,953, Feb. 16.
- Toffolon, Roger L. 2,687,321, Cl. 294—74.
- Toffolon, Roger L. 2,696,235, Cl. 150—0.5.
- Toffolon, Roger L. 2,696,317, Cl. 214—620.
- Toffolon, Roger L. 2,696,360, Cl. 248—361.
- Toft, Norman P., to R. Hoe & Co. Inc. 2,684,028, Cl. 101—157.
- Toggenburger, John, to Underwood Corp. 2,686,469, Cl. 101—46.
- Toggenburger, John, to Underwood Corp. 2,687,251, Cl. 235—60.31.
- Toggenburger, John, to Underwood Corp. 2,697,504, Cl. 197—126.
- Tognola, Tullio, to Bendix Aviation Corp. 2,684,665, Cl. 123—169.
- Tohline, Max B.: *See*—
Drew, Robert D., and Tohline. 2,695,266.
- Toidey Company, Gertrude A. Muller, Inc., The, assignee: *See*—
Singleton, Arthur E. 2,675,055.
Singleton, Arthur E. 2,679,054.
- Tok, Inc., assignee: *See*—
Howell, Robert V. 2,680,393.
Schick, Eugene G.
- Tokheim Corp.: *See*—
Higginbotham, Edwin S. 2,694,601.
Hudson, William L. 2,687,693.
Rittenhouse, Howard E. 2,678,658.
Wright, George W.
Wright, George W. 2,685,304.
- Tol, Taeke: *See*—
Teves, Marten C., and Tol. 2,681,420.
- Toland, Wayne G., and F. M. Pierson, to International Harvester Co. 2,682,822, Cl. 97—127.
- Toland, William G., Jr., San Rafael, assignor to California Research Corporation, San Francisco, Calif. Oxidation of certain heterocyclic compounds. 2,670,370, Feb. 23.
- Toland, William G., Jr., assignor to California Research Corporation. 2,677,703, Cl. 260—515.
- Toland, William G., Jr., to California Research Corp. 2,684,382, Cl. 260—525.
- Toland, William G., Jr., to California Research Corp. 2,688,631, Cl. 260—465.
- Toland, William G., Jr., to California Research Corp. 2,695,312, Cl. 260—524.
- Toland, William G., Jr., to California Research Corp. 2,695,313, Cl. 260—530.
- Toledo Plate & Window Glass Company, The, assignee: *See*—
Kelly, Ogilvie C.
- Toledo Scale Co.: *See*—
Brown, James D. 2,682,078.
Brown, James D. 2,682,289.
Carroll, Frederick C. 2,698,216.
Fink, Walter A. 2,697,963.
Hart, Norman E. 2,685,222.
Pease, William M. 2,698,407.
Williams, Lawrence S.
Williams, Lawrence S. 2,688,519.
Winberg, Travis W. 2,685,315.
- Tolkien, Fritz, Hanover, Germany. Rodless slide valve regulating device. 2,665,667, Jan. 12.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. Linear dodecamethyltetraphosphoramide. 2,668,179, Feb. 2.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. S-(ethylxanthoyl) methanethiolphosphonic chloride. 2,668,818, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. S-(ethylxanthoyl) O-(4-nitrophenyl) methanethiolphosphonate. 2,668,819, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. Bis(ethylxanthoylthioxy)-methyl-phosphine oxide. 2,668,820, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. S-(ethylxanthoyl) O-ethyl methanethiolphosphonate. 2,668,821, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. Ethylxanthoylthioxy-N,N-diethylaminomethyl-phosphine oxide. 2,668,822, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. Ethylxanthoylthioxy-cyano-methylphosphine oxide. 2,668,823, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O-(4-nitrophenyl) S-(ethylxanthoyl) dithiophosphoric chloride. 2,668,824, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. S-(ethylxanthoyl) N,N-diethylamidodithiophosphoric chloride. 2,668,825, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. S-(ethylxanthoyl) O,O-di (2,4,5-trichlorophenyl) dithiophosphate. 2,668,826, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. S-(ethylxanthoyl) O,O-di (4-nitrophenyl) dithiophosphate. 2,668,827, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. S,S-bis(ethylxanthoyl) O-ethyl trithiophosphate. 2,668,828, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. S-(ethylxanthoyl) O-(4-nitrophenyl) O-ethyl dithiophosphate. 2,668,829, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. S,S-bis(ethylxanthoyl) O-(4-nitrophenyl) trithiophosphate. 2,668,830, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O-ethyl S-(ethylxanthoyl) N,N-diethylamidodithiophosphate. 2,668,831, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. Ethylxanthoylthioxy-N,N,N',N'-tetraethylidiaminophosphine sulfide. 2,668,832, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. Ethylxanthoylthioxy-N,N-diethylaminocyanophosphine oxide. 2,668,833, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O-(2,4,5-trichlorophenyl) S-(ethylxanthoyl) dithiophosphoric chloride. 2,668,834, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. Tris(O-ethyl dimethylamidophosphoryl) phosphate. 2,668,835, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. Bis(O,O-diethylphosphoric) dimethylamidophosphoric dianhydride. 2,668,836, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. Bis(O-ethyl dimethylamidophosphoric) dimethylamidophosphoric dianhydride. 2,668,837, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O-(β,β,β -trichlorotertiarybutyl) N,N-diethylamidoalkanephosphonates. 2,668,838, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O-(2,4,5-trichlorophenyl) N,N-diethylamidoalkanephosphonates. 2,668,839, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O-(4-nitrophenyl) N,N-diethylamidoalkanephosphonates. 2,668,840, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O-ethyl O-(2,4,5-trichlorophenyl) methanephosphonate. 2,668,841, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O,O-bis (β,β,β -trichlorotertiarybutyl) methanephosphonate. 2,668,842, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O-(β,β,β -trichlorotertiarybutyl) O-(2,4,5-trichlorophenyl) methanephosphonate. 2,668,843, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O-(β,β,β -trichlorotertiarybutyl) O-(4-nitrophenyl) alkanephosphonates. 2,668,844, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O,O-bis(4-nitrophenyl) alkanephosphonates. 2,668,845, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company, Midland, Mich. O-(4-nitrophenyl) alkanephosphonic chlorides. 2,668,846, Feb. 9.
- Tolkmith, Henry, assignor to The Dow Chemical Company. 2,680,760, Cl. 260—461.
- Tolkmith, Henry, to The Dow Chemical Co. 2,686,197, Cl. 260—461.
- Tolkmith, Henry, to The Dow Chemical Co. 2,693,483, Cl. 260—461.
- Toll, Joseph: *See*—
Leskiewicz, Stanley, and Hartung.
Leskiewicz, Stanley, and Hartung. 2,690,204.
- Tollefson, Eric L., to National Research Council. 2,686,762, Cl. 252—411.
- Tolles, Walter E., to United States of America as represented by the Secretary of the Navy. 2,692,970, Cl. 324—43.
- Tolley, Donald B., to Globe American Corp. 2,685,303, Cl. 137—587.
- Tollison, Paul L.: *See*—
Ricards, Charles L., Tornberg, and Tollison.
- Tollison, Paul L., to Wood Newspaper Machinery Corp. 2,695,758, Cl. 242—58.
- Tollison, Paul L., North Plainfield, and C. L. Ricards, South Plainfield, assignors to Wood Newspaper Machinery Corporation, Plainfield, N. J. Preregistering of plates by projection of register marks. 2,668,346, Feb. 9.
- Tolman, Edgar B., Jr., and R. W. Williams, to United Conveyor Corp. 2,686,617, Cl. 222—195.
- Tolman, Samuel L., to The Jeffrey Mfg. Co. 2,684,157, Cl. 210—176.

- Tolson, William A., Hightstown, N. J. Phasing of engines, motors, and the like. 2,668,418, Feb. 9.
- Tom, James K., to Bendix Aviation Corp. 2,689,892, Cl. 200—74.
- Tom, Theodore B., and J. A. Bolt, to Standard Oil Co. 2,693,442, Cl. 196—32.
- Tomanek, Martha: *See—*
Neugebauer, Wilhelm, and Tomanek. 2,696,435.
Neugebauer, Wilhelm, Tomanek, and Bottger.
- Tomarelli, Rudolph M., J. B. Hassinen, G. T. Durbin, and F. W. Bernhart, to American Home Products Corp. 2,697,663, Cl. 99—54.
- Tomarin, Harry A., Cincinnati, assignor to Loroco Industries Incorporated, Reading, Ohio. Combination shirt wrapper and collar support. 2,665,051, Jan. 5.
- Tomasek, Herbert F., to Knapp-Monarch Co. 2,694,602, Cl. 299—95.
- Tomaskovic, Frank: *See—*
Veschio, Anthony P. 2,681,779.
- Tomasovic, Edward J. 2,682,805, Cl. 88—39.
- Tomchek, Walter R., San Francisco, Calif. Holding device for flange bolts. 2,664,770, Jan. 5.
- Tomchek, Walter R. 2,697,874, Cl. 30—50.
- Tomcik, Daniel J., South Bend, Ind., assignor to Electro Voice, Inc., Buchanan, Mich. Piezoelectric transducer. 2,671,178, Mar. 2.
- Tomcik, Daniel J., assignor to Electro-Voice Incorporated. 2,679,001, Cl. 250—20.
- Tomcik, Daniel J., to Electro-Voice, Inc. 2,692,976, Cl. 333—82.
- Tometz, Mathias G.: *See—*
Whitson, Lee S., Tometz, and Ferlaak.
- Tomich, Hugo G., assignee: *See—*
Whipple, Harry W. 2,680,337.
- Tomlinac, George T., to Harry Ferguson, Inc. 2,682,821, Cl. 97—100.
- Tomkins-Johnson Co.: *See—*
Donnelly, Walter J. 2,682,792.
Wenckus, Adolphe. 2,687,233.
- Tomlin, Denis A.: *See—*
Brown, Andrew, and Tomlin. 2,696,553.
- Tomlin, Michael H. 2,679,191, Cl. 88—41.
- Tomlin, Robert D., assignor to Magnatex Limited, Harlington, England. Differential fluid pressure motor. 2,670,718, Mar. 2.
- Tomlinson, Inc., assignee: *See—*
Larson, Carl E. 2,674,386.
- Tommarchi, Paul, and W. C. Byer, Douglaston, assignors to Plastic Molded Arts, Inc., Long Island City, N. Y. Miniature doll eye-set. 2,667,013, Jan. 26.
- Tompkins, Donald E. 2,691,399, Cl. 150—15.
- Tompkins, Edward R.: *See—*
Hawkins, Myron B., and Tompkins. 2,682,352.
Schallert, Paul O., Tompkins, and Hawkins. 2,675,487.
- Tompkins, George M., Parktown West, Johannesburg, Union of South Africa. Retractable road wheel assembly for vehicle trailers. 2,665,138, Jan. 5.
- Tompkins, Homer H., Cisco, Tex. Machine for making mops. 2,672,367, Mar. 16.
- Tompkins, Loyce S. 2,697,848, Cl. 16—105.
- Tompkins, Walter T., assignor to Nocona Leather Goods Company, Nocona, Tex. Fielder's mitt. 2,672,611, Mar. 23.
- Tompkins, Walter T., to Nocona Leather Goods Co. 2,681,448, Cl. 2—19.
- Toncray, Millard H., and D. K. Badertscher, Grosse Pointe Park, assignors to Hudson Motor Car Company, Detroit, Mich. Motor vehicle frame structure. 2,669,462, Feb. 16.
- Tone, Frederick F., Holley, assignor to Graflex, Inc., Rochester, N. Y. Photographic flash lighting and synchronizing system. 2,664,795, Jan. 5.
- Tone, George L., assignee: *See—*
Brody, Nathan.
- Tone, John W., to Belock Instrument Corp. 2,680,972, Cl. 74—675.
- Toney, Charles D.: *See—*
Wright, John G., Toney, Watkins, Sudan, and Maxwell. 2,684,490.
- Tong, George C. 2,683,453, Cl. 128—33.
- Tongberg, Carl O., and W. H. Bruggmann, Jr., to Standard Oil Development Co. 2,681,315, Cl. 252—33.4.
- Tonge, Maxwell. 2,685,099, Cl. 15—132.5.
- Tongue, Thomas O.: *See—*
Ahlberg, Jacob E., Baral, and Tongue. 2,680,100.
- Tonkin, Albert, assignor of one-half to M. S. Hedeon, St. Paul, Minn. Medical oscillator. 2,669,987, Feb. 23.
- Tontrup, Robert H. 2,676,342, Cl. 9—26.
- Toof, Frederick L., assignor to Micro Processing Equipment Inc. 2,674,889, Cl. 73—432.
- Toogood, George D., to Heat Exchangers Ltd. 2,692,477, Cl. 60—39.46.
- Toohy, Francis D., to O. W. Siebert Co. 2,689,135, Cl. 280—41.
- Tooke, James W., assignor to Phillips Petroleum Company. 2,679,472, Cl. 202—42.
- Tobker, Albert R., Jr. 2,676,237, Cl. 219—32.
- Toombs, Ernest A., South Godstone, assignor to Tingtuf Limited, Poole, England. Tufting machine. 2,671,418, Mar. 9.
- Toombs, Harry B., New York, N. Y. Mop having triangular compressible cleaning element. 2,668,969, Feb. 16.
- Toothman, Earl, $\frac{1}{2}$ to E. A. Danforth. 2,693,678, Cl. 62—3.
- Toothman, Earl, $\frac{1}{2}$ to E. A. Danforth. 2,693,683, Cl. 62—117.55.
- Tooth Polisher Corp.: *See—*
Leathers, Ward. 2,686,326.
- Tootill, Geoffrey C., to National Research Development Corp. 2,693,907, Cl. 235—61.
- Topanelian, Edward, Jr., to Gulf Research & Development Co. 2,696,410, Cl. 308—9.
- Top Elite Models Inc., assignee: *See—*
Goldberg, Carl. 2,676,431.
- Topinka, Alfred A.: *See—*
Wainer, Eugene, Steinberg, and Topinka. 2,681,847.
Wainer, Eugene, Steinberg, and Topinka. 2,681,848.
- Toplansky, Andrew J. 2,692,138, Cl. 272—75.
- Topley, Charles H., to John R. Evans & Co. 2,697,534, Cl. 217—78.
- Topor, Jacob, Wheeling, W. Va. Reed for musical instruments. 2,669,897, Feb. 23.
- Topor, Jacob, Wheeling, W. Va. Reed gauge for musical instruments. 2,672,782, Mar. 23.
- Topp, Hereward J. B. 2,697,517, Cl. 209—139.
- Top-Pop Products Company, assignee: *See—*
Colman, Benjamin W.
- Torchoux, Charles, assignor to Societe d'Electricite Mors. 2,679,819, Cl. 116—114.
- Torkelson, Torkel E.: *See—*
Wallach, Robert S., and Torkelson.
- Tornberg, Isidor: *See—*
Ricards, Charles L., Tornberg, and Tollison.
- Tornblom, Nils A.: *See—*
Appleton, Arthur I., and Tornblom. 2,686,216.
- Tornblom, Nils A., to Appleton Electric Co. 2,687,904, Cl. 285—72.
- Tornquist, Björn H. R.: *See—*
Blomqvist, Åke H. P., and Tornquist. 2,694,794.
- Toro Manufacturing Corporation, assignee: *See—*
Pazandak, Louis A. 2,680,340.
- Toro Mfg. Corp. of Minnesota: *See—*
Kroll, Harley E. 2,675,662.
Miller, William F., Cunningham, and Maki. 2,682,740.
Miller, William F., Cunningham, and Maki. 2,690,040.
- Toronto, Peter A. 2,692,813, Cl. 312—319.
- Toronto Star Limited, The, assignee: *See—*
Sykes, Thomas R.
- Torr, David, New York, N. Y., assignor to C. J. Ely, Oakland, N. J. Treating whole eggs. 2,669,518, Feb. 16.
- Torr, David, assignor to C. J. Ely. 2,676,168, Cl. 260—118.
- Torr, John M., New York, N. Y., assignor to Phillips Screw Company. Plastic bonding machine. 2,664,938, Jan. 5.
- Torrance, William R. L. 2,690,844, Cl. 211—119.
- Torrance, William R. L. 2,691,546, Cl. 296—27.
- Torre, Pier L., Milan, Italy. Resilient suspension system for motorcycle wheels. 2,669,463, Feb. 16.
- Torre, Pier L. 2,696,200, Cl. 123—41.16.
- Torres, João D. 2,688,196, Cl. 34—109.
- Torresen, Carel T., Santa Monica, and W. V. Stackhouse, Torrance, Calif. Die collapsed anchor nut. 2,670,021, Feb. 23.
- Torrey, Henry C., and J. B. Wiesner, to the United States of America as represented by the Secretary of the Navy. 2,682,034, Cl. 324—158.
- Torricelli Creations, Inc.: *See—*
Torricelli, Ugo.
Torricelli, Ugo. 2,685,286.
- Torricelli, Ugo, assignor to Torricelli Creations, Inc., New York, N. Y. Flexible protective shield. 2,666,922, Jan. 26.
- Torricelli, Ugo, assignor to Torricelli Creations, Incorporated, New York, N. Y. Pleated protective shield. 2,666,924, Jan. 26.
- Torricelli, Ugo, to Torricelli Creations, Inc. 2,685,286, Cl. 128—2.
- Torrington Co., The: *See—*
White, Robert H. 2,681,259.
- Torrington Mfg. Co., The: *See—*
Sampatacos, Peter M.
Sampatacos, Peter M., and Franks. 2,697,470.
- Torsion Balance Co., The: *See—*
Seyter, William C., Mender, and Windisch. 2,690,906.
Seyter, William C., Mender, and Windisch. 2,690,948.
- Torudd, Erik, and N. Andersson. 2,677,318, Cl. 93—1.3.
- Tosi, Louie O. 2,689,414, Cl. 34—164.
- Toske, Arthur C., Jacksonville, Fla. Ring ridge reamer. 2,669,134, Feb. 16.
- Tote Engineering, Inc., assignee: *See—*
Scott, Carl W. 2,674,206.
- Totebrush, Inc., assignee: *See—*
Mesi, Phillip J., and Ogorek.
- Toth, Dolan H., to the United States of America as represented by the Secretary of the Navy. 2,692,379, Cl. 340—174.
- Toth, Emerick. 2,690,509, Cl. 250—33.67.
- Toth, John E., and R. L. Reed, to The Babcock & Wilcox Co. 2,682,181, Cl. 77—2.
- Toth, John J., deceased, by M. L. Toth, administratrix. 2,675,635, Cl. 38—117.
- Toth, John J., deceased; M. L. Toth, administratrix. 2,680,973, Cl. 77—62.

- Toth, Michael : *See*—
Norelius, Emil F., Toth, and Rinkema.
- Toth, Minnie L. : *See*—
Toth, John J. 2,675,635.
Toth, John J. 2,680,973.
- Totzek, Friedrich, Essen (Ruhr), Germany, assignor to Koppers Company, Inc., Pittsburgh, Pa. Method and apparatus for producing combustible gases from powdered fuels. 2,670,280, Feb. 23.
- Touchett, Vern T., and H. J. Fohl, to E Z Paints Corp. 2,694,825, Cl. 15—121.3.
- Toulmin, Harry A., Jr., assignor to New Wrinkle, Inc., Dayton, Ohio. Composition for producing wrinkle-textured films. 2,670,337, Feb. 23.
- Toulmin, Harry A., Jr., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Air-borne communication and shelter apparatus. 2,671,623, Mar. 9.
- Toulmin, Harry A., Jr., assignor to The Commonwealth Engineering Company of Ohio. 2,680,449, Cl. 137—246.11.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. 2,685,124, Cl. 29—191.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. 2,689,374, Cl. 18—12.
- Toulon, Pierre M. G., Neuilly-sur-Seine, France, assignor of seventy-five per cent to Products & Licensing Corporation, New York, N. Y., and twenty-five per cent to N. Moore and W. D. Hall, as joint tenants. Commutation of discharge tubes and particularly of rectifiers and inverters. 2,668,939, Feb. 9.
- Toulon, Pierre M. G., 75% to Products and Licensing Corp., and 25% to N. Moore and W. D. Hall as joint tenants. 2,685,644, Cl. 250—27.
- Toulon, Pierre M. G., 75% to Products and Licensing Corp., and 25% to N. Moore and W. D. Hall, as joint tenants. 2,686,261, Cl. 250—27.
- Toulon, Pierre M. G., 75% to Products & Licensing Corp., and 25% to N. Moore and W. D. Hall. 2,689,928, Cl. 315—146.
- Toulon, Pierre M. G., 75% to Products & Licensing Corp., and 25% to N. Moore and W. D. Hall. 2,691,151, Cl. 340—166.
- Tour, Sam, & Co., Inc. : *See*—
Gobus, Alexander. 2,687,479.
- Tourneau, Henry K. 2,676,736, Cl. 224—4.
- Tournon, Giovanni. 2,683,915, Cl. 25—154.
- Tournon, Giovanni. 2,685,128, Cl. 29—152.
- Tourtellot, John A., assignor to Philco Corporation. 2,676,805, Cl. 274—10.
- Touson, Isaac, Buenos Aires, Argentina. Apparatus for plastic surgery. 2,672,146, Mar. 16.
- Touton, Rush D., to Wurton Machine Co. 2,682,271, Cl. 131—136.
- Touton, Rush D. 2,682,341, Cl. 214—5.5.
- Touton, Rush D. 2,682,342, Cl. 214—5.5.
- Touton, Rush D. 2,682,343, Cl. 214—5.5.
- Touzel, Georges. 2,695,021, Cl. 128—172.1.
- Tovee, Edward H., and E. G. Ford, to Canadian Westinghouse Co., Ltd. 2,694,020, Cl. 117—132.
- Towbar Sales Co., assignee : *See*—
Marsh, Ernest J.
- Tower, Gordon E. : *See*—
Frost, Orcutt W., and Tower. 2,680,995.
- Tower Iron Works, assignee : *See*—
Smith, Waldo W., and Prescott.
- Towle, Philip H., Hammond, Ind., and P. Hill, Lansing, assignors to Standard Oil Company, Chicago, Ill. Preparation of carboxylic acids from allylic compounds. 2,667,508, Jan. 26.
- Towler, Frank H. : *See*—
Towler, John M. and F. H.
- Towler, John M. and F. H. 2,696,832.
- Towler, John M., Harrogate, and F. H. Towler, Otley, assignors to Electrolic Presses Limited, Rodley, England. Pressure relief valve with damping piston. 2,667,894, Feb. 2.
- Towler, John M. and F. H., to Electrolic Presses Ltd. 2,696,832, Cl. 137—620.
- Towmotor Corporation, assignee : *See*—
Shaffer, Walter M.
- Thompson, Warren H.
- Town, Joseph E., assignee : *See*—
Doerr, Frank E. 2,674,035.
- Towne, Charles : *See*—
McCoy, Frederic C., Bengel, Knowles, and Towne. 2,674,577.
- Towne, Edmund B. : *See*—
Dickey, Joseph B., and Towne. 2,683,708—9.
- Towne, George H. 2,688,357, Cl. 155—130.
- Townend, Robert V., Arlington, N. J., and H. Q. Trout, Brooklyn, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Purification of aluminum sulfate liquors. 2,665,969, Jan. 12.
- Towner Mfg. Co. : *See*—
Heckathorn, Loyd E., and Whitcomb. 2,687,680.
- Towns, Edward J., White Plains, N. Y., assignor of one-tenth to B. W. Griffin, Summit, N. J. Bottle cap. 2,669,369, Feb. 16.
- Towns, Mirabeau C., Jr., to Reaction Motors, Inc. 2,693,111, Cl. 73—297.
- Townsend Co. : *See*—
Cherry, Carl W. 2,691,915.
- Townsend, Edward, to The Sandy Hill Iron & Brass Works. 2,691,325, Cl. 92—31.
- Townsend, Frank J. 2,696,814, Cl. 126—343.5.
- Townsend, Franklin L., to Barber-Colman Co. 2,696,654, Cl. 28—44.
- Townsend, Mark A., to Bell Telephone Laboratories, Inc. 2,682,015, Cl. 315—169.
- Townsend, Rex, and F. L. Davis. 2,691,272, Cl. 255—2.5.
- Townsend, Russell S., assignor to Servel, Inc. 2,676,864, Cl. 312—291.
- Townson, William D., Jr. 2,676,776, Cl. 248—120.
- Towse, Robert A. E., Brooklyn, N. Y. Carcass freezing device. 2,672,032, Mar. 16.
- Toy, Arthur D. F., to Victor Chemical Works. 2,683,733, Cl. 260—461.
- Tozer, Harold, Neston, N. M. Cross, and R. Goodey, Bebington, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Preparation of crystalline salts of penicillin. 2,671,083, Mar. 2.
- Trabon Engineering Corp. : *See*—
Harter, Robert L. 2,684,732.
- Pawling, Frank. 2,690,816.
- Trabucco, J. E. : *See*—
Boxer, Leah H. 2,691,878.
- Tracerlab, Inc., assignee : *See*—
Pennock, John C., and Bacchieri.
- Tracey, Richard D. 2,676,034, Cl. 280—508.
- Tracht, Joseph : *See*—
Rodgers, John K., and Tracht. 2,688,368.
- Tractomotive Corp. : *See*—
Dobeus, Vander M. 2,685,973.
- Tracy, Donald C. 2,690,775, Cl. 143—174.
- Tracy, Mearl V., Pasadena, Calif. Adjustable tool supporting stand. 2,664,924, Jan. 5.
- Tracy, Michael J. 2,674,451, Cl. 268—23.
- Trad, Victor. 2,692,346, Cl. 313—92.
- Tradelius, Carl. 2,683,800, Cl. 240—108.
- Traffic Transport Engineering, Inc., assignee : *See*—
Stuart, Clarence C.
- Trafford, Thomas L. 2,694,609, Cl. 311—4.
- Trail, Herbert H., assignor to Fuller Manufacturing Company. 2,679,728, Cl. 60—54.
- Trailmobile Inc. : *See*—
Black, James J. 2,681,716.
- Black, James J. 2,692,146.
- Trainor, Foster J. 2,674,119, Cl. 73—33.
- Trainor, Foster J. 2,674,120, Cl. 73—33.
- Trainor, Foster J. 2,688,867, Cl. 73—33.
- Trainor, John M. : *See*—
Rossheim, David B., Yaczko, and Trainor. 2,684,528.
- Traisman, Edwin, and W. Kurtzhals, to Kraft Foods Co. 2,683,665, Cl. 99—117.
- Tramm, Heinrich, N. Geiser, H. Kolling, and S. Puschhof, to Ruhrchemie Aktiengesellschaft. 2,683,688, Cl. 204—163.
- Trammel, Earl M., Jr. : *See*—
Trammel, Earl M., Sr., and E. M. Trammel, Jr. 2,676,367.
- Trammel, Earl M., Sr., and E. M. Trammel, Jr. 2,676,367, Cl. 20—52.2.
- Trammell, Earl M., Jr. 2,694,917, Cl. 70—174.
- Trane Co., The : *See*—
Hicke, Gerald E., and Daly. 2,694,553.
- Labus, Otto A., Neubauer, and Miner.
- Trangmar, Frank M. 2,674,801, Cl. 32—63.
- Trank, Leonard. 2,687,452, Cl. 179—157.
- Trankla, Grace M., assignee : *See*—
Kwartz, Michael J.
- Transamerican Mercantile Corporation, assignee : *See*—
Dasch, Benno.
- Trans-Canada Air Lines : *See*—
MacLeod, Merlin W. 2,688,501.
- Transformer Engineers, assignee : *See*—
Olesen, Raymond C.
- Transland Co. : *See*—
Wing, George S. 2,682,914.
- Transparent Package Co. : *See*—
Chirtel, Joseph S., and Mark. 2,691,643.
- Richter, Frederic A. 2,679,968.
- Richter, Frederic A. 2,679,969.
- Transportation Specialties Co., assignee : *See*—
Johnston, Charles S.
- Tranter, Watson W., York, Pa. Oscillating mechanism for sprayers. 2,672,759, Mar. 23.
- Trapp, Leroy M. 2,695,175, Cl. 273—196.
- Trappey, Randolph J., to B. F. Trappey's Sons, Inc. 2,696,234, Cl. 146—81.
- Trappey's, B. F., Sons, Inc. : *See*—
Trappey, Randolph J. 2,696,234.
- Trask, Allen, to Welbilt Stove Co., Inc. 2,682,159, Cl. 62—140.
- Trask, Allen, to Welbilt Stove Co., Inc. 2,691,276, Cl. 62—8.
- Trask, Harold V. : *See*—
Haley, Kenneth M., and Trask.
- Traub, Eberhardt, to Robert Bosch G. m. b. H. 2,687,361, Cl. 117—71.
- Traub, Paul, Brooklyn, N. Y. Air and oil preheating system for burners. 2,672,925, Mar. 23.
- Traugott, Paul, Greenwich, Conn., assignor to Electro-Physical Laboratories, Inc., Rye, N. Y. Marking device. 2,667,402, Jan. 26.

- Traupel, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Apparatus for controlling the power output of gas turbine plants. 2,665,548, Jan. 12.
- Trauth, Otto : *See—*
Ebel, Friedrich, Rupp, and Trauth. 2,697,097.
- Trautman, Herman L. : *See—*
Muiza, Andrejs. 2,682,110.
- Trautman, Walter C., and R. W. McNabb, to Walker Mfg. Co. of Wisconsin. 2,687,873, Cl. 254—8.
- Trautvetter, George, to Heintz Mfg. Co. 2,695,206, Cl. 312—7.
- Travagli, Uberto : *See—*
Palmentola, Enzo, and Travagli. 2,692,364.
- Traver, Alfred E. : *See—*
Holzinger, Rudolph J., and Traver. 2,688,246.
- Traver, Clarence H., to Perfex Corp. 2,688,064, Cl. 200—140.
- Traver Corp. : *See—*
Kritchever, Mathew F. 2,683,894.
- Traver, George L., Compton, Calif. Mechanically and electrically controlled timing apparatus. 2,671,828, Mar. 9.
- Travers, Walter A., and H. E. J. Butler; said Travers assignor to Automatic Telephone & Electric Company Limited, Liverpool, and said Butler assignor to Hall Telephone Accessories Limited, London, England. Coin-feed apparatus. 2,672,514, Mar. 16.
- Travers, William R., to General Electric Co. 2,692,081, Cl. 230—207.
- Travilla, James C., Jr., to General Steel Castings Corp. 2,697,405, Cl. 105—190.
- Travis, Don C., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Hospital bed. 2,670,476, Mar. 2.
- Travnick, Milan M. F. L., J. L. Ouweltjes, and F. A. Kröger, to Hartford National Bank and Trust Co., as trustee. 2,688,600, Cl. 252—301.4.
- Traxler, Eugene R. : *See—*
Thompson, James R., and Traxler. 2,682,334.
- Treacy, John G., assignee : *See—*
Hammesfahr, Willi.
- Treanor, Edward D., to General Electric Co. 2,698,429, Cl. 340—222.
- Treasury, United States of America as represented by the Secretary of the, assignee : *See—*
Forbes, Richard H.
- Trebes, Harold H. : *See—*
Snow, Gerald A., and Trebes.
- Trebules, Victor W., assignor to The Gabriel Company, Cleveland, Ohio. Antenna mast support. 2,667,317, Jan. 26.
- Treciakos, Jacob P., Oakville, assignor to Scovill Manufacturing Company, Waterbury, Conn. Kickout and hold-down device for fastener attaching machines. 2,668,633, Feb. 9.
- Treckmann, Paul R. T., Rodau Uber Bensheim a. d. Bergstrasse, Germany, assignor to N. V. Maatschappij Tot Exploiteren van Octrooien en Licenties "Matepa", 's-Hertogenbosch, Netherlands. Centrifugal blower and cutter for comminuting and conveying fodder. 2,669,271, Feb. 16.
- Tree, Charle, Racine, Wis. Milling machine ram saddle-wedge lock. 2,664,789, Jan. 5.
- Treer, Ross B. : *See—*
Schuman, Ralph H., and Treer. 2,694,755.
- Treff, Alfred, to Continental Can Co., Inc. 2,695,941, Cl. 219—4.
- Trefny, Franz. 2,685,562, Cl. 202—109.
- Treg, Inc. : *See—*
Gossner, Louis E. E.
Gossner, Louis E. E. 2,679,647.
Gossner, Louis E. E. 2,693,013.
- Tregillus, Kenneth C., assignor to Vernay Laboratories, Inc. 2,674,254, Cl. 137—56.
- Trego Manufacturing Company, Inc., assignee : *See—*
Wasinger, Leonard J. 2,679,433.
- Tregoning, William C., Shaker Heights, Ohio, assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Switch. 2,668,204, Feb. 2.
- Treharne, Richard W., Jr., Pittsburgh, Pa., assignor to Westinghouse Air Brake Company. Vehicle reporting system. 2,673,292, Mar. 23.
- Treiss, Herman G. : *See—*
Springer, Henry M., and Treiss. 2,685,970.
- Treiss, Herman G., to American Safety Razor Corp. 2,685,364, Cl. 206—16.
- Treiss, Herman G., Jr., to American Safety Razor Corp. 2,688,240, Cl. 67—7.1.
- Trelease, Charles C. : *See—*
Ward, Lawrence T.
Ward, Lawrence T. 2,690,279.
- Tremblay, Bernard G. : *See—*
MacNeill, John B., Florschutz, Lindstrom, and Tremblay.
- Trementozzi, Quirino A., and G. E. Ham, to Monsanto Chemical Co. 2,687,393, Cl. 260—32.6.
- Tremlett, David J. : *See—*
Birkbeck, Guy, Tremlett, Noltingk, and Neppiras. 2,676,236.
- Tremolada, Guglielmo R., Los Angeles, Calif., assignor to Emsco Manufacturing Company. Reciprocating rod packing. 2,673,103, Mar. 23.
- Tremolada, Guglielmo R., to Emsco Mfg. Co. 2,692,152, Cl. 286—20.
- Tremolada, Guglielmo R., to Emsco Mfg. Co. 2,693,373, Cl. 285—96.3.
- Trempe, John E. 2,693,592, Cl. 340—345.
- Trempe, Robert P. 2,684,476, Cl. 340—366.
- Trendel, Alois F. : *See—*
Hohl, John, and Trendel.
- Trenkle, Eugen F. : *See—*
Paul, Wilhelm H., and Trenkle. 2,677,228.
- Trenor, Albert D. : *See—*
Hammond, John H., Jr., and Trenor.
Hammond, John H., Jr., and Trenor. 2,692,145.
- Trent, Robert L., Far Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transistor trigger circuit for operating relays. 2,665,845, Jan. 12.
- Trent Tube Company, assignee : *See—*
Bowman, Howard J.
- Trent, Walter R. : *See—*
Mitchell, Joseph E., and Trent. 2,694,086.
- Trephine Instruments, Inc. : *See—*
Shepherd, Albert. 2,696,963.
- Trepp, Samuel G., to Bird & Son, inc. 2,696,452, Cl. 154—95.
- Trescott Company, The, assignee : *See—*
Smith, Samuel H.
- Treseder, Robert C. : *See—*
Dinsmore, Albert P., Treseder, Light, Geyer, and Whitmer.
Geyer, Howard M., and Treseder. 2,695,070.
Light, James W., and Treseder.
- Treseder, Robert C., assignor to General Motors Corporation. 2,679,908, Cl. 170—135.29.
- Treseder, Robert C., to General Motors Corp. 2,681,116, Cl. 170—160.2.
- Treshow, Michael, Pacific Palisades, assignor to Monolith Portland Cement Company, Los Angeles, Calif. Screening discharge device for rod and ball mills. 2,670,139, Feb. 23.
- Tressl, Henry R. 2,685,428, Cl. 253—24.
- Tretheway, William J., R. J. Kennard, and E. L. Buker, to Anaconda Copper Mining Co. 2,689,989, Cl. 22—65.
- Trethewey, William C. : *See—*
Strong, Herbert W., Trethewey, and Klingel. 2,686,280.
- Trettel, Clement E. : *See—*
Andres, William A., Clemons, and Trettel. 2,682,601.
- Treul, Edward F. 2,684,097, Cl. 150—35.
- Trevaskis, Henry W., Solihull, assignor to Dunlop Rubber Company Limited, London County, England. Valve. 2,668,035, Feb. 2.
- Trevaskis, Henry W., assignor to Dunlop Rubber Company Limited. 2,676,601, Cl. 137—45.
- Trevaskis, Henry W., to Dunlop Rubber Co. Ltd. 2,682,282, Cl. 137—622.
- Trevaskis, Henry W., to Dunlop Rubber Co. Ltd. 2,689,024, Cl. 188—152.
- Trevaskis, Henry W., and D. Dewar, assignors to Dunlop Rubber Company Limited. 2,675,649, Cl. 50—35.
- Trevaskis, Henry W., and F. R. Mortimer, to Dunlop Rubber Co. Ltd. 2,692,100, Cl. 244—111.
- Trevitt, John H., assignor to Dictaphone Corporation, Bridgeport, Conn. Multiple speed motor drive system. 2,667,613, Jan. 26.
- Trexel, James J., to Standard Oil Development Co. 2,684,894, Cl. 44—67.
- Trexler, Richard R., to B. Moore. Re. 23,864, Cl. 222—33.
- Triangle Grain Company, assignee : *See—*
Potter, Clarence J. 2,675,932.
- Triangle Package Machinery Company, assignee : *See—*
Bagby, Ralph B.
Ullman, Fred E. 2,674,256.
- Tribbett, Louis W. : *See—*
Bishop, Lewis H., and Tribbett.
- Tribbett, Murray C., assignor to H-P-M Development Corporation, Mount Gilead, Ohio. Adjustable bearing guide for lineally movable shafts. 2,670,251, Feb. 23.
- Tribit, Samuel W. : *See—*
Fugate, Wesley O., and Tribit. 2,698,330.
- Trible, Winthrop : *See—*
Haas, Frederick S., and Tribble.
- Triche, Junius A., Jr. : *See—*
Ehrenfried, John F., and Triche. 2,679,194.
- Trickey, Philip H. : *See—*
Logan, Frank G., and Trickey. 2,688,879.
- Tri-Clover Machine Co. : *See—*
Onosko, Edward. 2,687,872.
- Trico-Folberth Limited, assignee : *See—*
Boddy, John.
- Trico Products Corp. : *See—*
Bitzer, Martin.
Bitzer, Martin. 2,683,275.
Deibel, Raymond.
Deibel, Raymond. 2,675,958.
Horton, Erwin C. 2,684,632.
Horton, Erwin C. 2,691,789.
Macpherson, Robert B. 2,684,660.
Oishei, John R.
Oishei, John R. 2,678,460.
Oishei, John R. 2,697,241.
Oishei, John R., and Bitzer. 2,685,776.
Oishei, John R., and Bitzer. 2,691,186.
Oishei, John R., and Rappl. 2,688,514.
Oishei, John R., and Rappl. 2,692,079.

- Trico Products Corp.: *See*—Continued.
 Rappl, Anton.
 Rappl, Anton. 2,681,176.
 Rappl, Anton. 2,684,108.
 Rappl, Anton. 2,687,004.
 Reichelderfer, Edgar J. 2,676,821.
 Scinta, Anthony C. 2,687,544.
 Scinta, Anthony C., and Rappl.
 Tricon, Inc., assignee: *See*—
 Marshall, Franklin W. 2,674,096.
 Tricraft Products Co.: *See*—
 Hills, Elmer G. 2,688,083.
 Trief, Victor. 2,687,969, Cl. 106—117.
 Trier, Raymond T.: *See*—
 Lajeunesse, Victor J., Trier, and Espenschied. 2,695,923.
 Trier, Raymond T., P. C. Janson, and R. D. Murphy, to The Superior Switchboard & Devices Co. 2,696,899, Cl. 194—1.
 Trifiletti, Santy. 2,677,578, Cl. 301—47.
 Trigg, Warren M., and R. D. Rowley, to the United States of America as represented by the Secretary of the Navy. 2,685,533, Cl. 117—72.
 Trillich, Bertram L., assignor to The Munising Paper Company. 2,676,897, Cl. 117—68.
 Trimble, Cebern B. 2,675,544, Cl. 340—351.
 Trimble, Charles H., to Western Electric Co., Inc. 2,681,461, Cl. 10—162.
 Trimble, Euna B. 2,675,805, Cl. 128—284.
 Trimble, Howard B., Nashville, Tenn. Means for demonstrating and recording relative motion between objects. 2,668,370, Feb. 9.
 Trimble, Inc.: *See*—
 De Puy, Charles T. 2,685,489.
 Donovan, William J.
 Trimble, John I., and W. M. Myler, Jr., assignors, by mesne assignments, to Surface Combustion Corporation. 2,674,304, Cl. 158—28.
 Trimble, Roy L., to Henney Motor Co., Inc. 2,682,680, Cl. 15—332.
 Tringali, Alfred M.: *See*—
 Yuska, Henry, Tringali, and Hanle. 2,677,671.
 Trinity Equipment Corp.: *See*—
 Mannion, James V. 2,681,034.
 Trion, Inc., assignee: *See*—
 Landgraf, George F. 2,675,090.
 Penney, Gaylord W.
 Triplett Electrical Instrument Company, The, assignee: *See*—
 Gerlach, Carl F.
 Triplett, J. Karrol, Chicago, Ill. Ear muff. 2,671,221, Mar. 9.
 Tripodi, Anthony J., Niles, Ohio, assignor to The Lodestar Corporation. Mechanism for actuating dump bodies. 2,667,381, Jan. 26.
 Tripodi, Carlos and S. 2,697,476, Cl. 155—56.
 Tripodi, Silvio: *See*—
 Tripodi, Carlos and S. 2,697,476.
 Tripp, Burrell H., Scarsdale, N. Y. Door closure for wing hangars. 2,666,962, Jan. 26.
 Tripp, Gordon B., Fresno, Calif. Emergency braking system. 2,670,817, Mar. 2.
 Tripp, Guy H. 2,682,413, Cl. 279—56.
 Tripp, Robert W., to Farrand Optical Co., Inc. 2,688,896, Cl. 88—27.
 Trishman, Lawrence E., Beaver, assignor to The National Supply Company, Pittsburgh, Pa. Apparatus for cold rolling threads. 2,666,348, Jan. 19.
 Tri-State Engineering Company, assignee: *See*—
 Coit, Burton C., Jr.
 Triumph Hosiery Mills, Inc.: *See*—
 Goodman, Norman H. 2,697,925.
 Troche, Herman J., Fairview Park, and J. H. Holan, Rocky River, assignors to J. H. Holan Corporation, Cleveland, Ohio. Aerial ladder. 2,667,296, Jan. 26.
 Troche, Herman J., Fairview Park, and J. H. Holan, Rocky River, assignors to J. H. Holan Corporation, Cleveland, Ohio. Locking-bolt operating structure. 2,668,076, Feb. 2.
 Troeger, Henry, Ramsey, assignor to Bendix Aviation Corporation, Teterboro, N. J. Starter for internal-combustion engines. 2,665,587, Jan. 12.
 Troeger, Henry, Ramsey, and R. M. Flanagan, Morris Plains, assignors to Bendix Aviation Corporation, Teterboro, N. J. Self-priming centrifugal pump. 2,666,393, Jan. 19.
 Troendle, Emil, Apopka, Fla. Comb cleaner. 2,668,305, Feb. 9.
 Troendle, William C. 2,688,201, Cl. 40—16.
 Troendly, Harry P., to Borg-Warner Corp. 2,683,510, Cl. 192—45.1.
 Trofimov, Lev A., to Fairchild Engine and Airplane Corp. 2,684,743, Cl. 192—105.
 Troglione, Vincent R.: *See*—
 Loftus, Fred H., and Troglione. 2,676,011.
 Troglione, Vincent R., to Loftus Engineering Corp. 2,697,596, Cl. 266—4.
 Trojan Powder Co.: *See*—
 Bronstein, Jesse B. 2,682,477.
 Bronstein, Jesse B., Jr. 2,683,164.
 Gangwer, Richard C.
 Troller, Theodor H., and C. P. Jenkins, to Joy Mfg. Co. 2,698,129, Cl. 230—117.
 Trombetta, Panfilo. 2,693,866, Cl. 188—171.
 Trombetta, Panfilo. 2,694,165, Cl. 317—165.
 Tromp, Klaas P. 2,685,295, Cl. 137—91.
 Tröndle, Alois, to L. Schuler A. G. 2,690,856, Cl. 221—183.
 Tronic, James S., assignor to Estee Manufacturing Co., Inc., Worcester, Mass. Bath tub seat. 2,671,908, Mar. 16.
 Tronics, Inc., assignee: *See*—
 Geiger, Willard L. 2,675,507.
 Tronnier, Albrecht W., Gottingen, assignor to Voigtlander, A. G., Braunschweig, Germany. Modified Gauss-type photographic objective formed of four components arranged in two groups. 2,670,659, Mar. 2.
 Tronnier, Albrecht W., Gottingen, assignor to Voigtlander A. G., Braunschweig, Germany. Photographic objective comprising four lens members separated by air spaces and enclosing the diaphragm. 2,673,491, Mar. 30.
 Tronnier, Albrecht W., assignor to Voigtlander A. G. 2,677,989, Cl. 88—57.
 Troop, Charles C. 2,681,518, Cl. 37—144.
 Troost, Albert, to Telefunken Gesellschaft fuer drahtlose Telegraphie G. m. b. H. 2,687,521, Cl. 343—113.
 Tropic-Aire, Inc.: *See*—
 Franklin, Burton. 2,681,978.
 Von Behren, William P.
 Trosset, Stanley W., Jr., H. C. Fisher, and S. R. Holmes, to The Gardner Board and Carton Co. 2,698,259, Cl. 117—60.
 Trotman, William E. K., London, England. Cylinder mold for use in papermaking. 2,669,910, Feb. 23.
 Trott, Samuel A.: *See*—
 Cox, Thomas O., Rankin, and Trott.
 Trotter, Percy W., to Ethyl Corp. 2,681,372, Cl. 260—656.
 Trotter, Robert L., Southall, assignor to Lever Brothers & Unilever Limited, Port Sunlight, England. Machine for securing caps to glass jars. 2,673,018, Mar. 23.
 Trotter, Robert L., to Lever Brothers & Unilever Ltd. 2,698,123, Cl. 226—98.
 Trotter, William D.: *See*—
 Shoiket, Henry N., Kinnaman, and Trotter. 2,683,780.
 Trousdale, Robert B., assignor to Stromberg-Carlson Company. 2,675,475, Cl. 250—36.
 Trousdale, Robert B., assignor to Stromberg-Carlson Company. 2,676,250, Cl. 250—27.
 Trousdale, Robert B., to Stromberg-Carlson Co. 2,694,172, Cl. 321—13.
 Trousdale, Robert B., to Stromberg-Carlson Co. 2,694,750, Cl. 179—16.
 Trousdale, Robert B., to Stromberg-Carlson Co. 2,695,954, Cl. 250—27.
 Trousdale, Robert B., to Stromberg-Carlson Co. 2,697,781, Cl. 250—27.
 Troust, Clyde H., assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Filling jig for cartons. 2,673,676, Mar. 30.
 Trout, Horace Q.: *See*—
 Townend, Robert V., and Trout.
 Trout, Perry R.: *See*—
 Gray, Glen G., and Trout.
 Trout, Ralph J., and C. H. Brannen, assignors to American Pipe and Construction Co. 2,675,333, Cl. 117—97.
 Trout, Sheridan W. 2,693,899, Cl. 222—341.
 Trovato, Charles. 2,680,461, Cl. 150—37.
 Troxell, George M., Jr. 2,679,252, Cl. 131—236.
 Troy, Arnold I., Scarsdale, N. Y. Disposable filter and holder. 2,669,995, Feb. 23.
 Troy, Leonard. 2,675,099, Cl. 188—3.
 Troy, Raymond A., to Specialties Development Corp. 2,697,447, Cl. 137—620.
 Troyan, James E., and W. G. Chapman, to Phillips Petroleum Co. 2,684,357, Cl. 260—84.1.
 Troyke, Alfred A. 2,690,368, Cl. 311—88.
 Trubenised (Great Britain) Limited, assignee: *See*—
 Lobbenberg, Hans.
 Truck Equipment Co., Inc.: *See*—
 Walter, Robert J., and Boeck. 2,693,354.
 Trudeau, Charles G.: *See*—
 Malinowski, Theodore P., and Trudeau. 2,688,774.
 True, Max M., Tulsa, Okla. Gun for homogenizing and aerating a flowing stream of plasticized adhesive material. 2,666,626, Jan. 19.
 True, Virgil, B. Fisk, and C. L. Spencer. 2,698,405, Cl. 317—253.
 Truesdell, Henry N., Irvington, N. J. Container for storing and delivering disk records. 2,665,962, Jan. 12.
 Truesdell, John S., Los Angeles, Calif. Apparatus for producing fondant material for candy manufacture. 2,670,937, Mar. 2.
 Truesdell, John S. 2,677,333, Cl. 107—3.
 Truesdell, John S. 2,679,215, Cl. 107—3.
 Truffaut, Robert E. 2,690,587, Cl. 17—1.
 Truitt, James K.: *See*—
 Arnold, George B., Hess, Truitt, and Fitzwilliam.
 Truitt, James K., Wappingers Falls, and G. B. Arnold, Glenham, assignors to The Texas Company, New York, N. Y. Recovery of oil from shale. 2,665,238, Jan. 5.
 Truitt, Joseph A., West Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Yarn unevenness tester. 2,671,199, Mar. 2.
 Trullsson, Sven I., and H. R. Nilsson, assignors, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. 2,680,598, Cl. 257—6.

- Trumble, John T., Detroit, Mich. Interlocking sheet metal and attachment nut construction. 2,665,730, Jan. 12.
- Trumbo, Benjamin F., Uniontown, Ky. Gate latch. 2,669,473, Feb. 16.
- Trump, Frederick O., to General Aniline & Film Corp. 2,690,106, Cl. 95—77.5.
- Trump, John G., and R. W. Cloud, to Research Corp. 2,697,793, Cl. 310—5.
- Trumpler, Paul R., Olean, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Gas separation, including impurity removing steps. 2,671,324, Mar. 9.
- Trunk, William. 2,684,625, Cl. 99—441.
- Trunnell, Harold K., Eugene, Oreg. Lead-in wire anchoring fixture. 2,667,530, Jan. 26.
- Truppe, John R. 2,677,193, Cl. 33—215.
- Trurnit, Hans J., Edgewood, Md. Studying chemical reactions by measuring interfacial film thicknesses. 2,666,355, Jan. 19.
- Trusdel, McLemore G.: *See*—
Shea, Joseph L., Jr., Chandler, and Trusdel. 2,685,340.
- Trusler, Frederick W., Toronto, Ontario, Canada, assignor to Colgate-Palmolive Company, Jersey City, N. J. Neutralizing crude sulfonates. 2,673,207, Mar. 23.
- Trusler, Ralf B., assignor to The Davies-Young Soap Company. 2,674,540, Cl. 106—271.
- Truslow, Neal: *See*—
Plummer, Charles H., Truslow, and Frydryk. 2,676,363.
- Trustees of Boston College: *See*—
Shepard, Edward S. 2,697,203.
- Tryco Manufacturing Co., Inc., assignee: *See*—
De Ment, Harold E., and Wisnasky.
- Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of gamma isomer of benzene hexachloride. 2,673,857, Mar. 30.
- Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of benzene hexachloride of enhanced gamma isomer content. 2,673,883, Mar. 30.
- Tsang, Sien M.: *See*—
Scalera, Mario, and Tsang.
- Tschiedel, Frank G. 2,693,655, Cl. 40—125.
- Tschinkel, Johann F.: *See*—
Hager, Karl F., Michel, Heller, and Tschinkel. 2,690,386.
- Tsien, Hsue C.: *See*—
Chin, Pao H., and Tsien. 2,682,580.
- Tsubota, Min, assignee: *See*—
Seko, Kaichi.
- Tsuchiya, Henry M.: *See*—
Corman, Julian, Tsuchiya, and Koepsell. 2,676,905.
- Tsuchiya, Henry M., and H. J. Koepsell, to the United States of America as represented by the Secretary of Agriculture. 2,686,147, Cl. 195—66.
- Tsunoda, Yoshi, Nobeoka-Shi, assignor to Asahi Kasei Kogyo Kabushiki-Kaisha, Osaka-Shi, Japan. Making cupro-ammonium rayon spinning solution. 2,673,811, Mar. 30.
- Tu, Shutung, assignor to Tanexco, Inc. 2,676,980, Cl. 260—473.6.
- Tubbs, Joseph W.: *See*—
Leevers, Kenneth, and Tubbs. 2,676,366.
- Tubing Appliance Co., Inc.: *See*—
Brame, Allen J. 2,691,315.
Brame, Allen J. 2,691,316.
Fish, Herbert L. 2,680,985.
Fish, Herbert L. 2,693,123.
- Tubing Seal Cap, Inc.: *See*—
Livermont, Frank W., Collins, and Gresham. 2,688,181.
Livermont, Frank W., Collins, and Gresham. 2,688,297.
- Tuboscope Co.: *See*—
Ballard, Lester W. 2,677,880.
Price, Berry G.
Price, Berry G., and Wood. 2,685,672.
- Tuck, Clarence M. 2,696,006, Cl. 2—97.
- Tuck, James A., Philadelphia, Pa., assignor, by mesne assignments, to L. Krantz, New York, N. Y. Machine for automatically producing apparel belts and like strap bodies. 2,664,732, Jan. 5.
- Tuck, James A., to L. Krantz. 2,690,910, Cl. 271—54.
- Tuck, Joseph H.: *See*—
Cook, Wilfred J., Barker, and Tuck. 2,686,757.
- Tucker, Charles M., to Phillips Petroleum Co. 2,688,605, Cl. 260—41.5.
- Tucker, Daniel F., to Wyandotte Chemicals Corp. 2,693,818, Cl. 137—454.4.
- Tucker, Eugene L. 2,687,081, Cl. 99—439.
- Tucker, Herbert E., assignor to Cardwell Westinghouse Company. 2,674,449, Cl. 267—3.
- Tucker, Herbert E., to Cardwell Westinghouse Co. 2,687,295, Cl. 267—9.
- Tucker, Herbert E., to Cardwell Westinghouse Co. 2,687,296, Cl. 267—9.
- Tucker, John T., Oxnard, Calif. Walking vehicle. 2,667,937, Feb. 2.
- Tucker, Shirley S. 2,678,220, Cl. 280—145.
- Tucker, Warren R., assignor to H-P-M Development Corporation, Mount Gilead, Ohio. Hydraulically actuated shift control for hydraulic pumps. 2,669,935, Feb. 23.
- Tucker, Warren R., to H-P-M Development Corp. 2,693,813, Cl. 137—269.
- Tucker, Welsey L. 2,679,863, Cl. 137—625.28.
- Tucker, William E. 2,693,869, Cl. 193—43.
- Tucker, William H.: *See*—
Gould, Gerald G., Krupotich, Olmsted, and Tucker. 2,693,109.
- Tucker, William I., Jr.: *See*—
Call, David L., and Tucker. 2,698,087.
- Tucker, William M., assignor to Eastman Kodak Company. 2,678,908, Cl. 204—36.
- Tuckerman, Arnold J., M. Kushner, and A. Gallaccio. 2,686,936, Cl. 18—58.7.
- Tudbury, Chester A., to The Ohio Crankshaft Co. 2,689,297, Cl. 219—10.53.
- Tuddenham, James G. 2,687,114, Cl. 119—54.
- Tuel, William G.: *See*—
Rice, Philip K., and Tuel. 2,677,252.
- Tuft, Miles H., Huntington Park, Calif., assignor to Hardie Manufacturing Company, Hudson, Mich. Dusting machine. 2,670,566, Mar. 2.
- Tuft, Miles H., assignor to Hardie Manufacturing Company. 2,680,324, Cl. 43—148.
- Tuft, Miles H., to Hardie Mfg. Co. 2,691,236, Cl. 43—148.
- Tulagin, Vsevolod, to General Aniline & Film Corp. 2,687,353, Cl. 95—2.
- Tulagin, Vsevolod, to General Aniline & Film Corp. 2,695,233, Cl. 95—2.
- Tull, George K. 2,674,062, Cl. 45—129.
- Tull, Merle E., and D. A. Moon. 2,686,332, Cl. 16—163.
- Tull, William J.: *See*—
Berger, France B., and Tull. 2,688,743.
Robinson, Carl C., and Tull. 2,677,758.
- Tulleners, Andre P.: *See*—
Wallace, Henry S., and Tulleners. 2,684,440.
- Tulleuda Hortel, Francisco. 2,684,565, Cl. 57—24.
- Tullinen, Bernhard U., Anchorage, Alaska. Folding bench. 2,673,594, Mar. 30.
- Tullis, David R. 2,678,169, Cl. 241—186.
- Tully, John N.: *See*—
Olson, Carl M., and Tully.
- Tung-Sol Electric Inc.: *See*—
Atkins, Carl E. 2,682,624.
Mitchell, Alex V. 2,696,559.
- Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Frequency controlling system. 2,668,232, Feb. 2.
- Tunkl, Julius: *See*—
Hills, Elmer G. 2,688,083.
- Tunnell, Myrtle J. 2,691,376, Cl. 128—284.
- Tunncliff, Eustace: *See*—
Richardson, Arthur B. F. G., Tunncliff, and Fisher. 2,678,838.
Richardson, Arthur B. F. G., Tunncliff, and Fisher. 2,678,839.
- Tupa, Frank J. 2,694,467, Cl. 187—17.
- Tupper, Earl S. 2,690,861, Cl. 222—498.
- Tupper, Earl S. 2,695,645, Cl. 150—0.5.
- Tupper, Earl S. 2,695,732, Cl. 222—189.
- Turausky, Mary. 2,687,542, Cl. 15—111.
- Turbex Corp., The: *See*—
Hutchinson, David W. 2,693,080.
- Turbine Equipment Co.: *See*—
Hynes, Lee P. 2,694,765.
- Turck, Jean, Cachan, France. Thermopile. 2,671,818, Mar. 9.
- Turck, Joseph A. V., Jr., assignor to Colgate-Palmolive Company. 2,678,921, Cl. 252—161.
- Turechek, George F., to Lane-Wells Co. 2,683,786, Cl. 200—105.
- Turecki, Edward: *See*—
Nelson, Martin J., and Turecki. 2,678,989.
- Turinsky, Otto, Western Springs, and R. A. Reck, assignors to Armour and Company, Chicago, Ill. Preparation of the higher monoacyl amides from monoamides and acid halides. 2,672,470, Mar. 16.
- Turk, Anthony G.: *See*—
Finneburgh, Lewis H., Jr., and Turk. 2,694,539.
- Turk, Robert, Gars am Kamp, Austria. Journal bearing, in particular for axles of rolling stock. 2,669,492, Feb. 16.
- Turk, Robert. 2,681,258, Cl. 308—53.
- Turk, Stanley D.: *See*—
Mahan, John E., and Turk. 2,688,619.
Mahan, John E., and Turk. 2,695,292.
- Turkel, David H.: *See*—
Shotsky, Nathan. 2,687,703.
- Turkish, Michael C.: *See*—
Oldberg, Sidney, and Turkish.
- Turkish, Michael C., to Eaton Mfg. Co. 2,694,389, Cl. 123—90.
- Turkleson, Robert E., and B. J. Showalter, Beaumont, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Percolation filter. 2,665,811, Jan. 12.
- Turley, Charles W. 2,696,610, Cl. 340—368.
- Turley, Comer, Lindale, Ga. Bobbin stripper. 2,670,521, Mar. 2.
- Turnbow, Grover D., Piedmont, assignor to International Dairy Engineering Company, Oakland, Calif. Preserving the fresh natural flavor of butterfat. 2,673,155, Mar. 23.

- Turnbull, Frederick M.: *See*—
Brown, Frank E.
Brown, Frank E. 2,698,015.
- Turnbull, Norman K.: *See*—
Musser, C. Walton, and Turnbull.
- Turnbull, Norman K., and W. J. Kroeger. 2,675,871, Cl. 161—18.
- Turnbull, Norman K., W. J. Kroeger, and K. L. Putscher. 2,675,872, Cl. 161—18.
- Turnbull, Robert G.: *See*—
Scarce, Chester H., and Turnbull. 2,697,559.
- Turner, Allan L.: *See*—
Millard, Everett M., Turner, Kurz, and Dockery.
- Turner Bits, Inc., assignee: *See*—
Turner, Morris F. 2,676,790.
- Turner, Charles R.: *See*—
Hortman, Harvey E., Jr., and Turner. 2,697,156.
- Turner, Charles R., and P. G., to Proctor Electric Co. 2,691,082, Cl. 200—122.
- Turner, Clarence M., assignor to United States of America as represented by the United States Atomic Energy Commission. 2,677,771, Cl. 250—41.9.
- Turner, Clarence M., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,679,597, Cl. 250—41.9.
- Turner, Clarence M., to the United States of America as represented by the United States Atomic Energy Commission. 2,690,521, Cl. 313—231.
- Turner, Clarence P.: *See*—
Peebles, David D., and Turner.
- Turner, Denys G.: *See*—
Balkin, Mark, and Turner. 2,685,109.
- Turner, Dessie: *See*—
Turner, Dewey O. 2,687,221.
- Turner, Dewey O., by decree of distribution to Dessie Turner. 2,687,221, Cl. 213—185.
- Turner, Edwin A., to The Standard Stoker Co., Inc. 2,691,351, Cl. 107—12.
- Turner, Edwin E., West Roxbury, assignor to Raytheon Manufacturing Company, Newton, Mass. Magnetostrictive transducer. 2,670,446, Feb. 23.
- Turner, Edwin E., Jr.: *See*—
Rich, Stanley R., and Turner. 2,684,449.
- Turner, Edwin E., Jr., West Roxbury, Mass., assignor to Raytheon Manufacturing Company. Radio receiver system. 2,667,574, Jan. 26.
- Turner, Estie L., to R. E. Beckwith. 2,681,144, Cl. 206—72.
- Turner, Frank D., to Victrylite Candle Co. 2,689,470, Cl. 67—22.
- Turner, Frederick J. L.: *See*—
Salmon, Reginald D., Munk, and Turner.
- Turner, Gary F. 2,693,265, Cl. 197—80.
- Turner, Geoffrey B.: *See*—
Aldred, Fred C., and Turner. 2,683,090.
- Turner, George. 2,697,556, Cl. 241—35.
- Turner, George L.: *See*—
Burrus, Robert E., Elliott, and Turner. 2,697,491.
Elliott, Morris R., and Turner.
Elliott, Morris R., and Turner. 2,693,290.
- Turner, George L., assignor to Clark Equipment Company, Buchanan, Mich. Supporting mechanism for rotating axle housings for welding. 2,664,843, Jan. 5.
- Turner, George L., to Clark Equipment Co. 2,690,700, Cl. 89—36.
- Turner, Gilbert M.: *See*—
Kemp, Harold S., Pyle, and Turner. 2,681,306.
- Turner, Harold H., to Borg-Warner Corp. 2,689,633, Cl. 192—41.
- Turner, Herbert H. 2,690,352, Cl. 298—8.
- Turner, James F., and C. P. Breidenbaugh, to Flynn & Emrich Co. 2,690,721, Cl. 110—103.
- Turner, John L., to A. B. Chance Co. 2,698,422, Cl. 339—109.
- Turner, John R.: *See*—
Hockenberger, George C., and Turner. 2,679,204.
- Turner, John R., assignor to Remington Arms Company, Inc. 2,679,311, Cl. 198—33.
- Turner, Mack F. 2,685,895, Cl. 139—273.
- Turner, Morris F., assignor to Turner Bits, Inc. 2,676,790, Cl. 255—344.
- Turner, Nelson C.: *See*—
Baird, John B., and Turner.
- Turner, Nelson C., assignor to Hudson Engineering Corporation, Houston, Tex. Refrigeration method, system, and apparatus. 2,667,764, Feb. 2.
- Turner, Nelson C., to Hudson Engineering Corp. 2,693,948, Cl. 261—21.
- Turner, Paul G.: *See*—
Turner, Charles R., and P. G. 2,691,082.
- Turner, Raymond H., St. Louis, Mo. Dancing toy. 2,664,668, Jan. 5.
- Turner, Richard G.: *See*—
Herard, Archibald J., Jr., and Turner. 2,679,267.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works. 2,675,028, Cl. 139—191.
- Turner, Richard G., to Crompton & Knowles Loom Works. 2,693,829, Cl. 139—125.
- Turner, Richard G., to Crompton & Knowles Loom Works. 2,693,831, Cl. 139—186.
- Turner, Richard J.: *See*—
Bentz, Alan P., West, and Turner.
- Turner, Richard J., and J. J. Lawson, to American Cyanamid Co. 2,691,042, Cl. 260—570.7.
- Turner Tanning Machinery Company, The, assignee: *See*—
Brill, Peter A., and McLaughlin. 2,674,114.
- Turner Tanning Machinery Co. Ltd.: *See*—
Hall, Clifford. 2,685,791.
- Turner, Thomas W. 2,677,364, Cl. 126—25.
- Turner, Vernon A.: *See*—
Gollus, Le Roy R., Hay, Milton, and Turner. 2,675,068.
- Turner, William D., and E. T. Rasko, to Airkem, Inc. 2,691,615, Cl. 167—24.
- Turner, William E., to O. B. Andrews Co. 2,690,290, Cl. 229—87.
- Turner, William E., and T. W. Foster, assignors of 1/2 to Container Corporation of America, and 1/2 to O. B. Andrews Company. 2,675,157, Cl. 229—28.
- Turner, William Y., Chicago, Ill. Golf practice sighting device. 2,669,782, Feb. 23.
- Turner, Wylie E., Jr.: *See*—
Weigandt, Carl F. 2,682,128.
- Turnes, Angel N. 2,681,462, Cl. 15—122.
- Turnham, Fitzhugh H.: *See*—
Gilliland, William H., and Turnham. Re. 23,915.
Gilliland, William H., and Turnham. 2,688,666.
- Turnock, Arthur G.: *See*—
Box, William E., Claridge, and Turnock. 2,690,263.
Box, William E., Claridge, and Turnock. 2,693,279.
- Turscak, June L., and W. M. Flaherty. 2,678,449, Cl. 2—203.
- Tursky, Charles M., Neshanic, N. J. Fluid filter. 2,667,271, Jan. 26.
- Tursky, Charles M., Englewood, N. J. Self-cleaning fluid filter. 2,667,272, Jan. 26.
- Turton, Cecil B.: *See*—
Hammerly, Herman J., and Turton. 2,696,533.
- Tusina, Edward J.: *See*—
Lucci, Chester J., Lukas, and Tusina. 2,680,584.
- Tuson, Vernon H.: *See*—
Fraser, Robert, and Tuson.
- Tusting, John C., Harrold, Bedford, and G. Overstall, Stubbins, Ramsbottom, England. Conveyer and transfer apparatus for the drying of leather. 2,667,981, Feb. 2.
- Tuten, James M., Greenville, S. C., assignor to Draper Corporation, Hopedale, Mass. Lay for looms. 2,671,474, Mar. 9.
- Tuten, James M., assignor to Draper Corporation. 2,680,456, Cl. 139—377.
- Tuthill, Roger W., and A. U. Welch, Jr., assignors to General Electric Company. 2,680,181, Cl. 219—8.
- Tutt, Richard D., assignor to Tuttle & Bailey, Incorporated. 2,674,934, Cl. 98—38.
- Tuttle & Bailey, Incorporated, assignee: *See*—
Tutt, Richard D. 2,674,934.
- Tuttle, Clifton M., to Kenyon Instrument Co., Inc. 2,688,278, Cl. 95—14.
- Tuttle, Clifton M., and F. M. Brown, Halesite, assignors to Kenyon Instrument Company, Inc., Huntington, N. Y. Apparatus for processing photographic film. 2,665,619, Jan. 12.
- Tuttle, Harry C., New York, N. Y. Voice muffler. 2,670,054, Feb. 23.
- Tuttle, John R., Jr., and H. J. Shahnazarian, to Standard Oil Development Co. 2,683,061, Cl. 299—104.
- Tuttle, Wainwright: *See*—
Efford, John T., and Tuttle. 2,691,466.
- Tuttle, Wainwright, to Bridgeport Brass Co. 2,681,252, Cl. 299—95.
- Tutton, Harry V., to Sherman Products, Inc. 2,693,839, Cl. 152—226.
- Tutwiler, Thomas S.: *See*—
Popkin, Alexander H., and Tutwiler. 2,689,223.
- Tutwiler, Thomas S., and J. H. Bartlett, assignors to Standard Oil Development Company. 2,678,919, Cl. 252—56.
- Tuve, Richard L. 2,675,776, Cl. 116—114.
- Tuve, Richard L. 2,696,266, Cl. 169—14.
- Twentieth Century Fox Film Corp.: *See*—
Hurd, Yorick G., and Bragg. 2,683,679.
- Twerdahl, Edward A., Evanston, Ill. Mopping apparatus. 2,664,584, Jan. 5.
- Twigg, Robert W., to Bartelt Engineering Co. 2,689,073, Cl. 226—59.
- Twin Cities Container Corporation, assignee: *See*—
Agrodale, John. 2,676,749.
- Ritchie, Mansfield F.
- Twin Disc Clutch Company, assignee: *See*—
Wolf, Lloyd J.
- Twiss, Donald T. 2,674,038, Cl. 30—290.
- Twist, Basil R.: *See*—
Heckathorn, Loyd E., and Whitcomb. 2,687,680.
- Twist, Thomas O.: *See*—
Roper, John M., and Twist.
- Twitcheil, E. W., Inc.: *See*—
Harney, Donald N. 2,686,746.
- Twitcheil, Harry J.: *See*—
Harrison, Francis R., and Twitcheil. 2,681,338.
- Twivey, Derrick, to Electric & Musical Industries Ltd. 2,681,403, Cl. 219—12.
- Twix, Inc., assignee: *See*—
Diveley, Harry G.
- Twomey, Lee S. 2,696,088, Cl. 62—175.5.
- Tydings, Kenneth S., and N. Rosenthal, assignors to Cameralix, Inc. 2,674,932, Cl. 95—44.

- Tyerman, David J., Burbank, Calif. Toe-in change indicator for automobiles. 2,664,644, Jan. 5.
- Tygart, James C., Nashville, Ga. Combined dusting and broadcasting machine. 2,668,060, Feb. 2.
- Tyler, John M., assignor to United Aircraft Corporation. 2,679,837, Cl. 123—180.
- Tyler, Leslie J.: *See—*
Daudt, William H., and Tyler. 2,676,182.
- Tyler, Ransom, to The Oilgear Co. 2,683,966, Cl. 60—51.
- Tyler, Wayne H., Tucson, Ariz. Electric can opener. 2,673,058, Mar. 23.
- Tyree, Andrew T., to Modern Metal Craftsmen, Inc. 2,697,407, Cl. 108—1.
- Tyree, Lewis: *See—*
Collins, Samuel C., Paget, and Tyree.
- Tyska, Henry. 2,681,558, Cl. 70—167.
- Tyson, Charles W.: *See—*
Ogorzally, Henry J., and Tyson. 2,689,787.
- Tyzzer, Howard J., to Ferris Instrument Laboratories. 2,684,462, Cl. 323—53.
- USCO Power Equipment Corp.: *See—*
Gilliland, William H., and Turnham. Re. 23,915.
Gilliland, William H., and Turnham. 2,688,666.
- Uberbacher, Edward C. 2,674,334, Cl. 180—82.
- Ubezio, Lorenzo: *See—*
Vogelsanger, Ernst, and Ubezio.
- Uddgren, Albert E., to Aktiebolaget Original-Odhner. 2,692,036, Cl. 197—114.
- Udel, Bernard. 2,688,434, Cl. 229—51.
- Udelman, Jaime. 2,682,258, Cl. 123—16.
- Udy, Marvin J. 2,674,531, Cl. 75—31.
- Udylite Corp., The: *See—*
Brown, Henry. 2,678,910.
Brown, Henry. 2,690,996.
Brown, Henry. 2,694,041.
Clark, Chester G. 2,696,122.
Davis, John V. 2,678,714.
Davis, John V. 2,678,719.
Davis, John V. 2,681,015.
- Uecker, Donald F.: *See—*
Goertz, Raymond C., and Uecker. 2,679,940.
- Ugnow, Kenneth M., Jr., and J. T. Mengel. 2,698,382, Cl. 250—27.
- Uher, Edmond, Paris, France. Rotary cylinder lock provided with flat tumbler elements. 2,666,322, Jan. 19.
- Uher, Edmond, Munich, Germany, assignor to Uher Engineering Company, Panama, Republic of Panama. Power unit. 2,668,914, Feb. 9.
- Uher, Edmond, Munich, Germany, assignor to Uher Engineering Company, Panama, Republic of Panama. Electrically driven fly-wheel starter. 2,668,917, Feb. 9.
- Uher, Edmond. 2,677,423, Cl. 164—50.
- Uher, Edmond. 2,696,099, Cl. 70—134.
- Uher Engineering Company, assignee: *See—*
Uher, Edmond.
- Uhl, Arthur W., to Specialties Development Corp. 2,682,613, Cl. 250—218.
- Uhl, Arthur W., to Specialties Development Corp. 2,692,528, Cl. 88—14.
- Uhl, William H., Penfield, assignor to Commercial Controls Corporation, Rochester, N. Y. Selective duplicating machine. 2,673,517, Mar. 30.
- Uhlenhaut, Rudolf E., assignor to Daimler-Benz Aktiengesellschaft. 2,678,035, Cl. 123—108.
- Uhler, Wilmer P., assignor to The S. S. White Dental Manufacturing Company. 2,679,378, Cl. 251—331.
- Uhlig, Edwin C., Greenwood, R. I., assignor to United States Rubber Company, New York, N. Y. Molding thermoplastic articles. 2,673,371, Mar. 30.
- Uhlig, Edwin C., and A. De Fusco, assignors to United States Rubber Company. 2,678,961, Cl. 136—146.
- Uhlig, Henry C., Clifton, assignor to Howe Twister Corporation, Jersey City, N. J. Tensioning device for elongated flexible material. 2,667,029, Jan. 26.
- Uhrain, Michael C.: *See—*
Rodder, William, and Uhrain. 2,695,931.
- Uhrig, Leo V., and J. N. Atkins, Jr., to Standard Oil Development Co. 2,689,144, Cl. 286—26.
- Uhrmacher, Ralph R.: *See—*
Buenger, Edward F., Uhrmacher, Cairelli, and Rundblad.
- U-Kart Inc.: *See—*
Bateman, William R., Matter, and Burns. 2,693,968.
- Ulander, Per H. N., to James Howden & Co., Ltd. 2,683,023, Cl. 257—6.
- Ulbing, Otmar M. 2,685,504, Cl. 48—180.
- Ulich, Lynne H., Woodstown, N. J., and W. R. Waldron, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of 2,2'-dimethyl-1,1'-dianthraquinonyl. 2,666,768, Jan. 19.
- Uliniski, Bronislaus I., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Truck-mounted load pusher and puller. 2,672,249, Mar. 16.
- Uliniski, Bronislaus I., assignor to The Yale & Towne Manufacturing Company. 2,676,722, Cl. 214—651.
- Uliniski, Bronislaus I., to The Yale & Towne Mfg. Co. 2,685,976, Cl. 214—653.
- Uliniski, Bronislaus I., to The Yale & Towne Mfg. Co. 2,693,289, Cl. 214—653.
- Ullberg, Frederick G. W., Jr., and E. W. Baird, Jr., assignors to Rakit Corporation, Inc., Philadelphia, Pa. Support. 2,667,322, Jan. 26.
- Ullin, Carl G. 2,686,928, Cl. 17—4.
- Ullman, Fred E., assignor to Triangle Package Machinery Company. 2,674,256, Cl. 137—92.
- Ullman, Myron E., Jr.: *See—*
Stanitz, Jacques, Habe, and Ullman. 2,692,602.
Stanitz, Jacques, Ullman, and Habe. 2,692,605.
- Ullstrand, Hugo M., to Aktiebolaget Elektrolux. 2,682,156, Cl. 62—119.5.
- Ullyot, Glenn E.: *See—*
Kerwin, James F., and Ullyot. 2,683,719.
Kerwin, James F., and Ullyot. 2,683,744.
- Ulm, Reign C.: *See—*
Allen, Marvin K., and Ulm.
- Ulm, Reign C., assignor to Graver Tank & Mfg. Co., Inc., East Chicago, Ind. Floating roof. 2,669,371, Feb. 16.
- Ulm, Reign C., Schererville, Ind., and E. Wetterstrom, Chicago, Ill., assignors to Graver Tank & Mfg. Co., Inc., East Chicago, Ind. Tank structure. 2,673,001, Mar. 23.
- Ulmer, Alfred R., assignor to Radio Corporation of America. 2,676,101, Cl. 95—5.
- Ulmer, Richard C., and J. A. Ulrich, Jr., assignors to E. F. Drew & Co., Inc. 2,675,351, Cl. 210—23.
- Ulrey, Ray C.: *See—*
Guernsey, Robert W., and Ulrey.
- Ulrich, Erwin W., Rosemount, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Polyvinyl acetate dispersion and method of making utilizing polyacrylic acid and monomer soluble and monomer insoluble catalyst. 2,671,065, Mar. 2.
- Ulrich, Frederick, to Conmar Products Corp. 2,694,243, Cl. 24—205.14.
- Ulrich, John A., Jr.: *See—*
Ulmer, Richard C., and Ulrich. 2,675,351.
- Ulrich, Joseph. 2,688,526, Cl. 312—221.
- Ulrich, Robert E.: *See—*
Guy, Albert C., and Ulrich. 2,686,828.
- Ulrich, Roy E. 2,682,250, Cl. 116—112.
- Ulrich, Siegfried P. 2,683,455, Cl. 128—75.
- Ulrich, Theodore, to Nash-Kelvinator Corp. 2,694,598, Cl. 296—107.
- Ultrasonic Corp.: *See—*
Fowle, Arthur A. 2,693,943.
Fowle, Arthur A. 2,693,944.
Neumann, Ernest P., and Lustwerk. 2,683,971.
Neuman, Ernest P., and Lustwerk. 2,688,851.
Neumann, Ernest P., and Lustwerk. 2,688,852.
- Umbdenstock, Robert R.: *See—*
Miskel, John J., Umbdenstock, and Woodward. 2,688,568.
- Umbenhower, Frank G. 2,684,065, Cl. 128—133.
- Umberger, Jacob Q.: *See—*
Grumbine, Arthur W., and Umberger.
- Umina, Francis R., to Collins Radio Co. 2,691,059, Cl. 174—74.
- Umney, Laurie E. R., to Vokes Ltd. 2,696,911, Cl. 209—142.
- Umphey, Donald M., assignor to Pacific Electric Manufacturing Corporation. 2,675,446, Cl. 200—150.
- Umphey, Donald M., to Pacific Electric Mfg. Corp. 2,697,352, Cl. 73—397.
- Umrath, Ernst: *See—*
Bartley, Harry C., and Umrath.
- Umsted, Carleton G., to The Sperry Corp. 2,687,043, Cl. 74—198.
- Uncas Manufacturing Company, assignee: *See—*
Sorrentino, Vincent.
- Underdown, John W. 2,696,772, Cl. 97—42.
- Underwood, Arthur F., assignor to General Motors Corporation. 2,674,950, Cl. 103—41.
- Underwood Corp.: *See—*
Anderson, Walter A.
Anderson, Walter A. 2,684,747.
Anderson, Walter A. 2,684,808.
Anderson, Walter A. 2,692,486.
Anderson, Walter A. 2,692,556.
Becker, Fred. 2,697,502.
Dulong, Paul R. 2,691,438.
Helmond, William F. 2,675,112.
Jones, Willard C. 2,675,115.
Lambert, Edgar D. 2,681,719.
Penny, Chester F. 2,675,031.
Sagner, Walter T. 2,684,146.
Schroder, Charles.
Sharpe, Arthur H.
Sharpe, Arthur H. 2,684,198.
Smith, Jesse A. B. 2,690,343.
Sundstrand, Oscar J. 2,695,134.
Sundstrand, Oscar J., and Swanson.
Swanson, Oscar W.
Toggenburger, John. 2,686,469.
Toggenburger, John. 2,687,251.
Toggenburger, John. 2,697,504.
Wise, Elmer L. 2,687,795.
Yaeger, Harry C.
Yaeger, Harry C. 2,675,109.
Yaeger, Harry C. 2,681,129.
Yaeger, Harry C. 2,681,720.
Yaeger, Harry C. 2,697,503.
- Underwood, Fred W. 2,685,434, Cl. 257—9.
- Underwood, George E., Jr.: *See—*
Smith, Rossman W., and Underwood. 2,677,278.
- Underwood, James E., assignor to The West Company. 2,680,531, Cl. 215—38.

- Underwood, Orville J., to Minneapolis-Honeywell Regulator Co. 2,696,120, Cl. 73—360.
- Underwood, Verlin A. 2,681,507, Cl. 33—27.
- Undy, Gustav E., to Multi-Products Co. 2,697,823, Cl. 340—147.
- Ungar, Gustave A., deceased, late of New Rochelle, N. Y., by I. Ungar, administratrix, New Rochelle, N. Y., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Apparatus for making honeycomb cores for sandwich-type structures. 2,670,026, Feb. 23.
- Ungar, Gustave A., deceased, New Rochelle, N. Y., I. Ungar, administratrix of said G. A. Ungar, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Making honeycomb cores for sandwich-type structures. 2,670,314, Feb. 23.
- Ungar, Gustave A., deceased (I. Ungar, administratrix), to Equi-Flow, Inc. 2,691,482, Cl. 230—138.
- Ungar, Irma: *See*—
Ungar, Gustave A.
Ungar, Gustave A. 2,691,482.
- Ungemach, Otto: *See*—
Weissenberg, Gustav, and Ungemach.
- Unger, Chester E., to Eli Lilly and Co. 2,689,677, Cl. 226—75.
- Ungewiss, Alfred. 2,691,088, Cl. 201—64.
- Ungh, Elgard M. 2,697,374, Cl. 84—280.
- Unglert, Melvin C., and H. D. Fraser, assignors to Westinghouse Electric Corporation. 2,675,496, Cl. 313—290.
- Unicam Instruments Ltd.: *See*—
Daly, Edgar F. 2,690,093.
- Uniflow Manufacturing Company, assignee: *See*—
Campbell, Harold B., and Bloom. 2,678,549.
Schmuck, Carl J. 2,677,241.
- Unimatic Corp.: *See*—
Bottoni, Robert J., and Haroldson. 2,686,064.
- Union Asbestos & Rubber Co.: *See*—
Elfvig, Thore M.
Kirkpatrick, Henry O. 2,696,084.
O'Connor, Arthur F. 2,685,213.
- Union Carbide and Carbon Corp.: *See*—
Aitchison, Robert B., and Smith. 2,694,550.
Anthes, Clifford C.
Bagley, Glen D.
Behnke, Edward R., Scheller, and Pilia. 2,685,632.
Binder, William O. 2,684,299.
Binder, William O., and Bishop. 2,678,881.
Broderick, Aubrey E. 2,682,535.
Broderick, Aubrey E., and Morison. 2,689,863.
Bucknam, James H., and Hartmann. 2,680,608.
Burdick, John N., and Jones. 2,690,062.
Clark, Jared W. 2,685,606.
Conant, Louis A. 2,695,945.
Conant, Louis A. 2,695,946.
Crafts, Walter. 2,674,529.
Curtin, John L., and Yenni.
Denison, Walter A., and Wise. 2,689,872.
Eversole, William G., and Burdick. 2,690,630.
Eversole, William G., and Drost. 2,693,421.
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 Keen, Alexis W.
 Knapp, Robert L.
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 Kulka, Marshall, and Manske.
 Ladd, Elbert C., and Harvey.
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 Mankowich, Ivan.
 Marick, Louis. 2,687,761.
 McCord, Georgie P. 2,689,377.
 Michiels, Gustave M.
 Miner, Samuel S., and Clark. 2,698,273.
 Mollica, Russell R., and Sweet. 2,689,812.
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 Prager, William.
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 Renick, James A., and Baldwin. 2,686,553.
 Rhodes, Thomas J. 2,693,007.
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 Shigekawa, Toy T. 2,693,006.
 Slovin, David G. 2,678,676.
 Smith, Hubert T. 2,678,468.
 Teague, Merwyn C. 2,677,872.
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 Thornburg, Harold A. 2,674,811.
 Uhlig, Edwin C.
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 Artac, Frank J., Jr. 2,680,977.
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 Brezin, Martin.
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 De Witz, Alfred E. E., and Roy. 2,695,269.
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 Fairburn, A. John B. 2,695,594.
 Farrier, Clarence W. 2,691,433.
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 Green, John H. 2,694,515.
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 Vonada, Edwin E.
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 Whissen, Chester A.
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 Hanze, Arthur R., and Levin.
 Hanze, Arthur R., and Ogilvie.
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 Hogg, John A., Nathan, and Lincoln. 2,683,722.
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 Magerlein, Barney J.
 Magerlein, Barney J., and Levin. 2,686,793.
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 Uraneck, Carl A., and S. H. Landes, assignors to Phillips Petroleum Company. 2,679,497, Cl. 260—94.2.
 Uraneck, Carl A., and S. H. Landes, to Phillips Petroleum Co. 2,694,053, Cl. 260—84.7.
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 Urban, Arthur H., $\frac{1}{2}$ to W. D. Keith. 2,680,886, Cl. 20—57.5.
 Urban, Charlie J., Weinert, Tex. Cotton picker. 2,673,436, Mar. 30.
 Urban, Richard S., assignor to Rohm & Haas Company, Philadelphia, Pa. Preparation of diacyloxydecadienes. 2,669,579, Feb. 16.
 Urban, Richard S., to Rohm & Haas Co. 2,688,621, Cl. 260—343.6.
 Urban, Stephen E., T. C. Morris, and E. C. Johnson, assignors to B. B. Chemical Co. 2,677,635, Cl. 154—139.
 Urban, Stephen F., to National Lead Co. 2,684,297, Cl. 75—84.
 Urbanik, John G., Oceanside, N. Y., assignor to The Perkin-Elmer Corporation, Norwalk, Conn. Quadrature rejection system. 2,671,875, Mar. 9.
 Urbano, Joseph V.: *See*—
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 Urquhart, Lloyd G., assignor to H. F. Livermore Corporation. 2,676,620, Cl. 139—263.
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 Ushanoff, Vaselei V., Los Angeles, Calif. Toothbrush holder. 2,667,395, Jan. 26.
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 Usher, John A., J. R., and J. F., Chicago, Ill. Folding chair. 2,669,289, Feb. 16.
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 Usher, John A., J. R., and J. F.
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 Usine Genevoise de Degrossissage d'Or, assignee: *See*—
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 Herbain, Maurice. 2,690,699.
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 Cripe, Gene H., and Petersen. 2,692,749.
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 Schuster, Erich.
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 Utley, Arthur D., deceased, by T. Utley, administrator, and A. Tinkler. 2,675,589, Cl. 20—42.
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 Utter, Joseph L., to the United States of America as represented by the Secretary of the Army. 2,683,607, Cl. 106—58.
 Uttz, William A., Fort Worth, assignor to A. E. Betzel, A. E. Betzel, Jr., and W. A. and C. A. Betzel, doing business as Betzel Specialty Manufacturing Company, Arlington, Tex. Live minnow handling device. 2,671,687, Mar. 9.
 Utz, Friedrich. 2,697,821, Cl. 339—258.
 Utzinger, Gustav E. 2,677,705, Cl. 260—557.
 Utzinger, Gustav E., to Cilag Ltd. 2,688,584, Cl. 167—30.
 Uyal, Roy C. 2,697,258, Cl. 24—10.
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 Václavík, Jaroslav, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Straight knitting machine and operating the same. 2,667,771, Feb. 2.
 Václavík, Jaroslav, assignor to Svít, Národní Podnik. 2,680,362, Cl. 66—96.
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 Billner, Karl P. 2,688,175.
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 Vahlstrom, Carl A., New Britain, and P. J. Walther, Newington, assignors to The American Hardware Corporation, New Britain, Conn. Container latch and lock. 2,664,735, Jan. 5.
 Vahlteich, Hans W.: *See*—
 Gooding, Chester M., Vahlteich, and Neal.
 Vaichulis, John A., Manteno, and A. C. Ivy, Chicago, Ill. Germ-counteracting compositions. 2,668,135, Feb. 2.
 Vaillancourt, John W., to Evabco, Inc. 2,690,575, Cl. 12—128.1.
 Vaksvik, Adrian J., and M. B. Arisman, assignors to Chicago Telephone Supply Corporation, Elkhart, Ind. Combined contact and terminal post for electrical instrumentalities. 2,671,841, Mar. 9.
 Valco Mfg. Co.: *See*—
 Keller, Ralph. 2,683,388.
 Valcourt, Louis E., East Providence, assignor to Kesterman Bros. Mfg. Co., Providence, R. I. Connector for wrist watch bracelets, linkages, and the like. 2,672,668, Mar. 23.
 Vale, Arthur, and H. L. Hothstein, assignors to La Trique Brassiere Company, New York, N. Y. Brassiere. 2,672,612, Mar. 23.
 Valentine, Arthur H. 2,687,000, Cl. 56—299.
 Valentine, Arthur H. 2,687,001, Cl. 56—299.
 Valentine, Benjamin F. 2,676,451, Cl. 56—376.
 Valentine, Edward L. 2,695,453, Cl. 33—126.7.
 Valentine, George E., and J. H. Eubanks. 2,682,669, Cl. 2—310.
 Valentine, Gordon W. 2,696,542, Cl. 200—130.
 Valetton, Josue J. P., assignor to Hartford National Bank and Trust Company as trustee. 2,676,254, Cl. 250—27.
 Valiente, Cesar M. 2,680,853, Cl. 4—57.
 Valko, Emery I., Mountain Lakes, N. J., assignor to E. F. Drew & Co., Inc., New York, N. Y. Polyethylene glycol esters in fat. 2,666,706, Jan. 19.
 Vallarino, Antonio R., and S. W. Lewinter, to International Telephone and Telegraph Corp. 2,685,642, Cl. 250—6.
 Valle, Saverio D. 2,685,023, Cl. 240—13.
 Vallen, Earl J. 2,676,654, Cl. 160—331.
 Vallett, Walter I., Detroit, assignor to The Corrosion Control Company, Midland, Mich. Anode for cathodic protecting systems. 2,666,027, Jan. 12.

- Valley Evaporating Co.: *See*—
Gerhardt, Otto J.
Gerhardt, Otto J. 2,693,284.
- Valley Forging Co.: *See*—
Lucier, Lawrence L., and Fraunfelder. 2,682,185.
- Vallone, Joseph M., to Barcalo Mfg. Co. 2,681,099, Cl. 155—105.
- Vallone, Salvatore. 2,680,851, Cl. 2—234.
- Valois, Léon, to Wood-Regan Instrument Co., Inc. 2,686,971, Cl. 33—23.
- Valsecchi, Arduino C. P., and J. J. Capurro. 2,691,364, Cl. 120—14.3.
- Valvano, Ralph A. 2,681,582, Cl. 81—53.
- Valyi, Emery I., Bronx, N. Y. Mold forming machine. 2,669,758, Feb. 23.
- Valyi, Emery I., Bronx, N. Y. Mold ejecting mechanism for mold-forming machines. 2,669,759, Feb. 23.
- Van Aalst, Dick J., assignee: *See*—
Kumli, Jakob.
- Van Ackeren, Joseph, assignor to Koppers Co., Inc., Pittsburgh, Pa. Ammonium sulfate crystal producing apparatus. 2,671,011, Mar. 2.
- Van Ackeren, Joseph. 2,681,799, Cl. 261—21.
- Van Ackeren, Paul, assignor, by mesne assignments, to Koppers Company, Inc. 2,680,064, Cl. 48—192.
- Van Ackeren, Paul, and F. Doll, Essen, Germany, assignors, by mesne assignments, to Koppers Company, Inc., Pittsburgh, Pa. Coke oven door. 2,668,075, Feb. 2.
- Vanadium Corporation of America, assignee: *See*—
Strauss, Jerome. 2,676,097.
- Van Alen, De Witt T., assignor to The George W. Borg Corporation, Delavan, Wis. Coil winding machine. 2,668,670, Feb. 9.
- Van Alen, De Witt T., Delavan, and H. G. Foote, Fontana, Wis., assignors to The George W. Borg Corporation, Chicago, Ill. Potentiometer. 2,665,355, Jan. 5.
- Van Alstyne, Alvin G.: *See*—
Johnson, Thomas J., Jr., and Van Alstyne. 2,689,952.
- Van Arsdell, Prudence M.: *See*—
Alther, Joseph G. 2,682,471.
- Van Atta, Lester C., Winchester, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Antenna. 2,671,855, Mar. 9.
- Van Atta, Lester C., to the United States of America as represented by the Secretary of the Navy. 2,688,080, Cl. 250—33.
- Van Ausdall, Carl. 2,696,282, Cl. 192—105.
- Van Beckum William G.: *See*—
Heritage, Clark C., and Van Beckum. 2,697,701.
Heritage, Clark C., and Van Beckum. 2,697,702.
Heritage, Clark C., and Van Beckum. 2,697,703.
- Van Benschoten, William H., West Park, N. Y. Display device. 2,671,285, Mar. 9.
- Van Benschoten, William H. 2,695,469, Cl. 40—96.
- Van Briesen, Fritz H. 2,689,600, Cl. 155—112.
- Van Brode Milling Co., Inc., assignee: *See*—
Brody, David.
- Brody, David, and Coleman. 2,676,348.
- Van Brunt, John Deere, Co.: *See*—
Starr, John H. 2,688,282.
- Van Buren, Harold S., Jr., assignor to United-Carr Fastener Corporation. 2,678,555, Cl. 70—456.
- Van Buren, Harold S., Jr., to United-Carr Fastener Corp. 2,690,586, Cl. 16—142.
- Van Buren, Harold S., Jr., to United-Carr Fastener Corp. 2,690,601, Cl. 24—78.
- Van Buren, Harold S., Jr., to United-Carr Fastener Corp. 2,693,625, Cl. 24—77.
- Van Buskirk, Carroll F.: *See*—
Keys, James R., Van Buskirk, and Oberdorfer.
- Van Buskirk, Leshar W. 2,689,418, Cl. 37—135.
- Van Buuren, Jan, to Werkspoor N. V. 2,682,228, Cl. 103—47.
- Van Camp, Roscoe C. 2,697,786, Cl. 250—33.51.
- Van Campen, Marcus G., Jr.: *See*—
Tilford, Charles H., and Van Campen. 2,685,589.
- Vance, Arthur W., to Radio Corp. of America. 2,685,000, Cl. 179—171.
- Vance, David A.: *See*—
Baker, William R., and Vance. 2,677,778.
- Vance, Frank P., assignor to Phillips Petroleum Company. 2,680,676, Cl. 23—284.
- Vance, Harold P., assignor to General Electric Company. 2,679,352, Cl. 230—137.
- Vance, John E.: *See*—
Beach, Justice H., and Vance.
- Vance, John E., Canton, assignor to The Hoover Company, North Canton, Ohio. Electric iron. 2,668,378, Feb. 9.
- Vance, John E., assignor to The Hoover Company. 2,674,340, Cl. 183—36.
- Vance, John E., to The Hoover Co. 2,688,148, Cl. 15—337.
- Vance, John E., to The Hoover Co. 2,693,001, Cl. 15—323.
- Vance, John E., to The Hoover Co. 2,693,542, Cl. 310—89.
- Van Cutsem, Albert T., to The Glenn L. Martin Co. 2,686,440, Cl. 77—55.
- Vandal, Josephat D. 2,694,946, Cl. 74—562.5.
- Vandal, Normand O., to Hammel-Dahl Co. 2,697,599, Cl. 267—1.
- Van Dam, Walter L., to Atlas Press Co. 2,690,084, Cl. 74—242.13.
- Vandas, Edward B., and E. M. Fischer, St. Louis, Mo. Chair of malleable material. 2,670,787, Mar. 2.
- Van Degrieff, Thomas C., and W. F. King, assignors to General Motors Corporation. 2,675,700, Cl. 73—136.
- Vandekerck, Margaret, Detroit, Mich. Perspiration shield. 2,669,720, Feb. 23.
- Van De Mark, Ray F.: *See*—
Balch, Theodore H., and Van De Mark. 2,696,853.
- Vandenberg, Edwin J., to Hercules Powder Co. 2,682,528, Cl. 260—82.5.
- Vanden Berg, John C., to Waste Conditioning, Inc. 2,688,777, Cl. 19—90.
- Van den Boomgaard, J.: *See*—
Kröger, Ferdinand A., and Boomgaard.
- Vandenburgh, Charles D.: *See*—
Kulp, Maurice P., Vandenburgh, and Chance. 2,689,784.
- Vandenburgh, Charles D., to American Viscose Corp. 2,685,839, Cl. 103—4.
- Van de Poll, Abraham N. J., G. M. A. C. Geeven, G. E. and J. G. Slui, Dordrecht, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Hot-gas reciprocating engine with means for augmenting the pressure medium and supplying combustion air. 2,664,698, Jan. 5.
- Van de Putte, Willem L.: *See*—
Schoenmakers, Pieter J., and van de Putte. 2,698,171.
- Van Der Beck, Roland R.: *See*—
Everhart, John O., Krill, Dine, and Van Der Beck.
- Van der Burgt, Cornelis M., and J. F. Klinkhamer, to Hartford National Bank and Trust Co., trustee. 2,692,344, Cl. 310—26.
- Vandergriff, Arvel L., Columbus, Ga., assignor to Lummus Cotton Gin Company. Cotton hull extractor and cleaner. 2,668,989, Feb. 16.
- Vandergriff, Arvel L., to Lummus Cotton Gin Co. 2,696,025, Cl. 19—69.
- Van der Grinten, Lodewijk E., to Chemische Fabriek L. van der Grinten N. V. 2,681,603, Cl. 95—77.5.
- Van der Grinten, Lodewijk E., to Chemische Fabriek L. van der Grinten N. V. 2,681,604, Cl. 95—77.5.
- Van der Grinten, Lodewijk E., to Chemische Fabriek L. van der Grinten N. V. 2,681,605, Cl. 95—77.5.
- Van der Heem, Jan. 2,677,065, Cl. 310—42.
- Vanderhoef, Henry W. 2,691,430, Cl. 187—9.
- Vander Hoek, Frances, Milwaukee, Wis. Removable pouch for handbags. 2,671,487, Mar. 9.
- Van Der Horst, Henry. 2,689,004, Cl. 160—368.
- Van der Kolk, Hendrik. 2,681,124, Cl. 183—84.
- Vander Linde, Adrian L.: *See*—
Hammond, Lee C., Sutton, Vander Linde, and Krueger. 2,688,275.
- Vander Linde, Adrian L., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Saw blade for cutting printing plates and other printing materials. 2,671,947, Mar. 16.
- Vanderlip, Edward G., to Piasecki Helicopter Corp. 2,684,212, Cl. 244—7.
- Van der Luft, Alexander, V. H. Waldin, S. E. Walker, and P. G. Wrightsman, to E. I. du Pont de Nemours & Co. 2,694,404, Cl. 137—1.
- Vander Lugt, Thomas, Jr., assignor to Sutherland Paper Company, Kalamazoo, Mich. Collapsible partitioned display carton. 2,673,023, Mar. 23.
- Vander Lugt, Thomas, Jr., assignor to Sutherland Paper Company. 2,675,264, Cl. 294—87.2.
- Vander Lugt, Thomas, Jr., assignor to Sutherland Paper Company. 2,678,152, Cl. 229—35.
- Vanderminde, Robert D., to The Telescope Folding Furniture Co., Inc. 2,686,527, Cl. 135—7.1.
- Vanderplank, Hugh, Cardiff, Wales. Door mounting for structures, including cupboards. 2,669,499, Feb. 16.
- Vanderpoel, Albert G., assignor of 1/2 to F. J. Ellers. 2,676,577, Cl. 123—25.
- Van der Pyl, Edward, assignor to Norton Company. 2,674,008, Cl. 18—16.
- Vander Pyl, John R., to Metals & Controls Corp. 2,694,121, Cl. 200—114.
- Van Der Pyl, Lyman M., Penn Hills, assignor to Rockwell Manufacturing Company, Pittsburgh, Pa. Diaphragm. 2,672,052, Mar. 16.
- Vanderschel, Norman, Lubbock, Tex. Safeway baby poser. 2,668,577, Feb. 9.
- Van Der Sluys, William: *See*—
Janeway, Robert N., and Van Der Sluys.
- Van der Spek, Marinus A. 2,683,049, Cl. 292—207.
- Van der Veer, John H., to National Pneumatic Co., Inc. 2,696,579, Cl. 318—250.
- Van der Vliet, Adrian: *See*—
Bouma, Frank, and van der Vliet.
- Van der Vliet, Jacob: *See*—
Reerink, Engbert H., and Van der Vliet. Re. 23,815.
- Vanderzee, Harry H., Racine, Wis., and R. A. McCallum, Clarendon Hills, Ill., assignors, by mesne assignments, to AMI Incorporated. Record changer. 2,666,649, Jan. 19.
- Vanderzee, Harry H., and R. A. McCallum, to AMI Inc. 2,697,607, Cl. 274—10.
- Vanderzee, Harry H., and R. A. McCallum, to AMI Inc. 2,697,608, Cl. 274—15.
- Van Deussen, Werter P.: *See*—
Minsk, Louis M., Van Deussen, and Robertson.
Minsk, Louis M., and Van Deussen. 2,690,966.

- Van De Veer, Roy M., to Dutro Company. 2,686,344, Cl. 20—78.3.
- Van Deventer, Harry R., assignor, by mesne assignments, to Telephone Answering and Recording Corporation, New York, N. Y. Means for controlling telephone answering devices. 2,673,242, Mar. 23.
- Van Deventer, Harry R., New York, N. Y., and P. C. Bailey, Warminster, Pa., assignors, by mesne assignments, to Telephone Answering and Recording Corporation, New York, N. Y. Telephone answering and recording device. 2,673,241, Mar. 23.
- Van de Walle, Charles: *See*—
Van de Walle, Edmond, C. Van de Walle, and Bonnefoy.
- Van de Walle, Edmond, Neuilly-sur-Seine, C. Van de Walle, Paris, and E. Bonnefoy, La-Varenne-Saint-Hilaire, France. Feeder for molten glass. 2,669,806, Feb. 23.
- Van Dijk, Arend M., assignor to Stamicarbon N. V. 2,679,314, Cl. 198—184.
- Van Dijk, Willem J. D., $\frac{1}{2}$ to Stichting voor Fundamenteel Onderzoek der Materie. 2,695,367, Cl. 310—5.
- Van Dijk, Willem J. D., and W. M. Mazee, to Shell Development Co. 2,685,557, Cl. 196—18.
- Van Dolah, Delos B.: *See*—
Lentz, Irvin R., and Van Dolah.
- Van Doorn, Donald W., to Lummus Cotton Gin Co. 2,681,476, Cl. 19—76.
- Van Doorn, Donald W., to Lummus Cotton Gin Co. 2,681,477, Cl. 19—76.
- Van Doorne, Hubertus J. 2,688,495, Cl. 280—104.
- Van Doornik, Johanna M. M.: *See*—
Van Doornik, Johannes H. M. 2,695,735.
- Van Doornik, Johannes H. M., to J. M. M. van Doornik. 2,695,735, Cl. 222—386.
- Van Dormael, André E.: *See*—
De Cat, Arthur H., Stevens, and Van Dormael.
Jaeken, Jan, and Van Dormael. 2,695,234.
- Van Dormael, André E., J. M. Nys, and A. H. De Cat, assignors to Gevaert Photo-Producten, N. V. 2,680,686, Cl. 95—7.
- Van Dorn, Horace B., assignor to The Fafnir Bearing Company. 2,679,399, Cl. 279—2.
- Van Drumen, Willard P. 2,696,336, Cl. 226—31.
- Van Dusen, Charles H., Jr.: *See*—
Worthen, Stephen V., and Van Dusen. 2,681,617.
- Van Dusen Engineering Company, assignee: *See*—
Van Dusen, Laurence W.
- Van Dusen, Harold A., Jr., to McGraw Electric Co. 2,692,376, Cl. 339—249.
- Van Dusen, Laurence W., assignor to Van Dusen Engineering Company, San Diego, Calif. Attaching members by vacuum pressure. 2,666,979, Jan. 26.
- Van Duyn, Adrianus, assignor to U. S. Slicing Machine Company, Inc. 2,679,190, Cl. 88—24.
- Van Duyn, Adrianus, to U. S. Slicing Machine Co., Inc. 2,688,353, Cl. 146—217.
- Van Duzer, Tusten, Warwick, N. Y. Gutter strainer. 2,669,197, Feb. 16.
- Vanet, Paul: *See*—
Geffroy, Georges, and Vanet. 2,688,829.
- Van Eyk, Christian J.: *See*—
- Van Gorder, Norman, and W. D. Paist, assignors to Celanese Corporation of America. 2,678,309, Cl. 260—219.
- Van Gorder, Norman, and W. D. Paist, assignors to Celanese Corporation of America. 2,678,330, Cl. 260—461.
- Van Guilder, Walter, assignor to General Mills, Inc. 2,677,405, Cl. 146—192.
- Van Guilder, Walter, assignor to General Mills, Inc. 2,677,947, Cl. 65—15.
- Van Guilder, Walter, to General Mills, Inc. 2,686,072, Cl. 294—31.2.
- Buchtenkirch, Arthur J. 2,690,484.
- Van Guilder, Walter, to General Mills, Inc. 2,691,181, Cl. 15—22.
- Van Haften, Egbert, Lancaster Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Balance bar for watches. 2,665,546, Jan. 12.
- Van Haften, Egbert, to Hamilton Watch Co. 2,685,924, Cl. 161—1.
- Van Haften, Egbert, and J. Reber, Jr., to Hamilton Watch Co. 2,690,688, Cl. 81—6.
- Van Haltern, Cornelius J.: *See*—
Smith, Robert H., and Van Haltern.
Smith, Robert H., and Van Haltern. 2,687,278.
- Van Hare, George F.: *See*—
Schaufelberger, Felix A., Van Hare, and McGauley. 2,695,843.
- Van Hartesveldt, Carroll H.: *See*—
De Olloqui, Valentine V., Strand, and Van Hartesveldt. 2,695,256.
- Van Helden, Gerrit. 2,675,796, Cl. 126—37.
- Van Heuven, Engelbert W., to Hartford National Bank and Trust Co. 2,695,989, Cl. 336—67.
- Van Hoek, Cornelis: *See*—
Wiechers, Sybrandus G., and Van Hoek. 2,676,144.
- Van Hoesen, Harold E., Somerville, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitation. 2,672,208, Mar. 16.
- Van Hook, Charles F. 2,690,642, Cl. 57—58.34.
- Van Hook, John O.: *See*—
Craig, W. E. and Van Hook. 2,675,381.
- Van Hook, John O., and W. E. Craig, assignors to Rohm & Haas Company. 2,675,387, Cl. 260—256.4.
- Van Hook, William R. 2,678,369, Cl. 219—8.
- Van Hook, William R. 2,696,033, Cl. 25—121.
- Van Horn, Perry E. 2,689,750, Cl. 280—457.
- Van Horne, William L., H. T. Neher, and L. N. Bauer, to Rohm & Haas Co. 2,684,355, Cl. 260—78.5.
- Van Houtem, Hermanus T., L. J. P. Smulders, and J. H. van Zeeland, The Hague, Netherlands, assignors to Shell Development Company, Emeryville, Calif. Floating self-adjusting liquid skimmer. 2,670,848, Mar. 2.
- Van, James, and A. J. Malpede, assignors to Service Metal Fabricators, Inc. 2,676,600, Cl. 134—123.
- Vaniman, Robert S., to Automatic Electric Laboratories, Inc. 2,692,308, Cl. 179—175.25.
- Van Iperen, Dirk C., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for treating workpieces of a curved or angular shape by inductive heating in a magnetic high-frequency field. 2,668,227, Feb. 2.
- Van Jepmond, Howard K., to Zenith Radio Corp. 2,692,908, Cl. 178—5.4.
- Van Kirk, William: *See*—
Rolle, Clifford J., and Van Kirk.
- Van Koughnet, Edward, Beurepaire, Quebec, Canada. Safety razor. 2,664,625, Jan. 5.
- Van Krevelen, Dirk W., to De Directie van de Staatsmijnen in Limburg, Handelend voor en namens de Staat der Nederlanden. 2,693,446, Cl. 204—91.
- Van Lanen, James M., K. L. Smiley, and L. Stone, assignors to Hiram Walker & Sons, Inc., Peoria, Ill. Producing riboflavin. 2,666,014, Jan. 12.
- Van Lanigan, Louis R. 2,696,047, Cl. 32—33.
- Van Lare, Earl, and L. G. S. Brooker, to Eastman Kodak Co. 2,691,652, Cl. 260—240.65.
- Van Leer's (Curacao) N. V., assignee: *See*—
Meyer, Cornelis A. 2,674,390.
Meyer, Cornelis A. 2,674,472.
- Van Leeuwen, Ernest G., assignee: *See*—
Roberts, Bruce. 2,676,022.
- Van Loghem, Johannes J., to "Stichting tot Instandhouding van het Centraal Laboratorium van de Bloedtransfusiedienst van het Nederlandse Rode Kruis." 2,696,818, Cl. 128—214.
- Van Lommel, Henri L., assignor to Staatsbedrijf der Posterijen, Telegrafie en Telefonie. 2,676,205, Cl. 178—70.
- Van Loon, Herbert A. 2,679,840, Cl. 125—23.
- Van Loon, Willem, assignor to De Directie van de Staatsmijnen in Limburg. 2,677,603, Cl. 48—76.
- Van Meter, Theodore, assignor to Vickers Incorporated. 2,679,235, Cl. 121—46.5.
- Van Mierlo, Stanislas, to International Standard Electric Corp. 2,688,661, Cl. 179—18.
- Van Mierlo, Stanislas, and P. R. R. Aigrain, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Pulse electrical telecommunication system. 2,672,526, Mar. 16.
- Van Milligen, Reuel D., Ravensthorpe, assignor to The English Electric Company Limited, London, England. Gas turbine plant with multiple fluid operated motors. 2,670,598, Mar. 2.
- Vann, James O. 2,683,867, Cl. 340—17.
- Van Nest, Robert A.: *See*—
Long Robert J., and Van Nest. 2,677,474.
- Van Nordstrand, Robert A., to Sinclair Research Laboratories Inc. 2,692,497, Cl. 73—19.
- Van Orden, Howard J., Paterson, N. J. Nail driver. 2,666,201, Jan. 19.
- Van Orden, Millard E., Ithaca, N. Y. Television receiver. 2,665,419, Jan. 5.
- Van Orman, Howard A.: *See*—
Hendon, Harry H., and Van Orman.
- Van Ornum, David M., and J. S. 2,697,263, Cl. 25—41.
- Van Ornum, James S.: *See*—
Van Ornum, David M., and J. S. 2,697,263.
- Van Ornum, Vern W., to Boeing Airplane Co. 2,689,476, Cl. 73—134.
- Van Os, Willem E., to Stamicarbon N. V. 2,696,299, Cl. 209—172.5.
- Van Oudenaren, Peter, to Lont and Overkamp Publishing Co., Inc. 2,697,602, Cl. 271—89.
- Vanous, Joseph A., assignor to Collins Radio Company, Cedar Rapids, Iowa. Phasemeter. 2,672,588, Mar. 16.
- Vanous, Joseph A. 2,689,760, Cl. 294—29.
- Van Peet, Nixon, to N. E. Nelson. 2,688,173, Cl. 24—211.
- Van Pelt, Clarence E. 2,675,896, Cl. 189—34.
- Van Perry, Maynard: *See*—
Mathis, Clyde H., Van Perry, and McCombs. 2,696,464.
- Van Poolen, Edward, assignor to The W. E. Long Company. 2,675,953, Cl. 226—129.
- Van Poolen, Edward, Cicero, and L. G. Vogel, Evanston, Ill., assignors to The W. E. Long Company. Machine for putting lids on pullman bread pans. 2,669,377, Feb. 16.
- Van Riel, Pieter, assignor to Machinefabriek Reineveld N. V. 2,676,707, Cl. 210—69.
- Van Rietschoten, Barend A.: *See*—
Mijnlieff, Ary J., Van Rietschoten, and Loos.
- Van Rosen, Robert E., and W. A. Ringler, to The Gardner Board and Carton Co. 2,682,988, Cl. 229—14.
- Van Ry, William H., assignor to Boeing Airplane Company, Seattle, Wash. Spark plug. 2,672,729, Mar. 23.

- Van Ryan, Anthony, South Milwaukee, assignor to McGraw Electric Company, Milwaukee, Wis. Circuit interrupter. 2,666,827, Jan. 19.
- Van Ryan, Anthony, assignor to McGraw Electric Company. 2,675,442, Cl. 200—92.
- Van Ryan, Anthony, to McGraw Electric Co. 2,686,238, Cl. 200—94.
- Van Santen, Jan H.: *See*—
Jonker, Gerard H., and van Santen. 2,677,663.
- Van Schaack, Charles H. 2,683,498, Cl. 180—69.
- Van Schie, Robert J., Grand Rapids, Mich. Sheet separating and feeding device. 2,672,244, Mar. 16.
- Van Sciver, Herbert D., II, to The Budd Co. 2,691,330, Cl. 94—5.
- Van Scoy, Frank J. and T. A., Wilkes-Barre, Pa. Combined engine oil level and flow responsive indicator. 2,671,893, Mar. 9.
- Van Scoy, Thomas A.: *See*—
Van Scoy, Frank J. and T. A.
- Van Sickle, Roswell C., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Liquid break circuit interrupter. 2,669,628, Feb. 16.
- Van Sickle, Roswell C., Wilkinsburg, Pa., and J. M. Cumming, deceased, late of Monroeville, Pa., by H. J. Cumming, executrix, Monroeville, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,667,556, Jan. 26.
- Van Sickle, Roswell C., and C. G. Lentjes, assignors to Westinghouse Electric Corporation. 2,678,659, Cl. 137—493.6.
- Van Sieten, William C.: *See*—
Ryan, Edward J., and Van Sieten.
- Van Slooten, Louis J., to General Motors Corp. 2,689,555, Cl. 123—90.
- Van Steenis, Otto L., to Hartford National Bank and Trust Co. 2,695,477, Cl. 49—82.
- Vansteenkiste, Mary L. M. 2,676,921, Cl. 210—16.
- Van Steyn, Gerard K., to Owens-Illinois Glass Co. 2,698,121, Cl. 226—72.
- Vanstrom, Harold J. 2,695,481, Cl. 51—217.
- Van Tassel, Earl K.: *See*—
Caruthers, Robert S., and Van Tassel. 2,695,927.
- Van Tassel, Harry C., to Westinghouse Air Brake Co. 2,681,984, Cl. 246—23.
- Van Tassel, James, to Alert Development Corp. 2,692,161, Cl. 296—23.
- Van Tubergen, Richard F. 2,688,999, Cl. 158—28.
- Van Vactor, Benjamin H., to National Mine Service Co. 2,687,008, Cl. 60—30.
- Van Valaanderen Machine Co.: *See*—
Negro, Michael J. 2,684,887.
- Van Valkenburg, Howard E., assignor to Sperry Products, Inc., Danbury, Conn. Ultrasonic inspection device. 2,667,780, Feb. 2.
- Van Valkenburg, Howard E., to Sperry Products, Inc. 2,682,766, Cl. 73—67.
- Van Valkenburgh, Merritt, assignor to M. H. Rhodes Incorporated. 2,677,029, Cl. 200—97.
- Vanvick, Isak, Minneapolis, Minn., assignor, by mesne assignments, to Merry Manufacturing Company, Inc. Snowplow. Re. 23,771, Jan. 12.
- Van Vliet, Paul D., to The Liquid Carbonic Corp. 2,681,797, Cl. 257—242.
- Van Vooren, August: *See*—
Boyd, Roy W., Van Vooren, and Ruehl. 2,688,178.
- Van Vulpen, John: *See*—
Russell, Edward A., Rutherford, and Van Vulpen. 2,694,529.
- Van Wagner, Rollo E., to The Fate-Root-Health Co. Re. 23,900, Cl. 30—196.
- Van Weel, Adelbert, assignor to Hartford National Bank and Trust Company as trustee. 2,676,214, Cl. 179—171.
- Van Weenen, Franciscus L.: *See*—
De Brey, Heinrich, and Van Weenen. 2,688,228.
- Van Werd, Johannes H. F.: *See*—
Anderson, Charles H. J., and van Werd.
- Anderson, Charles H. J., and van Werd. 2,692,310.
- Van Wicklin, Warren A., Jr.: *See*—
Haynes, Alex L., and Van Wicklin. 2,685,211.
- Haynes, Alex L., and Van Wicklin. 2,688,258.
- Van Winkle, John L., and R. C. Morris, to Shell Development Co. 2,681,920, Cl. 260—403.
- Van Wyk, Frank J. 2,695,646, Cl. 150—28.
- Van Zale, George, Bay City, Mich. Voltage regulator for generator charging batteries. 2,672,583, Mar. 16.
- Van Zandt, George W. 2,696,062, Cl. 43—85.
- Van Zandt, Harvey, Whippany, and A. A. Sennie, Hoboken, assignors to C-O-Two Fire Equipment Company, Newark, N. J. System and method for charging carbon dioxide containers. 2,670,605, Mar. 2.
- Van Zee, Silas B. 2,685,457, Cl. 280—491.
- Van Zeeland, Johannes H.: *See*—
Van Houten, Hermanus T., Smulders and van Zeeland.
- Van Zelst, Johannes J. Z.: *See*—
Boelens, Willem W., and van Zelst. 2,698,379.
- Schmidt, Johan M., and Van Zelst. 2,676,248.
- Van Zelst, Johannes J. Z., to Hartford National Bank and Trust Co. 2,691,103, Cl. 250—36.
- Vanzo, Marcello, to Pirelli Società per Azioni. 2,696,866, Cl. 154—9.
- Van Zoest, Willem H., to Staatsbedrijf der Posterijen, Telegrafie en Telefonie. 2,681,949, Cl. 178—66.
- Van Zuijen, Herman: *See*—
Lipps, Eduard M. H., and van Zuijen. 2,689,641.
- Vapo Systems Company, assignee: *See*—
Flint, Eugene M.
- Vapor Heating Corp.: *See*—
Burgess, Everett H., and Impey. 2,697,177.
- Clarkson, Alick. 2,674,981.
- Gillick, Laurence H., and Lehane. 2,686,661.
- Johnson, Edward W., and Freeberg. 2,696,937.
- Lehane, Timothy J., and Hall. 2,696,715.
- Lehane, Timothy J., and Smith.
- Lehane, Timothy J., Smith, and Ernst. 2,694,526.
- Peterson, William R., and Krupp. 2,695,135.
- Russell, Edward A., and Kirkby. 2,694,527.
- Russell, Edward A., Rutherford, and Van Vulpen. 2,694,529.
- Smith, William M., Freeberg, and Brosseau. 2,679,343.
- Smith, William M., and Krupp. 2,689,089.
- Smith, William M., and Sarnecki. 2,686,043.
- Vapor Recovery Systems Co., The: *See*—
Erwood, John. 2,692,501.
- Varaney, John A. 2,696,209, Cl. 128—132.
- Varble, Harold E., Avenal, Calif. Shiftless transmission. 2,665,596, Jan. 12.
- Varela, Arthur A. 2,680,828, Cl. 318—30.
- Varela, Arthur A., and R. A. Herring, Jr., Washington, D. C. Power supply voltage regulator. 2,668,942, Feb. 9.
- Varga, Otto H., A. E. Moulton, and L. Taylor, assignors to Seetru Products Limited. 2,674,477, Cl. 287—85.
- Vargo, Paul, and T. A. Foster, Jr., assignors to General Electric Company. 2,676,622, Cl. 140—71.6.
- Vargo, Paul, and T. A. Foster, Jr., assignors to General Electric Company. 2,679,918, Cl. 198—33.
- Varian Associates, assignee: *See*—
Varian, Russell H.
- Varian, Russell H.: *See*—
Hansen, William W., and Varian. 2,683,775.
- Varian, Russell H., Cupefino, assignor to Varian Associates, San Carlos, Calif. Method and means for correlating nuclear properties of atoms and magnetic fields. Re. 23,769, Jan. 12.
- Varian, Sigurd F.: *See*—
Woodyard, John R., and Varian. 2,682,623.
- Variflame Corporation, The, assignee: *See*—
Woodruff, Henry S.
- Varona, Eulalio M., Oscar B., and Olivio B. 2,687,715, Cl. 124—13.
- Varona, Olivio B.: *See*—
Varona, Eulalio M., Oscar B., and Olivio B. 2,687,714.
- Varona, Oscar B.: *See*—
Varona, Eulalio M., Oscar B., and Olivio B. 2,687,715.
- Vascoloy-Ramet Corp.: *See*—
Clark, Herbert B. 2,697,272.
- Vasek, Anton, assignee: *See*—
Vasek, Otto A. 2,679,036.
- Vasek, Otto A., deceased; G. Ferguson, executor, assignor to A. Vasek. 2,679,036, Cl. 340—213.
- Vasey, Charles H.: *See*—
Boon, William R., and Vasey.
- Vasey, Charles H., assignor to Imperial Chemical Industries Limited. 2,676,176, Cl. 260—260.
- Vasold, Leo L., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Distributor breaker arm. 2,673,273, Mar. 23.
- Vastola, Anthony, assignor to John E. Smith's Sons Company, Buffalo, N. Y. Smoke generator. 2,667,157, Jan. 26.
- Vaucher, Eric. 2,680,297, Cl. 33—72.
- Vaughan, Arthur H., to The Electric Furnace Co. 2,693,353, Cl. 266—3.
- Vaughan, Charles S., Jr. 2,691,822, Cl. 30—91.
- Vaughan, G. E., & Company Pty. Limited, assignee: *See*—
Vaughan, George E.
- Vaughan, George E., assignor to G. E. Vaughan & Company Pty. Limited, Granville, New South Wales, Australia. Electrical switchgear. 2,668,893, Feb. 9.
- Vaughan, Henry E.: *See*—
Holbrook, Bernard D., Malthaner, and Vaughan. 2,696,599.
- Vaughan, Henry E., assignor to Bell Telephone Laboratories, Incorporated. 2,678,435, Cl. 340—354.
- Vaughan, John T., Hudson, assignor to The Ohio Crankshaft Company, Cleveland, Ohio. Movable induction heat head. 2,672,550, Mar. 16.
- Vaughan, John T., Hudson, and J. W. Williamson, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Strip heating. 2,673,274, Mar. 23.
- Vaughan, Joseph B.: *See*—
Klotz, Lyell J., and Vaughan. 2,686,145.
- Vaughan, Richard M., and L. F. Leavitt. 2,693,826, Cl. 137—637.2.
- Vaughan, Thomas H., Hampton, S. C., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Urea-formaldehyde resin and making same. 2,669,551, Feb. 16.
- Vaughan, Victor G., assignor to Metals & Controls Corporation. 2,675,267, Cl. 297—15.
- Vaughan, William N. 2,676,024, Cl. 275—14.
- Vaughn, Charles M.: *See*—
Caparone, Michael J., and Vaughn.

- Vaughn, Charles M., to Robertshaw-Fulton Controls Co. 2,690,873, Cl. 236—21.
- Vaughn, Everett W., to Westinghouse Electric Corp. 2,693,399, Cl. 311—6.
- Vaughn, George A., to The Parsons Co. 2,686,981, Cl. 37—90.
- Vaughn Machinery Co., The: *See*—
McIlvried, Edwin J., and Gardner.
McIlvried, Edwin J., and Nye. 2,679,925.
McIlvried, Edwin J., and Nye. 2,692,042.
- Vaughn, Rudolph M., assignor to Hi-Shear Rivet Tool Co. 2,677,985, Cl. 85—45.
- Veach, James O.: *See*—
Nelson, Frederick G., and Veach. 2,680,602.
- Veale, John H.: *See*—
West, Howard F., and Veale. 2,688,562.
- Veatch, Franklin, Cleveland, and E. C. Persing, Jr., Shaker Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Thixotropic compositions. 2,673,838, Mar. 30.
- Veatch, Joseph G., Jr.: *See*—
Daly, Arthur M., Veatch, and Hileman. 2,698,369.
- Vecchiola, Davide D.: *See*—
Leone, Joseph P., and Vecchiola. 2,676,341.
- Vedder, Walter O., Hagerstown, Md. Shaker mechanism for dust collector filter bags. 2,667,233, Jan. 26.
- Vedder, Walter O., assignor to Pangborn Corporation. 2,678,109, Cl. 183—61.
- Veeder-Root Inc.: *See*—
Bliss, Harvey N. 2,686,468.
Bliss, Harvey N. 2,691,938.
Russell, Francis W. 2,696,166.
Vroom, Harold B.
- Veer, Willem L. C.: *See*—
Beyerman, Hugo C., and Veer. 2,692,898.
- Vegell, Allan, assignor to Standard Process Corporation. 2,675,756, Cl. 101—247.
- Vegren, Conrad R., Washington, D. C. Quick acting connector. 2,665,931, Jan. 12.
- Vegter, Herman J., to Stamicarbon N. V. 2,689,810, Cl. 127—69.
- Vehige, Joseph G., Woodland Hills, Calif., assignor to North American Aviation, Inc. Regulator valve. 2,672,806, Mar. 23.
- Veinott, Cyril G., to Westinghouse Electric Corp. 2,689,933, Cl. 318—221.
- Veitch, Isaac E. 2,673,989, Cl. 5—97.
- Veldgen, Willy: *See*—
Brüning, Fritz, Veldgen, Becker, and Billig. 2,690,907.
- Veldhuis, Albert C.: *See*—
Weeks, Robert W., and Veldhuis. 2,690,890.
- Veldhuis, Benjamin: *See*—
Gilbert, Everett E., Otto, and Veldhuis. 2,697,119.
- Veldstra, Haaye, and A. M. Akkerman, assignors to N. V. Amsterdamsche Chininefabriek, Amsterdam, Netherlands. Preparation of β -dimethylaminoethyl-benzhydryl ether. 2,668,857, Feb. 9.
- Veley, Carl J. 2,675,003, Cl. 128—310.
- Vella, Luigi. 2,690,643, Cl. 57—108.
- Velluz, Leon, and G. Amiard, to Usines Chimiques Des Laboratoires Francais. 2,693,475, Cl. 260—397.2.
- Velten, Hubert J., and H. Ziebolz, to Askania Regulator Co. 2,687,645, Cl. 73—211.
- Veltman, Henry: *See*—
Timmons, James R., Veltman, Weiland, and Zambroski. 2,693,151.
- Veltman, Preston L.: *See*—
Bennett, George A., and Veltman. 2,697,518.
- Veltman, Preston L., and S. S. Hubbard, to W. R. Grace & Co. 2,698,062, Cl. 183—114.2.
- Velveray Corp.: *See*—
Schwartz, Samuel M., and Gross.
Schwartz, Samuel M., and Gross. 2,675,330.
Schwartz, Samuel M., and Gross. 2,696,445.
- Venable, William M., assignor, by mesne assignments, to Blaw-Knox Company, Pittsburgh, Pa. Fluid impact pulverizer. 2,672,296, Mar. 16.
- Vender Heyden, Bernard A., to The Whitacre-Greer Fireproofing Co. 2,696,729, Cl. 72—61.
- Ven de Wiel, Alfred, to Hartford National Bank and Trust Co. 2,691,125, Cl. 318—356.
- Vendo Co., The: *See*—
Andrews, Boley A., and Pro. 2,695,001.
Hedges, Charles S. 2,694,505.
Menning, Ralph H., Manley, and Pratt.
Pratt, James R. 2,697,955.
- Vendorlator Mfg. Co.: *See*—
Childers, Harry S., and Tober. 2,680,049.
Childers, Spencer L. 2,675,901.
Childers, Spencer L., and Warren.
Childers, Spencer L., and Warren. 2,693,300.
- Venezky, David L.: *See*—
Kohn, Earl J., and Venezky. 2,686,858.
- Vennari, Joseph P.: *See*—
Clubb, Roy E., and Vennari. 2,674,664.
- Venner, William M., and P. L. Bowser, Jr. 2,676,371, Cl. 22—170.
- Venner, William M., and P. L. Bowser, Jr. 2,676,372, Cl. 22—170.
- Vennootschap onder firma Oscar Keip, assignee: *See*—
Sonius, Cornelis P.
- Ventrice, Genevieve F. 2,686,702, Cl. 311—17.
- Ventura Farms Frozen Foods, Inc.: *See*—
Salter, Wilfred J. 2,690,832.
- Venus, Wilibald, Munich, assignor to Hahn & Kolb, Stuttgart-N., Germany. Die or press casting machine. 2,669,760, Feb. 23.
- Verbanc, John J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Vulcanizing polychloroprene. 2,670,342, Feb. 23.
- Verbeek, Clarence: *See*—
Meyer, Amel R., and Verbeek. 2,677,036.
- Verbeke, Lucien A., Maywood, Calif. Level wind bait casting reel. 2,673,043, Mar. 23.
- Verber, Ludwig. 2,689,467, Cl. 62—140.
- Verbrugge, Joseph J.: *See*—
Zeigler, Philip B., and Verbrugge. 2,693,612.
- Vercammen, Gustave. 2,689,420, Cl. 38—9.
- Verdan, Charles. 2,692,495, Cl. 70—351.
- Verderber, Joseph. 2,678,072, Cl. 144—290.
- Verdiers, Edward E. 2,685,570, Cl. 260—6.
- Verdon, Richard W., Hinsdale, Ill. Convenience outlet. 2,673,335, Mar. 23.
- Verduin, Fredric C.: *See*—
Saunders, Harold F., and Verduin. 2,683,658.
- Verdurin Co.: *See*—
Hale, William J. 2,690,388.
- Vereinigte Aluminiumwerke A.-G.: *See*—
Weiss, Paul. 2,697,597.
- Vereinigte Glanzstoff-Fabriken A. G.: *See*—
Ensslin, Kurt, and Rathert.
Friedrich, Kurt. 2,680,857.
- Vereinigte Kugellagerfabriken Aktiengesellschaft: *See*—
Dausch, Erwin F. 2,694,230.
Hohloch, Kurt S. 2,675,586.
Raible, Julius, and Dausch. 2,675,587.
Stahlecker, Wilhelm.
- Vergès, Paul F.: *See*—
Parcé, Léon J., and Vergès. 2,695,038.
- Vergobbi, John G., to Pneumatic Scale Corp., Ltd. 2,694,965, Cl. 93—36.01.
- Vergobbi, John G., to Pneumatic Scale Corp., Ltd. 2,694,966, Cl. 93—44.1.
- Vergobbi, Robert W., assignor to Pneumatic Scale Corporation, Limited. 2,678,768, Cl. 229—55.
- Vergobbi, Robert W., to Pneumatic Scale Corp., Ltd. 2,690,857, Cl. 222—56.
- Vergobbi, Robert W., to Pneumatic Scale Corp., Ltd. 2,697,507, Cl. 198—35.
- Verhagen, Edward L., assignor to The Regina Corporation. 2,676,067, Cl. 306—11.
- Verkuil, Leo L., assignor to Edwards Company, Inc., Norwalk, Conn. Transformer construction. 2,672,578, Mar. 16.
- Verkuil, Leo L., to Edwards Co., Inc. 2,684,411, Cl. 200—5.
- Verkuil, Leo L., and J. E. Russo, to Edwards Co., Inc. 2,698,354, Cl. 174—59.
- Vermette, Howard, Hammond, Ind. Collapsible pipe stand. 2,673,636, Mar. 30.
- Vermette, Howard, Hammond, Ind. Chuck for pipe working machines. 2,673,742, Mar. 30.
- Vermeulen, Roelof, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for driving tapes. 2,665,130, Jan. 5.
- Vermeulen, Roelof, R. J. H. Alink, and J. G. Bos, to Hartford National Bank and Trust Co., as trustee. 2,681,802, Cl. 271—2.3.
- Vermillion, Lewis S. 2,696,585, Cl. 322—47.
- Vermot, Henri E., to Hamilton Watch Co. 2,690,644, Cl. 58—63.
- Vernay Laboratories, Inc., assignee: *See*—
Tregillus, Kenneth C. 2,674,254.
Vernet, Sergius, and Hoffman.
- Vernet, Sergius, and A. C. Hoffman, assignors to Vernay Laboratories Inc., Yellow Springs, Ohio. Thermostatic hot-water heating system for automobiles. 2,673,038, Mar. 23.
- Vernier, Racine, Cedar Rapids, Iowa. Collapsible frame structure for trampoline beds or the like. 2,671,229, Mar. 9.
- Vernon, John A., Philadelphia, Pa. Instrument for laying out workpieces three-dimensionally. 2,670,544, Mar. 2.
- Véron, Marcel, Neuilly-sur-Seine, France, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Combustion chamber for air-borne solid fuel. 2,672,012, Mar. 16.
- Veronda, Carol M., assignor to The Sperry Corporation. 2,680,209, Cl. 315—6.
- Verrier, Arthur N.: *See*—
Goodhue, William V., and Verrier.
- Verrinder, Ernest A., and E. J. McGrath, to Food Machinery and Chemical Corp. 2,687,813, Cl. 214—6.
- Versal Inc., assignee: *See*—
Casper, Dale L.
- Verse, Hansheinrich: *See*—
Kuhn, Werner, and Verse. 2,685,037.
- Versen, Kurt, Tenafly, N. J. Plug-in lighting unit for dual power supply systems. 2,667,571, Jan. 26.
- Vertin, Donald D. 2,685,731, Cl. 29—227.
- Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon, assignee: *See*—
Aschwanden, Paul, and Burri.
- Ver Wiebe, Gerhardt C.: *See*—
Gafford, William T. 2,696,370.

- Verwohlt, Clarence H.: *See*—
Felton, John M., and Verwohlt. 2,691,819.
Felton, John M., and Verwohlt. 2,696,547.
- Veschio, Anthony P., 5% to A. Hrebendor, and 5% to F. Tomaskovic. 2,681,779, Cl. 248—42.
- Vesper, George A. 2,688,245, Cl. 72—41.
- Vessels, Theodore R., to Steam-Cote Corp. 2,696,353, Cl. 242—7.
- Vessot, S. Co. Ltd.: *See*—
Boucher, Charles E. 2,681,768.
- Vesta Sa: *See*—
Accola, André. 2,685,165.
- Vesta Underwear Company, assignee: *See*—
O'Hayer, Robert E. 2,677,130.
- Vesterdal, Hans G.: *See*—
Kolfenbach, John J., and Vesterdal. 2,696,470.
- Vetzeria Italiana Balzaretto Modigliani S. p. A.: *See*—
Meauze, François, and Wiquel. 2,698,260.
- Vettel, Arthur W., and R. D. Israel, to Kaiser Aluminum & Chemical Corp. 2,692,816, Cl. 23—201.
- Vetterli, Oran F., and R. C. Paterson. 2,675,979, Cl. 248—113.
- Vezina, Joseph A.: *See*—
Foisy, Richard, and Vezina.
- Viall, Wilton S., Jr.: *See*—
Anderson, James N., and Viall.
- Viard, Marcel J., assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. 2,676,872, Cl. 23—178.
- Viard, Marcel J., to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. 2,684,977, Cl. 260—456.
- Viaud, Louis, and L. Reingold, to Office National d'Etudes et de Recherches Aeronautiques (O. N. E. R. A.). 2,692,480, Cl. 60—39,72.
- Vibbard, Edward L.: *See*—
Holden, William H. T., and Vibbard.
- Vibbard, Edward L., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuit for calculating machines. 2,671,611, Mar. 9.
- Viboud, Albert: *See*—
Latour, André, and Viboud. 2,689,888.
- Vibradamp Corp.: *See*—
Musikant, Solomon. 2,689,122.
Schwartz, Ralph E. 2,694,660.
Schwartz, Ralph E. 2,697,056.
- Vibro Dynamic Engineering, Inc.: *See*—
Smith, Edward W. 2,691,518.
Smith, Edward W. 2,693,320.
- Vibrottron Co., Ltd., The: *See*—
Rieber, Frank. 2,689,943.
- Vicario, Carlo: *See*—
Clark, Carleton L., and Vicario. 2,685,937.
Naylor, Joseph F. 2,677,748.
- Vicars, Robert J.: *See*—
Porter, Henry H., and Vicars. 2,690,314.
- Vicars, T. & T., Ltd.: *See*—
Appleton, Albert. 2,693,154.
Naylor, Joseph F.
- Vickers-Armstrongs Ltd.: *See*—
Jones, James T. E. 2,674,874.
McKissack, John, and Pownall. 2,693,921.
Midgette, Ernst L., and Daniel. 2,687,852.
Talbot, Henry A.
- Vickers, C. V., assignee: *See*—
Vickers, James S.
- Vickers, Herbert H.: *See*—
Lane, Stanley C., and Vickers.
- Vickers Inc.: *See*—
Buckman, John B. 2,684,138.
Conrath, Jules R. 2,683,854.
Gardiner, Duncan B. 2,674,092.
Gardiner, Duncan B. 2,689,583.
Harrington, Ferris T., Martin, Elliott, and Haisen. 2,693,824.
Klessig, Ernst F. 2,676,463.
Klessig, Ernst F., and Jones. 2,676,466.
Klessig, Ernst F., and Jones. 2,681,045.
Logan, Frank G. 2,683,853.
Logan, Frank G. 2,689,328.
Logan, Frank G., and Trickey. 2,688,879.
Robinson, James. 2,679,234.
Van Meter, Theodore. 2,679,235.
Votrian, Elmer R. 2,685,947.
- Vickers, James S., assignor of fifty percent to C. V. Vickers, Alexander City, Ala. Animal trap. 2,667,714, Feb. 2.
- Vickers, John: *See*—
O'Brien, William J., Bridges, Hendley, Easy, and Vickers. 2,690,559.
- Vickers, Richard N., Smackover, Ark. Deep well pump. 2,669,939, Feb. 23.
- Vickery, John R., York, assignor to Aircraft-Marine Products Inc., Harrisburg, Pa. Electrical connector. 2,671,889, Mar. 9.
- Vickery, John R., to Aircraft-Marine Products Inc. 2,685,897, Cl. 140—113.
- Vickland, John C., to The Air Preheater Corp. 2,684,425, Cl. 219—4.
- Victor Adding Machine Co., assignee: *See*—
Heidenreich, Albert E., and Hoffman.
Lippert, Erhard M.
- Victor Chemical Works: *See*—
Jackson, Leyman E. 2,689,794.
Toy, Arthur D. F. 2,683,733.
Walsh, Edward N. 2,685,603.
Woodstock, Willard H., and Walsh. 2,685,602.
- Victor, Henry: *See*—
Victor, Maurice. 2,683,943.
- Victor Industries Corporation, assignee: *See*—
Drew, Harry A.
- Victor Mfg. & Gasket Co.: *See*—
Aukers, Albert J. 2,681,241.
Kosatka, Thomas O. 2,695,801.
- Victor, Maurice. 2,680,313, Cl. 38—79.
- Victor, Maurice, 1/2 to H. Victor. 2,683,943, Cl. 38—79.
- Victor Products (Wallsend) Limited, assignee: *See*—
Cameron, Alexander.
- Victoreen, John A., Cleveland, Ohio. Electric battery and making same. 2,666,801, Jan. 19.
- Victoria Vogue, Inc.: *See*—
Bihler, Roger. 2,692,221.
Bihler, Roger. 2,697,471.
- Victory Container Corp.: *See*—
Radin, Edwin F. 2,697,545.
- Vietrylite Candle Co.: *See*—
Turner, Frank D. 2,689,470.
- Victualic Company of America, assignee: *See*—
Hutchinson, Morton C.
- Video Television, Inc.: *See*—
Kaplan, Marvin. 2,691,131.
- Viebrock, Carl H., and E. A. Cook. 2,679,436, Cl. 304—15.
- Viehe, Frederick W., Los Angeles, and C. B. Harris, Glendale, Calif. System for measuring the prestress of concrete tanks. 2,667,068, Jan. 26.
- Viehweger, August, to Adaptor Machine Co. 2,690,096, Cl. 90—16.
- Vienneau, Jacob J., to General Electric Co. 2,689,396, Cl. 29—155,57.
- Vierling, Oskar, and L. Schindler. 2,683,861, Cl. 332—20.
- Vierling, Walter V.: *See*—
Youkers, Harold A., and Vierling.
- Vierling, Walter V., 1/2 to H. C. Daubenspeck, and 1/2 to S. E. Winder. 2,681,135, Cl. 198—210.
- Viewmaster Corp., assignee: *See*—
Bigler, Max. 2,677,129.
- Viger, Avenon S., near Shelton, assignor to Lamb-Grays Harbor Company, Hoquiam, Wash. Attachment to machines for forming pulp. 2,672,077, Mar. 16.
- Vigilante, Arthur M.: *See*—
Otis, Russell M., and Vigilante. 2,679,028.
- Vigliatura, Louis E., Jr., to Graton & Knight Co. 2,694,417, Cl. 139—161.
- Vigmstad, Trygve: *See*—
Doty, Clifford B., and Vigmstad.
- Vigmstad, Trygve, assignor to Briggs Manufacturing Company. 2,674,480, Cl. 292—7.
- Vigmstad, Trygve, assignor to Briggs Manufacturing Company. 2,677,146, Cl. 16—163.
- Vigmstad, Trygve, assignor to Briggs Manufacturing Company. 2,677,262, Cl. 70—142.
- Vigmstad, Trygve, assignor to Briggs Manufacturing Co. 2,680,639, Cl. 292—99.
- Vigmstad, Trygve, to Briggs Mfg. Co. 2,693,099, Cl. 70—142.
- Vignati, Julius: *See*—
Reich, Otto. 2,697,339.
- Vigneau, Marcel V., Suresnes, France. Rotary pump and motor hydraulic transmission. 2,666,293, Jan. 19.
- Vignere, Leonard, Sr., Salem, Ohio. Oil gas generator-burner. 2,670,032, Feb. 23.
- Vignos, Paul, Canton, assignor to Republic Steel Corporation, Cleveland, Ohio. Drawer suspension. 2,671,699, Mar. 9.
- Vigren, Sten D., W. O. W. Broberg, and R. A. Zander. 2,693,554, Cl. 317—198.
- Vik, Albam M., Karlstad, Minn. Guard finger and ledger plate. 2,669,831, Feb. 23.
- Viking Tool Co., The: *See*—
Severson, Ole C. 2,684,520.
- Viking Valve Co.: *See*—
Carlson, George E., Bader, and Owen. 2,686,652.
- Vikre, Merle A. 2,682,077, Cl. 16—140.
- Vile, Norman J.: *See*—
Kasey, Emma M. 2,689,540.
- Vilella, Mario, to Vitron Research Corp. 2,694,922, Cl. 73—15,6.
- Vilkomerson, Benjamin S., assignor to Radio Corporation of America. 2,675,468, Cl. 250—20.
- Vilkomerson, Benjamin S., assignor to Radio Corporation of America. 2,678,970, Cl. 179—100,2.
- Vilkomerson, Benjamin S., to Radio Corp. of America. 2,686,873, Cl. 250—33.
- Villard, Oswald G., Jr., Palo Alto, assignor to The Board of Trustees of the Leland Stanford Junior University, Stanford University, Calif. Adjustable frequency selective apparatus. 2,672,529, Mar. 16.
- Villarreal, Juan F. 2,678,305, Cl. 252—340.
- Villemejeane, Jacques, Paris, France. Rotating jet motor with regulation of power output. 2,670,597, Mar. 2.
- Vinant, Jean, and C. A. Racine. 2,677,860, Cl. 20—45.
- Vincent, Andrew W., to Stromberg-Carlson Co. 2,683,192, Cl. 200—1.
- Vincent, Bertram J. 2,682,205, Cl. 92—31.
- Vincent, Carl, Chicago, Ill. Journal box lubricator. 2,668,742, Feb. 9.

- Vincent, Daniel B. 2,684,713, Cl. 159—4.
 Vincent, Gregory A., to The M. W. Kellogg Co. 2,683,121, Cl. 252—373.
 Vincent, Lonnie R. 2,681,262, Cl. 312—118.
 Vincent, Renie P.: *See—*
 Elkins, Lloyd E., Vincent, and Schaefer.
 Vincent, Renie P., and B. J. Rhoads, Jr., to Stanolind Oil and Gas Co. 2,688,928, Cl. 103—52.
 Vinco Corp.: *See—*
 Beam, Albert S., and Stapleton. 2,689,410.
 Osplack, Joseph J. 2,680,993.
 Osplack, Joseph J. 2,685,234.
 Vineland Chemical Company, assignee: *See—*
 Schwerdle, Arthur. 2,678,265.
 Vines, Alan, G. L. F. Welham, and G. T. Maughan, assignors to The Fairey Aviation Company Limited. 2,675,608, Cl. 29—148.2.
 Vines, Oscar L. 2,695,116, Cl. 220—113.
 Vines, Oscar L. 2,695,127, Cl. 229—52.
 Vines, Raymond F., Queens Village, assignor to C. S. Brainin Company, New York, N. Y. Electric contact. 2,673,167, Mar. 23.
 Vingee, Raymond A.: *See—*
 Lento, Louis L., Jr., and Vingee. 2,694,728.
 Vingron, Iona. 2,689,664, Cl. 215—38.
 Vinyl-Cast, Inc.: *See—*
 Kempel, Dietrich G. 2,681,472.
 Vinograd, Jerome R.: *See—*
 Condo, Fred E., and Vinograd. 2,674,593.
 Vinograd, Jerome R., and F. H. Stross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Colloidal compositions and derivatives thereof. 2,671,758, Mar. 9.
 Vinokor, Isaac. 2,695,411, Cl. 4—292.
 Vintonon, André L., Bois-Colombes, assignor to Electrom, Neuilly-sur-Seine, France. Reversible direct current generator. 2,668,269, Feb. 2.
 Vintonon, André L., assignor to Electrom. 2,680,202, Cl. 290—4.
 Violet, André, and M. Cornilleau, Boulogne-Billancourt, France, assignors to International Standard Electric Corporation, New York, N. Y. Device for automatic frequency control, more particularly for the reception of carrier shift signals. 2,668,871, Feb. 9.
 Violette, Theodore T. 2,684,164, Cl. 214—620.
 Virason Sociedad de Responsabilidad Limitada, assignee: *See—*
 Orzábal, Raúl M.
 Virchaux, Paul. 2,679,738, Cl. 66—178.
 Virden, John C., Company, assignee: *See—*
 MacFadden, Glenn E.
 Virginia Metal Products, Inc., assignee: *See—*
 Kottick, Hyman W. 2,677,443.
 Virginia Smelting Company, assignee: *See—*
 Sklar, Alfred L.
 Virginia-Carolina Chemical Corporation, assignee: *See—*
 Boyer, William P., and Mangham. 2,678,940.
 Virta, Arthur W., Sr.: *See—*
 Hayes, Robert A., and Virta. 2,688,293.
 Vischer, Alfred, Jr., $\frac{3}{30}$ to A. Vischer III, $\frac{3}{30}$ to W. Vischer, $\frac{3}{30}$ to A. Vischer, Jr., as trustee of P. Vischer Trust, $\frac{4}{30}$ to W. W. Zitzewitz, $\frac{4}{30}$ to E. K. Zitzewitz, $\frac{1}{30}$ to G. J. Zitzewitz, $\frac{1}{30}$ to B. O. Zitzewitz, and $\frac{3}{30}$ to G. V. Bouton. 2,691,090, Cl. 219—43.
 Vischer, Alfred, Jr. 2,693,292, Cl. 220—24.
 Vischer, Alfred, III: *See—*
 Vischer, Alfred, Jr. 2,691,090.
 Vischer, Peter, Trust: *See—*
 Vischer, Alfred, Jr. 2,691,090.
 Vischer, William: *See—*
 Vischer, Alfred, Jr. 2,691,090.
 Visconti, Matthew, to Kut-Rite Corp. 2,685,664, Cl. 317—130.
 Viscoseal Corp., The: *See—*
 Lewis, Douglas R. 2,686,068.
 Visilite Corporation, assignee: *See—*
 Holme-Shaw, Norman M.
 Visitation, Aniceto R.: *See—*
 Sable, Irving, and Visitation. 2,678,514.
 Visking Corp., The: *See—*
 Wakefield, Sidney J. 2,685,745.
 Visos, Charles D.: *See—*
 Huck, Alfred J., and Visos.
 Knapp, Andrew S., and Visos. 2,697,164.
 Vi-Spring Products Limited, assignee: *See—*
 Newborn, John T.
 Visser, Gosse. 2,697,232, Cl. 5—9.
 Vistain, James E., Jr., to Admiral Corp. 2,695,786, Cl. 274—10.
 Vistascope, Inc.: *See—*
 Dufour, Achille P. 2,685,223.
 Vita, Lawrence. 2,694,509, Cl. 222—324.
 Vitale, Carmen. 2,682,358, Cl. 222—516.
 Vitale, Peter T., and R. S. Leonard, to Colgate-Palmolive Co. Re. 23,840, Cl. 252—153.
 Vitarama Corp., The: *See—*
 Waller, Fred, and MacLaury. 2,682,722.
 Vitek, Edward F., assignor to General Electric Company. 2,677,328, Cl. 103—103.
 Vitex S. A. Anciens Etablissements J. Canouet: *See—*
 Canouet, Albert. 2,687,409.
 Vitreous Research Corp.: *See—*
 Rogers, Frederick R. 2,693,423.
 Vitreous Steel Products Co.: *See—*
 Combs, Melville. 2,686,131.
 Vitriified China Assn., Inc.: *See—*
 Harman, Cameron G., Koch, and Rice. 2,690,065.
 Vitro Corporation of America, assignee: *See—*
 Ekstein, Charles.
 Vitron Research Corp.: *See—*
 Vilella, Mario. 2,694,922.
 Vittorio Necchi S. p. A.: *See—*
 Pagni, Alessandro. 2,685,266.
 Scarpa, Giuseppe. 2,684,649.
 Vittum, Paul W., A. Weissberger, and J. R. Thirtle, assignors to Eastman Kodak Company. 2,675,314, Cl. 95—6.
 Vivitex Corporation, assignee: *See—*
 Meyer, Mortimer.
 Vix, Henry L. E.: *See—*
 D'Aquin, Esler L., Pominski, Molaison, and Vix. 2,687,155.
 Vizcarrondo, Gilbert, and J. G. Rabby, to National Container Corp. 2,698,125, Cl. 229—27.
 Vock, Vernon L., and C. R. Ebert. 2,686,447, Cl. 81—53.
 Vock, William A., Long Beach, Calif. Kelly bushing. 2,670,929, Mar. 2.
 Vodonik, Joseph L., to E. I. du Pont de Nemours and Co. 2,681,360, Cl. 260—475.
 Voegeli, Henry E., to The American Brass Co. 2,687,316, Cl. 285—126.
 Voelker, George H., to Sun Oil Co. 2,692,951, Cl. 250—83.3.
 Voelkner, Alvin G., and D. J. Cochran, to The Pyle-National Co. 2,697,211, Cl. 339—102.
 Voet, Andries, to J. M. Huber Corp. 2,690,973, Cl. 106—20.
 Vog, Norman E. 2,690,686, Cl. 76—86.
 Voge, Hervey H., and L. T. Atkins, assignors to Shell Development Company. 2,680,752, Cl. 260—348.5.
 Vogel, Edward A., Glen Ellyn, assignor to K. A. Vogel Sons, Chicago, Ill. Shears with replaceable blades. 2,666,258, Jan. 19.
 Vogel, Frank W. 2,675,954, Cl. 229—14.
 Vogel, Harold A.: *See—*
 Handren, Arthur V., Jr., and Vogel. 2,685,330.
 Vogel, Henry A.: *See—*
 Cummings, Lowell O., Vogel, and Bader. 2,693,476.
 Cummings, Lowell O., Vogel, and Bader. 2,693,484.
 Vogel, Hilmond O., Chicago, Ill., assignor to International Harvester Company. Collapsible double-faced pallet. 2,665,096, Jan. 5.
 Vogel, Hilmond O., Chicago, Ill., assignor to International Harvester Company. Cotton picker spindle with barbed inserts. 2,667,726, Feb. 2.
 Vogel, Johann C., and W. A. Hahn. 2,686,593, Cl. 209—172.5.
 Vogel, K. A., Sons, assignee: *See—*
 Vogel, Edward A.
 Vogel, Kurt M., assignor to Neva-Clog Products, Inc. 2,675,989, Cl. 254—28.
 Vogel, Leo G.: *See—*
 Van Poolen, Edward, and Vogel.
 Vogel, Leo G., to The W. E. Long Co. 2,689,321, Cl. 318—474.
 Vogel Luminescence Corp.: *See—*
 Vogel, Marcel J. 2,686,267.
 Vogel, Marcel J., to Vogel Luminescence Corp. 2,686,267, Cl. 250—71.
 Vogel, Walter, Santiago de Chile, Chile, assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Mining machine. 2,670,943, Mar. 2.
 Vogel, Walter. 2,687,804, Cl. 209—483.
 Vogel, Walter. 2,698,086, Cl. 209—11.
 Vogel, William F. 2,686,473, Cl. 102—49.
 Vogeley, Clyde E., Jr.: *See—*
 Stahl, William L., and Vogeley. 2,677,111.
 Vogeley, Clyde E., Jr., Pittsburgh, Pa., and W. L. Stahl, Ypsilanti, Mich., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Modulator. 2,669,694, Feb. 16.
 Vogelgesang, Robert, assignee: *See—*
 Jüllig, Werner M. J. 2,674,949.
 Vogelsang, Phelps, assignor to Processed Seeds Inc., Midland, Mich. Herbicide-resistant coated seed. 2,671,985, Mar. 16.
 Vogelsang, Phelps, assignor to Processed Seeds Inc. 2,675,942, Cl. 222—9.
 Vogelsanger, Ernst, and L. Ubezio, Zurich, assignors to Ateliers de Construction Oerlikon, Zurich-Oerlikon, Switzerland. Liquid switch. 2,668,217, Feb. 2.
 Vogelsberg, Walter H., Glen Burnie, Md., assignor to Proctor Electric Company, Philadelphia, Pa. Control apparatus for electrical heating units. 2,666,124, Jan. 12.
 Vogelsberg, Walter H., Wayne, assignor to Proctor Electric Company, Philadelphia, Pa. Toaster. 2,667,115, Jan. 26.
 Vogelsberg, Walter H., to Proctor Electric Co. 2,685,636, Cl. 219—20.
 Vogt, Dr. Alois, assignee: *See—*
 Auwärter, Max. 2,677,715.
 Vogt, Clarence W., Norwalk, Conn. Production of plastic masses. 2,665,648, Jan. 12.
 Vogt, Clarence W., Norwalk, Conn. Method and apparatus for producing accurately measured plastic masses. 2,666,229, Jan. 19.

- Vogt, Clarence W., Norwalk, Conn. Production of plastic masses. 2,666,400, Jan. 19.
- Vogt, Clarence W., Norwalk, Conn. Paired bag filling machine. 2,667,997, Feb. 2.
- Vogt, Clarence W., Norwalk, Conn. Apparatus for producing enwrappings in series. 2,671,382, Mar. 9.
- Vogt, Clarence W., Norwalk, Conn. Bag closing and sealing apparatus. 2,671,586, Mar. 9.
- Vogt, Clarence W., Norwalk, Conn. Bag filling machine. 2,671,587, Mar. 9.
- Vogt, Clarence W., Norwalk, Conn. Paired bag filling machine. 2,671,588, Mar. 9.
- Vogt, Clarence W., Norwalk, Conn. Chain of bags. 2,671,602, Mar. 9.
- Vogt, Clarence W., Norwalk, Conn. Commodity package. 2,671,731, Mar. 9.
- Vogt, Clarence W. 2,676,106, Cl. 99—171.
- Vogt, Clarence W. 2,677,317, Cl. 93—1.
- Vogt, Clarence W. 2,682,206, Cl. 93—1.
- Vogt, Clarence W. 2,684,613, Cl. 93—1.
- Vogt, Clarence W. 2,687,978, Cl. 154—43.6.
- Vogt, Clarence W. 2,688,435, Cl. 229—53.
- Vogt, Clarence W. 2,691,257, Cl. 53—6.
- Vogt, Hans. 2,681,375, Cl. 136—20.
- Vogt, Howard D., and O. J. Kieffer. 2,687,863, Cl. 248—43.
- Vogue Dolls, Inc.: *See*—
Cleaver, Henry P. 2,687,594.
- Voices, Inc., assignee: *See*—
Wilhelm, John H.
- Void, Lester, assignee: *See*—
Pfeffer, William E.
- Voigt, August C., Evergreen Park, Ill., assignor to International Harvester Company. Cotton picker spindle assembly with inserts. 2,667,725, Feb. 2.
- Voigt, Jan L.: *See*—
Boasson, Eduard H., and Voigt. 2,697,854.
- Voigt, Johnston S.: *See*—
Kishline, Floyd E., and Voigt. 2,696,388.
- Voigt, Max T., to American Safety Table Co., Inc. 2,689,100, Cl. 248—16.
- Voigtlander A. G., assignee: *See*—
Tronnier, Albrecht W.
- Voigtlander, Albrecht W. 2,677,989.
- Voigtlander & Sohn Aktiengesellschaft: *See*—
Müller, Oskar. 2,693,745.
Sewig, Rudolf F. 2,691,925.
- Voit, W. J., Rubber Corp.: *See*—
Henderson, Robert B. 2,687,303.
Tebbetts, Herbert E., Jr., and Henderson. 2,693,224.
- Voith, J. M., G. m. b. H.: *See*—
Schädler, Max L. 2,685,139.
- Voith, J. M., Maschinenfabrik: *See*—
Kugel, Fritz K., and Gsching. 2,687,657.
- Vokes Ltd.: *See*—
Umney, Laurie E. R. 2,696,911.
- Volk, Joe H.: *See*—
Meyer, Joseph, and Volk. 2,691,266.
- Volk, Paul, assignor to Siemens-Schuckertwerke, Aktiengesellschaft. 2,677,285, Cl. 74—472.
- Volker, Alois, assignor to Rosenkaimer & Cie., Leichlingen, Germany. Telescopic umbrella. 2,670,133, Feb. 23.
- Volkmann, Joseph: *See*—
Messinger, William, and Volkmann. 2,674,222.
- Volkoff, George M.: *See*—
Okulitch, George J., Zozulin, Okulitch, and Volkoff.
Zozulin, Igor V., Okulitch, Volkoff, Okulitch, and Ellett. 2,680,203.
- Voll, Siegfried, assignor to Siemens-Schuckertwerke Aktiengesellschaft. 2,676,277, Cl. 310—57.
- Vollenweider, Emil, assignor, by decree of distribution, to V. Vollenweider. 2,677,332, Cl. 105—65.
- Vollenweider, Vera, assignee: *See*—
Vollenweider, Emil. 2,677,332.
- Vollertsen, Edward P., to National Distillers Products Corp. 2,690,986, Cl. 154—104.
- Vollink, Willard L.: *See*—
Massman, William F., Michael, and Vollink. 2,689,796.
- Vollmar, Ross W.: *See*—
Lee, Samuel W., and Vollmar. 2,698,028.
- Volks, Nicholas T. 2,678,685, Cl. 155—179.
- Volz, Arthur J., and H. G. Tarter, assignors to Bendix Aviation Corporation, South Bend, Ind. Charge forming device or carburetor. 2,665,671, Jan. 12.
- Volz, Philip E., assignor to Radio Corporation of America. 2,678,387, Cl. 250—27.
- Volz, Philip E., to Radio Corp. of America. 2,685,033, Cl. 250—36.
- Vonada, Edwin E., Cleveland, Ohio, assignor to United States Steel Corporation. Continuous electrolytic pickling and tin plating of steel strip. 2,673,836, Mar. 30.
- Von Arx, P., & Co. A. G., assignee: *See*—
Von Arx, Paul.
- Von Arx, Paul, assignor to P. von Arx & Co. A. G., Sis-sach, Switzerland. Scale remover. 2,672,677, Mar. 23.
- Von Basel, Carl. 2,689,723, Cl. 264—1.
- Von Behren, William P., Toledo, Ohio, assignor, by mesne assignments, to Tropic-Aire, Inc., Chicago, Ill. Electric food broiler. 2,668,898, Feb. 9.
- Von Berlichingen, Margot: *See*—
Von Berlichingen, Maximilian and Margot, and Lerch. 2,675,977.
- Von Berlichingen, Maximilian and Margot, and K. Lerch. 2,675,977, Cl. 248—54.
- Von Bolhar, Edgar, and G. F. Martinez, assignors to Yuba Manufacturing Company. 2,677,463, Cl. 209—455.
- Von Bolhar, Edgar J.: *See*—
Wixson, Sanford, and von Bolhar.
- Von Bramer, Harold: *See*—
Clemens, Milton L., von Bramer, and Young. 2,682,547.
- Von Brand, Ernest K., Dobbs Ferry, N. Y. Analytical apparatus for smokes and gases. 2,667,779, Feb. 2.
- Von der Bey, Wilhelm: *See*—
Halm, Eduard, Saladin, and von der Bey. 2,684,393.
- Von der Forst, Peter: *See*—
Emert, Oskar, von der Forst, and Zirngibl. 2,676,096.
- Vonderheide, Frank R. 2,678,106, Cl. 180—66.
- Vonderschmitt, Bernard V., to Radio Corp. of America. 2,693,549, Cl. 315—27.
- Von Eckermann, Ebba. 2,694,811, Cl. 2—88.
- Von Ehrenkrook, Karl, Palisade, Colo. Forced air sprayer and duster. 2,671,690, Mar. 9.
- Von Essen, John F. 2,681,749, Cl. 222—196.3.
- Von Essen, John F. 2,693,040, Cl. 36—62.
- Von Fraunhofer, Hans, assignee: *See*—
Bomback, Richard H. 2,679,456.
- Von Fuchs, George H. 2,682,489, Cl. 148—6.14.
- Von Fuchs, George H. 2,693,996, Cl. 8—94.22.
- Von Glahn, William H., and L. N. Stanley, to General Aniline & Film Corp. 2,688,543, Cl. 95—6.
- Von Glahn, William H., and C. H. Stratton, to General Aniline & Film Corp. 2,694,072, Cl. 260—315.
- Von Haase, Anthony, Parma Heights, Ohio. Knockdown table and seat structure. 2,673,596, Mar. 30.
- Von Haase, Anthony V. 2,685,158, Cl. 53—138.
- Vonhof, Herbert: *See*—
Kenworthy, Kenneth P., and Vonhof. 2,693,235.
- Von Hofe, George W., assignor to New Jersey Machine Corporation. Re. 23,828, Cl. 216—29.
- Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Machine for applying transfers. 2,667,003, Jan. 26.
- Von Hofe, George W., assignor to New Jersey Machine Corporation. 2,676,726, Cl. 216—62.
- Von Hofe, George W., to New Jersey Machine Corp. 2,684,775, Cl. 216—21.
- Von Hofe, George W., and H. A. Nefzger, to New Jersey Machine Corp. Re. 23,917, Cl. 216—55.
- Von Hoorn, Fred G., to General Electric Co. 2,683,788, Cl. 200—117.
- Vonnegut, Bernard., to General Electric Co. 2,684,008, Cl. 88—14.
- Von Ruden, Raymond E. 2,688,846, Cl. 60—53.
- Von Schickh, Otto: *See*—
Hopff, Heinrich, and von Schickh. 2,681,361.
- Von Skene, Robert, Kreuzlingen, Switzerland, W. W. Lenkeit, and L. Dalibor, Konstanz, Bodensee, assignors, by mesne assignments, to W. W. Lenkeit, Markdorf, Bodensee, Germany. Hand knitting apparatus. 2,670,618, Mar. 2.
- Von Stroh, Gerald F. H., and H. E. Smith, to Bituminous Coal Research Inc. 2,690,252, Cl. 198—220.
- Von Ullisperger, Edmund. 2,680,418, Cl. 112—225.
- Von Ullisperger, Edmund, Jr.: *See*—
Von Ullisperger, Edmund, Sr., and Edmund, Jr. 2,679,959.
- Von Ullisperger, Edmund, Sr., and Edmund, Jr. 2,679,959, Cl. 223—99.
- Von Wald, Walter A., Jr., Washington, D. C., and T. E. Marshall, III, Arlington, Va., assignors to Dayton Aircraft Products, Inc., Dayton, Ohio. Lead through insulator. 2,668,187, Feb. 2.
- Von Wangenheim, Adolf, to Detroit Controls Corp. 2,688,978, Cl. 137—512.15.
- Von Wettberg, Eduard F., Jr.: *See*—
Morse, Rollin D., and von Wettberg.
- Von Zborowski, Helmut P. G. A. R., Paris, France. Centrifugal fuel supply for continuous flow internal-combustion engines. 2,672,011, Mar. 16.
- Von Zelewsky, Ottomar, assignor to Georg Fischer Aktiengesellschaft. 2,674,145, Cl. 82—28.
- Von Zelewsky, Ottomar, to Georg Fischer Aktiengesellschaft. 2,693,125, Cl. 82—14.
- Von Zelewsky, Ottomar, to Georg Fischer Aktiengesellschaft. 2,693,365, Cl. 279—106.
- Von Zelewsky, Ottomar, to Georg Fischer Aktiengesellschaft. 2,695,543, Cl. 82—14.
- Voorhees, Fredric V., and W. J. Dutton. 2,675,800, Cl. 128—36.
- Voorheis, Joseph T., to The Coen Co. 2,681,736, Cl. 210—168.
- Voorhies, Alexis, Jr.: *See*—
Krebs, Robert W., and Voorhies.
Whiteley, Robert S., and Voorhies. 2,685,561.
- Voorhies, Alexis, Jr., to Standard Oil Development Co. 2,685,559, Cl. 196—52.
- Voorhies, Carl. 2,682,864, Cl. 123—90.
- Voorhies, Carl. 2,682,865, Cl. 123—90.
- Voorhies, Carl. 2,688,317, Cl. 123—90.
- Voorhies, Carl, and W. D. Corlett, said Corlett assignor to Standard Screw Co. 2,688,318, Cl. 123—90.
- Vordahl, Milton B., assignor, by mesne assignments, to Rem-Cru Titanium, Inc. 2,675,309, Cl. 75—177.
- Vordtriede, Oliver A.: *See*—
Cooper, James J., and Vordtriede.

- Vordtriede, Oliver A., St. Louis, assignor, by mesne assignments, to A. B. Chance Company, Centralia, Mo. Fuse cutout. 2,668,214, Feb. 2.
- Vore, Herbert G., Forest Hills, and A. C. Magalos, Brooklyn, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Bottle Capping machine. 2,667,999, Feb. 2.
- Vore, Milton P.: *See—*
Kinn, Theodore P., Wharff, and Vore. 2,686,251.
- Vore, Willis E.: *See—*
Kirby, Frank J., and Vore.
- Vorech, Stephen, to Bendix-Westinghouse Automotive Air Brake Co. 2,687,046, Cl. 74—527.
- Vorech, Stephen, to Bendix-Westinghouse Automotive Air Brake Co. 2,687,908, Cl. 286—15.
- Vörts, Svend A., and E. B. Nilsson, to Allmanna Svenska Elektriska Aktiebolaget. 2,688,715, Cl. 317—70.
- Vorwerk, Otto K.: *See—*
Hüttemann, Paul F., Klotzbach, Vorwerk, and Gallai-Hatchard. 2,693,666.
- Vorwerk, Otto K., to Hüttenwerk Rheinhausen Aktiengesellschaft. 2,691,249, Cl. 49—77.5.
- Vos, Jacobus N., and B. D. H. Tellegen, assignors to Hartford National Bank and Trust Company as trustee. 2,676,308, Cl. 333—29.
- Vosbikian, Peter S. and T. S. 2,678,458, Cl. 15—116.
- Vosbikian, Thomas S.: *See—*
Vosbikian, Peter S. and T. S. 2,678,458.
- Vosburg, Guy M., assignor, by mesne assignments, to Dri-Flo Manufacturing Co. 2,676,349, Cl. 15—134.
- Vosburgh, Malcolm C., to Raytheon Mfg. Co. 2,697,787, Cl. 250—36.
- Vose, Robert W.: *See—*
Plummer, Charles H., and Vose. 2,676,364.
- Vose, Robert W., to The Fuller Brush Co. 2,688,762, Cl. 15—205.
- Voskresenski, Jacob D., Chicago, Ill. Steam and dry iron. 2,664,653, Jan. 5.
- Voss Engineering Co.: *See—*
Holtz, Raymond F. 2,684,000.
Holtz, Raymond F. 2,698,043.
- Voss, Frank G. 2,689,473, Cl. 72—50.
- Voss, Herman H. 2,678,526, Cl. 56—104.
- Voss, John H., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system for private automatic business exchanges. 2,672,520, Mar. 16.
- Voss, Walter. 2,695,111, Cl. 215—44.
- Vossen, Edward. 2,691,880, Cl. 66—166.
- Votrian, Elmer R., to Vickers Inc. 2,685,947, Cl. 192—21.5.
- Votta, Frank A., Jr.: *See—*
Clarke, Philip C., Glaser, and Votta. 2,693,328.
Glaser, Leo B., and Votta.
- Voumard, Bertrand P., and W. H. Nicolet, La Chaux-de-Fonds, Switzerland. Means for weaving ribbons, tapes, bands, and the like. 2,670,012, Feb. 23.
- Voysey, Reginald G., assignor to Power Jets (Research and Development) Limited. 2,677,237, Cl. 60—39.46.
- Voytech, Charles F., assignor to Crane Packing Company, Chicago, Ill. Hydraulically locked seal. 2,672,357, Mar. 16.
- Voytech, Charles F. 2,695,536, Cl. 81—3.48.
- Vraciu, Kathryn L. Re. 23,818, Cl. 2—41.
- Vrana, Stella S., Pittsburgh, Pa. Composite dish structure. 2,673,115, Mar. 23.
- Vriens, Gerard N.: *See—*
Medcalf, Eugene, and Vriens. 2,694,095.
- Vrla, Joe E.: *See—*
Bryan, William J., and Vrla. 2,675,799.
- Vroman, John C., ½ to R. C. Wynn. 2,693,767, Cl. 103—179.
- Vroom, Edward, assignor to Bell Telephone Laboratories, Incorporated. 2,675,426, Cl. 179—18.
- Vroom, Harold B., assignor to Veeder-Root Incorporated, Hartford, Conn. Preselector mechanism for liquid dispensing apparatus. 2,665,030, Jan. 5.
- Vrtis, Charles S.: *See—*
Barrett, Edward L. 2,684,396.
Barrett, Edward L. 2,692,745.
- Vuignier, Marcelle A. 2,685,678, Cl. 339—238.
- Vuillemin, Jean G., assignor to Fonderies Debard. 2,675,830, Cl. 137—624.
- Vuilleumier, Marcel, Cully, assignor to Parechoc S. A., Le Sentier, Canton of Vaud, Switzerland. Timepiece bearing. 2,664,697, Jan. 5.
- Vulcan Corp.: *See—*
Clausing, Henry G. 2,684,493.
Maly, Frank B. 2,681,672.
- Vulcan Radiator Company, The, assignee: *See—*
Arnold, Thomas L.
- Vulcan Research Corp.: *See—*
Westling, Carl J. 2,695,155.
- Vutz, Wilhelm, to Avco Mfg. Corp. 2,688,880, Cl. 74—242.15.
- W. C. 't Hart & Zn. Instrumenten-en Apparatenfabriek N. V., assignee: *See—*
Quast, Gerard J.
- W-K-M Company, assignee: *See—*
Laurent, Milton P.
- W. u. W. Schenk K. G.: *See—*
Posch, Oskar. 2,688,473.
- Waag, Harry O.: *See—*
Prance, Stanley R., and Waag. 2,684,310.
- Wabash Fibre Box Co., assignee: *See—*
Tichenor, Harold D. 2,679,348.
- Waber, James W., Chicago, Ill. Inner tube for pneumatic tires. 2,664,936, Jan. 5.
- Wabnitz, George H., Rochester, N. Y. Paint tray for roller applicators. 2,669,736, Feb. 23.
- Wachsman, David: *See—*
Wachsman, Jacob and D.
- Wachsman, Jacob and D., Brooklyn, N. Y.; said J. Wachsman assignor to D. Wachsman. Stop motion for knitting machines. 2,669,105, Feb. 16.
- Wachtel, Jacques L., D. R. Croley, and J. J. Murtaugh, to Schenley Industries, Inc. 2,684,361, Cl. 260—239.1.
- Wachtel, Jacques L., D. R. Croley, and J. J. Murtaugh, to Schenley Industries, Inc. 2,684,362, Cl. 260—239.1.
- Wachtel, Jacques L., D. R. Croley, and J. J. Murtaugh, to Schenley Industries, Inc. 2,684,363, Cl. 260—239.1.
- Wachtel, Kurt. 2,689,474, Cl. 73—16.
- Wachtell, George P.: *See—*
Cohen, Martin J., Wachtell, and Pieper. 2,677,762.
- Wachtell, George P., to the United States of America represented by the Secretary of the Navy. 2,688,079, Cl. 250—27.
- Wachter, Theresia M. 2,682,146, Cl. 58—90.
- Wacker-Chemie G. m. b. H.: *See—*
Arnold, Alfred, Unterguggenberger, and Schmidt. 2,688,566.
Bergmeister, Eduard, Gruber, and Heckmaier. Nitzsche, Siegfried.
- Wacker, George W. 2,689,376, Cl. 18—30.
- Waddell, Mathis T., and J. H. Karchmer, to Standard Oil Development Co. 2,693,443, Cl. 196—32.
- Waddell, Robert G., to The Firestone Tire & Rubber Co. 2,685,907, Cl. 152—427.
- Waddington, John, and R. S. Clegg, assignors to Elektrokemisk A/S. 2,680,141, Cl. 13—18.
- Waddle, Howard M., G. O. Etchison, H. A. Gibson, and E. H. Granberry, to West Point Mfg. Co. 2,687,689, Cl. 100—43.
- Wade Engineering Limited, assignee: *See—*
Densham, Costin L.
- Wade, John B., to Food Machinery and Chemical Corp. 2,697,043, Cl. 106—43.
- Wade, Kenneth L., New York, N. Y. Light shield. 2,671,898, Mar. 16.
- Wade, Marion E., assignor to Westinghouse Electric Corporation. 2,679,574, Cl. 219—47.
- Wade, R. M., & Co., assignee: *See—*
Cornelius, Gail. 2,677,560.
- Wade, Walter A.: *See—*
Barrett, Edward L. 2,684,396.
Barrett, Edward L. 2,692,745.
- Wade, Worth, to American Viscose Corp. 2,682,097, Cl. 28—80.
- Wade, Worth, to American Viscose Corp. 2,682,895, Cl. 139—142.
- Wadinger, Walter P., Cheshire, assignor to Scovill Manufacturing Company, Waterbury, Conn. Hypodermic syringe hinging head. 2,673,562, Mar. 30.
- Waddington, John P., Keyport, N. J., assignor to National Lead Company, New York, N. Y. Preparation of titanium chloride acetate powder material. 2,670,363, Feb. 23.
- Waddington, John P., to National Lead Co. 2,691,594, Cl. 106—15.
- Wadley, Edward F.: *See—*
Baumgarten, Peter K., Hoffmann, and Wadley. 2,694,671.
- Wadley, Edward F., and J. A. Anderson, Jr., to Standard Oil Development Co. 2,688,629, Cl. 260—449.
- Wadley, Edward F., and J. A. Anderson, Jr., to Standard Oil Development Co. 2,688,630, Cl. 260—449.6.
- Wadsworth Electric Mfg. Co., The: *See—*
Boller, William D., Berkley, Ernst, and Landmeier. 2,677,734.
- Boller, William D., Berkley, Ernst, and Landmeier. 2,685,011.
- Waechter, Charles J.: *See—*
Pomper, Anthony W., and Waechter. 2,679,231.
- Waern, Oscar H.: *See—*
Rost, Nelge F., and Waern. 2,687,209.
- Wagar, Harold N., to Bell Telephone Laboratories, Inc. 2,691,811, Cl. 29—155.57.
- Wagenfeld, Gilbert B. 2,685,090, Cl. 2—197.
- Wagenknecht, Otto E.: *See—*
Mullaney, Ralph A., and Wagenknecht. 2,698,182.
- Waggoner, Jack H., Newark, Ohio, assignor to Owens-Corning Fiberglass Corporation. Colored glass fiber products and producing them. 2,671,033, Mar. 2.
- Wagman, Bert. 2,695,656, Cl. 155—123.
- Wagner, Adolph A.: *See—*
Werner, Arnold J., and Wagner.
- Wagner, Adolph A., and A. J. Werner, assignors to Wagner Iron Works. 2,676,719, Cl. 214—510.
- Wagner, Adolph A., and A. J. Werner, assignors to Wagner Iron Works. 2,676,837, Cl. 294—88.
- Wagner, Cary R., to Phillips Petroleum Co. 2,689,855, Cl. 260—329.
- Wagner, Dorr W., to Aerovox Corp. 2,688,177, Cl. 29—25.42.
- Wagner, Dorr W., to Aerovox Corp. 2,695,443, Cl. 29—25.42.

- Wagner, E. R., Mfg. Co.: *See*—
 Clausen, Howard J. 2,684,863.
 Kirkpatrick, William O. 2,684,736.
 Miller, Lester C.
- Wagner, Edward L., and L. B. Dean, to the United States of America as represented by the United States Atomic Energy Commission. 2,688,529, Cl. 23—14.5.
- Wagner, Edward L., and B. M. Pitt, to the United States of America as represented by the United States Atomic Energy Commission. 2,688,530, Cl. 23—14.5.
- Wagner Electric Corp.: *See*—
 Fites, Cyril B., and Ryan. 2,690,359.
 Malsbary, James S. 2,684,009.
 McCarty, Williard R. 2,696,659.
 Milster, Arthur N. 2,683,781.
 Potter, Wilfred C. 2,680,903.
 Schnell, Steve. 2,687,189.
 Schnell, Steve. 2,687,906.
 Schnell, Steve. 2,697,495.
- Wagner, Elmer K., to Giddings & Lewis Machine Tool Co. 2,694,804, Cl. 340—282.
- Wagner, Ernst, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. 2,676,089, Cl. 23—152.
- Wagner, Frederick A., Livermore, Calif. Engine valve seat insert. 2,672,856, Mar. 23.
- Wagner, Frederick A., East Lansing, and A. D. Pierce, Lansing, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Apparatus for conveying metals to centrifugal casting molds. 2,670,510, Mar. 2.
- Wagner, Frederick A., East Lansing, and A. D. Pierce, Lansing, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Apparatus for recovering excess molten metal. 2,673,380, Mar. 30.
- Wagner, George P., Mount Vernon, N. Y., assignor to The Engineering Development Company, Incorporated. Bearing assembly for oil well drilling turbines. 2,670,928, Mar. 2.
- Wagner, Harold A. 2,675,892, Cl. 187—9.
- Wagner, Harold C., and R. A. Schoenlaub, to Zirconium Corp. of America. 2,694,646, Cl. 106—57.
- Wagner, Heinrich, to Zahnradfabrik Friedrichshafen, Aktiengesellschaft. 2,682,782, Cl. 74—500.
- Wagner, Heinrich, to Zahnradfabrik Friedrichshafen, Aktiengesellschaft. 2,687,654, Cl. 74—499.
- Wagner, Herbert L., assignor to Detroit Stoker Company. 2,677,437, Cl. 183—75.
- Wagner Iron Works, assignee: *See*—
 Wagner, Adolph A., and Werner. 2,676,719.
 Werner, Arnold J., and Wagner.
- Wagner, Jacob. 2,675,041, Cl. 150—1.6.
- Wagner, John L., and R. H. Holmwood, to International Business Machines Corp. 2,693,277, Cl. 209—74.
- Wagner, John O. 2,685,760, Cl. 46—165.
- Wagner, Kenneth A., Brainerd, Minn. Sheet counter for paper sheet handling machines. 2,673,498, Mar. 30.
- Wagner, Leonard J., North Olmsted, assignor, by mesne assignments, to R. I. Schonitzer, Cleveland, Ohio. Door control mechanism. 2,665,158, Jan. 5.
- Wagner, Martin: *See*—
 Preisinger, Carl M. 2,693,940.
- Wagner, Martin J., assignor to Globe Woven Belting Company, Inc. 2,675,906, Cl. 198—198.
- Wagner, Max, to Daimler-Benz Aktiengesellschaft. 2,689,746, Cl. 280—96.2.
- Wagner, Paul L. 2,689,436, Cl. 51—170.
- Wagner, Robert J.: *See*—
 Koerner, Harry E., and Wagner. 2,679,442.
- Wagner, Roger, to Societe Anonyme des Ateliers et Chantiers de la Loire. 2,685,177, Cl. 62—114.
- Wagner, Theodore: *See*—
 Bossert, Norman K., and Wagner.
- Wagner, Wiltz W. 2,682,472, Cl. 99—139.
- Wagnon, Francis M., assignor of one-tenth to R. B. Perkins, and three-tenths to J. M. Sturdevant, Altus, Okla. Cotton harvester with cleaning means. 2,672,719, Mar. 23.
- Wagoner, Bruce G., to Crown Hosiery Mills, Inc. 2,685,185, Cl. 66—13.
- Wagoner, Edmund L. 2,688,995, Cl. 150—0.5.
- Wagonseller, Earl A., to Container Corp. of America. 2,697,547, Cl. 229—42.
- Wagter, Hendrik, Broek in Waterland, assignor to Gebr. Stork & Co.'s Apparatenfabriek N. V., Amsterdam, Netherlands. Decorticating device. 2,666,955, Jan. 26.
- Wahl, Harold F. 2,677,893, Cl. 33—191.
- Wahl, Paul L. 2,695,728, Cl. 220—62.
- Wahl, Walter. 2,688,404, Cl. 210—52.5.
- Wahlberg, Eric C., to Electrolux Corp. 2,692,345, Cl. 310—154.
- Wahlberg, Nils E., and J. F. Sladky, to Nash-Kelvinator Corp. 2,685,244, Cl. 98—2.
- Wahlberg, Nils R., to Iggesund Bruks Aktiebolaget. 2,682,566, Cl. 13—21.
- Wahlborg, Karl J., to Aktiebolaget B. A. Hjorth & Co. 2,682,826, Cl. 98—116.
- Wahler, August W. 2,687,222, Cl. 214—16.1.
- Wahlin, Fred W., Oak Park, assignor to Spraying Systems Co., Bellwood, Ill. Single inlet whirl chamber nozzle. 2,666,669, Jan. 19.
- Wahlin, Fred W., Oak Park, assignor to Spraying Systems Co., Bellwood, Ill. Strainer attachment. 2,668,624, Feb. 9.
- Wahlin, Fred W., to Spraying Systems Co. 2,681,829, Cl. 299—107.
- Wahlin, Fred W., to Spraying Systems Co. 2,683,626, Cl. 299—141.
- Wahlin, Fred W., to Spraying Systems Co. 2,683,627, Cl. 299—153.
- Wahlmark, Gunnar A., Rockford, Ill. Gear pump. 2,671,410, Mar. 9.
- Wahlmark, Gunnar A. 2,680,348, Cl. 60—53.
- Waibel, Wilhelm, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. 2,691,637, Cl. 252—187.
- Waigh, Douglas T.: *See*—
 Strange, John W., Waigh, and Bloxsidge. 2,683,240.
- Wainer, Eugene: *See*—
 Cardon, Samuel Z., and Wainer. 2,694,617.
- Wainer, Eugene, assignor, by mesne assignments, to Northern Minerals Incorporated. 2,674,541, Cl. 106—300.
- Wainer, Eugene, to Northern Minerals Inc. 2,686,731, Cl. 106—306.
- Wainer, Eugene, to the United States of America as represented by the United States Atomic Energy Commission. 2,687,340, Cl. 23—88.
- Wainer, Eugene, to Thompson Products, Inc. 2,690,409, Cl. 148—31.5.
- Wainer, Eugene, to Horizons Titanium Corp. 2,694,616, Cl. 23—88.
- Wainer, Eugene, Cleveland Heights, and S. Z. Cardon, Cleveland, Ohio, assignors, by mesne assignments, to Horizons Titanium Corporation, Princeton, N. J. Trivalent compounds of titanium and making same. 2,672,399, Mar. 16.
- Wainer, Eugene, M. A. Steinberg, and A. A. Topinka, to Horizons Titanium Corp. 2,681,847, Cl. 23—202.
- Wainer, Eugene, M. A. Steinberg, and A. A. Topinka, to Horizons Titanium Corp. 2,681,848, Cl. 23—202.
- Wainer, Eugene, M. A. Steinberg, and M. E. Sibert, to Horizons Titanium Corp. 2,698,221, Cl. 23—202.
- Wainright, Joseph A., to General Electric Co. 2,683,874, Cl. 343—118.
- Wainwright, Carlyle H.: *See*—
 Deans, Frederick E., Wainwright, and Kent.
- Wainwright, Lawrence, to the United States of America as represented by the United States Atomic Energy Commission. 2,682,452, Cl. 23—270.5.
- Waisbrot, Samuel W., assignor to The Permutit Company. 2,676,922, Cl. 210—24.
- Wait, Edward B., assignor to Masonite Corporation. 2,678,588, Cl. 92—39.
- Waite Carpet Company, assignee: *See*—
 Waite, Philip C. Re. 23,837.
- Waite, Fred L.: *See*—
 Jensen, Thormod, and Waite. 2,691,856.
- Waite, Griffin G., and I. K. Fog, to Sangamo Electric Co. 2,691,763, Cl. 324—152.
- Waite, Philip C., assignor to Waite Carpet Company. Re. 23,837, Cl. 28—80.
- Waite, Ralph D.: *See*—
 Harland, Philip W., and Waite. 2,679,760.
- Waite, Ralph D., assignor to American Machine and Metals, Inc. 2,679,164, Cl. 73—397.
- Waite, Ralph D., to American Machine and Metals, Inc. 2,692,613, Cl. 137—534.
- Waite, William A., Saunderstown, R. I. Furnace wall construction. 2,669,115, Feb. 16.
- Waitkus, Joseph, to The Air Preheater Corp. 2,692,761, Cl. 257—6.
- Waitzman, Simon. 2,696,078, Cl. 60—35.6.
- Wake, Paul: *See*—
 Armstrong, Alfred, and Wake. 2,677,339.
- Wakefield, C. C. & Co. Ltd.: *See*—
 Elliott, John S. 2,691,000.
 Evans, Elliott A., and Elliott. 2,692,858.
- Wakefield, Charlie E. 2,689,568, Cl. 128—345.
- Wakefield, F. W., Brass Co., The: *See*—
 Wakefield, George P. 2,695,430.
- Wakefield, Fern A., Portland, Oreg. Color combination game apparatus. 2,672,344, Mar. 16.
- Wakefield, George P., to The F. W. Wakefield Brass Co. 2,695,430, Cl. 20—56.5.
- Wakefield, Ray T., to Westinghouse Electric Corp. 2,682,711, Cl. 34—133.
- Wakefield, Richard E. B., assignor to Shallcross Manufacturing Company. 2,674,678, Cl. 201—64.
- Wakefield, Sidney J., to The Visking Corp. 2,685,745, Cl. 34—1.
- Wakefield, Walter H., assignor to Crompton & Knowles Loom Works. 2,675,027, Cl. 139—188.
- Wakeman, Reginald L.: *See*—
 Tesoro, Giuliana C., and Wakeman. 2,680,769.
- Wakeman, Reginald L., and G. C. Tesoro, assignors to Onyx Oil & Chemical Company. 2,676,986, Cl. 260—567.6.
- Wakker, Charles: *See*—
 Siegrist, Bruno, and Wakker.
- Walby, Casper M. 2,682,715, Cl. 37—2.
- Walckhof, Max: *See*—
 Clemens, Ogden A., Mertens, and Walckhof. 2,697,245.
- Walden, Henry R. 2,680,022, Cl. 273—26.
- Walden, Henry W., assignor to Walden Industries, Inc., New York, N. Y. Camera and lamp support, including camera shutter and diaphragm actuator. 2,670,666, Mar. 2.

- Walden, Henry W. 2,682,816, Cl. 95—115.
Walden Industries, Inc., assignee: *See—*
Walden, Henry W.
Walden, Jack R.: *See—*
Doolittle, Donald B., and Walden. 2,692,101.
Walder, Emil. 2,674,937, Cl. 99—331.
Waldes Kohinoor, Inc., assignee: *See—*
Shur, Ira.
Wurzel, Hugo. 2,676,049.
Waldexer, Carl. 2,694,336, Cl. 88—166.
Waldhauer, Fred D., Philadelphia, Pa., assignor to Radio Corporation of America. Photocell-amplifier circuit. 2,673,935, Mar. 30.
Waldherr, John, Jr., Fairfield, Ill., assignor to Chefford Master Manufacturing Co. Inc. Ball retainer ring for ball bearings. 2,665,958, Jan. 12.
Waldherr, Joseph J., assignor to Roddis Plywood Corporation, Marshfield, Wis. Forming a hollow core plywood door. 2,668,788, Feb. 9.
Waldie, William A.: *See—*
Nack, Herman R., and Waldie. 2,691,596.
Waldie, William A., Oakwood, assignor to New Wrinkle, Inc., Dayton, Ohio. Production of a fluorescent and iridescent wrinkle-finish coating containing a hydrous iron oxide as pigment. 2,668,799, Feb. 9.
Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Wrinkle finish coating composition containing a vinyl chloride-vinyl acetate-vinyl alcohol terpolymer and an alkyd resin. 2,671,062, Mar. 2.
Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Vinyl resin-alkyd wrinkle composition. 2,671,063, Mar. 2.
Waldin, Vincent H.: *See—*
Van der Luft, Alexander, Waldin, Walker, and Wrightsman. 2,694,404.
Waldman, John F. 2,688,670, Cl. 200—61.27.
Waldman, Rose. 2,686,620, Cl. 223—88.
Waldo, Alfred O., Sr. 2,677,587, Cl. 312—249.
Waldorf Paper Products Co.: *See—*
Guyer, Reynolds. 2,681,143.
Guyer, Reynolds. 2,681,173.
Guyer, Reynolds. 2,685,401.
Guyer, Reynolds. 2,686,628.
Hennessey, Russell J. 2,679,927.
Sandberg, Nels H. 2,696,904.
Waldorf, Samuel E., and L. G. Hoppes, to L. Wilkinson, as trustee. 2,684,785, Cl. 222—134.
Waldron, Francis W., Portland, Oreg. Flower growing container. 2,670,571, Mar. 2.
Waldron, John, Corp.: *See—*
Kaiser, Frank F. 2,688,919.
Pomper, Anthony W., and Waechter. 2,679,231.
Waldron, William R.: *See—*
Ulrich, Lynne H., and Waldron.
Waldschmidt, Henry. 2,689,709, Cl. 254—134.3.
Waldvogel, Jakob, to Schweizerische Lokomotiv- und Maschinenfabrik. 2,685,847, Cl. 105—223.
Wale, Herbert E. 2,697,776, Cl. 240—1.3.
Wales, George F., Kenmore, N. Y. Light transmitting checker piece. 2,670,208, Feb. 23.
Wales, George F. 2,676,086, Cl. 346—78.
Wales, George F. 2,676,087, Cl. 346—78.
Wales, George F. 2,682,117, Cl. 35—8.
Wales, George F. 2,687,305, Cl. 273—136.
Wales, George F., and P. H. Taylor, to Wales-Strippit Corp. 2,684,855, Cl. 279—3.
Wales, Lester C. 2,685,652, Cl. 290—52.
Wales, Lester C. 2,689,679, Cl. 230—56.
Wales, Nathaniel B., to Industrial Patent Corp. 2,686,330, Cl. 15—327.
Wales, Nathaniel B., Jr., Morristown, N. J. Electric stimulator for artificial respiration. 2,664,880, Jan. 5.
Wales, Nathaniel B., Jr., assignor to International Business Machines Corporation. 2,675,504, Cl. 315—167.
Wales, Nathaniel B., Jr., to International Business Machines Corp. 2,687,496, Cl. 315—167.
Wales, Nathaniel B., Jr., to the United States of America as represented by the Secretary of the Army. 2,692,557, Cl. 102—78.
Wales-Strippit Corp.: *See—*
Taylor, Paul H. 2,678,695.
Taylor, Paul H. 2,681,800.
Taylor, Paul H. 2,695,062.
Wales, George F., and Taylor. 2,684,855.
Walford, Richard L. 2,680,959, Cl. 66—86.
Walker, Alec H. B., assignor to Westinghouse Brake and Signal Company Limited, London, England. Voltage regulating apparatus for alternating electric current circuits. 2,673,323, Mar. 23.
Walker, Alvin J., Sr. 2,686,544, Cl. 150—37.
Walker, Benjamin M., Lenox, Mass., assignor to General Electric Company. Electric capacitor. 2,665,400, Jan. 5.
Walker, Brooks, assignee: *See—*
Hunter, Edwin J.
Walker, Brooks. 2,678,604, Cl. 102—8.
Walker, Brooks. 2,688,372, Cl. 180—1.
Walker, Brooks. 2,696,879, Cl. 160—168.
Walker, Brooks, and H. J. Shultz; said Shultz assignor to said Walker. 2,687,770, Cl. 160—176.
Walker, Charles H. 2,692,791, Cl. 296—44.
Walker, Charles H. 2,692,792, Cl. 296—44.
Walker-Croswell & Co., Ltd.: *See—*
Barker, Clifford L., and Hancock. 2,690,883.
Walker, Curtis W. T.: *See—*
Garriott, Gerald L., and Walker. 2,676,340.
Walker, Cyril H., and F. E. Large, to General Electric Co. 2,694,788, Cl. 315—100.
Walker, Daniel N., Ashby Parva, near Rugby, assignor to Power Jets (Research and Development) Limited, London, England. Control device. 2,669,245, Feb. 16.
Walker, Daniel N., to Power Jets (Research and Development) Ltd. 2,695,499, Cl. 60—39.31.
Walker, David D.: *See—*
Garrison, James O., and Walker. 2,695,777.
Walker, David S.: *See—*
Tandler, William S., Walker, and Grossman. 2,697,879.
Walker, Delos A.: *See—*
Morkoski, James, and Walker. 2,688,225.
Walker, Delos A., and G. H. Gross, Memphis, Tenn., assignors to International Harvester Company. Cotton picker doffer mechanism adjusting means. 2,664,689, Jan. 5.
Walker, Donald F., and M. K. Taylor, to Ferranti Ltd. 2,686,222, Cl. 178—19.
Walker, Doreen: *See—*
Blumlein, Alan D. 2,692,334.
White, Eric L. C., and Blumlein. 2,688,077.
Walker, Eric E., R. J. Mann, and J. F. Levers, assignors to British Celanese Limited. 2,675,337, Cl. 154—76.
Walker, Forrest A., to General Electric Co. 2,681,843, Cl. 312—311.
Walker, Forrest A., to General Electric Co. 2,681,844, Cl. 312—311.
Walker, Geoffrey W.: *See—*
Ziherl, Frank, and Kish. 2,687,724.
Walker, George B., Fulham, London, England. Silencer or muffler for engine exhausts or the like. 2,671,523, Mar. 9.
Walker, George B. 2,693,863, Cl. 181—44.
Walker, George H., to United States Steel Corp. 2,697,643, Cl. 308—3.5.
Walker, Harry M.: *See—*
Heider, Rudolph L., and Walker. 2,698,337.
Walker, Harry M., Dickinson, Tex., assignor to Monsanto Chemical Company, St. Louis, Mo. Acetylene solution. 2,666,742, Jan. 19.
Walker, Hiram, & Sons, Inc., assignee: *See—*
Van Lanen, James M., Smiley, and Stone.
Walker, Jack, and P. Leng, assignors to Armstrong Siddeley Motors Limited, Coventry, England. Optical apparatus for inspecting the contour of articles. 2,668,475, Feb. 9.
Walker, Jack, and P. Leng, to Armstrong Siddeley Motors Ltd. 2,686,370, Cl. 33—174.
Walker, James D., assignor to Walker Process Equipment Inc. 2,679,319, Cl. 210—130.
Walker, James H., and N. P. Shiells, assignors to California Research Corporation. 2,680,096, Cl. 252—42.7.
Walker, James W.: *See—*
Mitchell, Robert L., and Walker.
Robertson, Nat C., and Walker.
Walker, Jay P., and C. O. Glasgow, assignors to National Tank Company, Tulsa, Okla. Method and apparatus for removing condensable fluids from gaseous streams. 2,665,769, Jan. 12.
Walker, Jay P., C. O. Glasgow, and A. W. Francis, Jr., to National Tank Co. 2,685,938, Cl. 183—2.7.
Walker, John J., and J. E. Farbak, assignors to Swift & Company, Chicago, Ill. Foam depressant. 2,668,138, Feb. 2.
Walker, John L., Muskegon, Mich., assignor to Continental Motors Corporation. Shutter mounting for engine cooling systems. 2,664,862, Jan. 5.
Walker, Joseph B. 2,697,379, Cl. 88—24.
Walker Mfg. Co.: *See—*
Thorpe, William H. 2,691,389.
Walker Mfg. Co. of Wisconsin: *See—*
Trautman, Walter C., and McNabb. 2,687,873.
Walker, Maurice M. 2,684,047, Cl. 118—121.
Walker, Nathan. 2,678,082, Cl. 155—9.
Walker, Neville E., assignor to American Junior Aircraft Company, Portland, Oreg. Acrobatic toy airplane. 2,664,666, Jan. 5.
Walker, Neville E., assignor to American Junior Aircraft Company. 2,676,013, Cl. 272—31.
Walker, Neville E. 2,694,573, Cl. 273—32.
Walker Process Equipment Inc., assignee: *See—*
Walker, James D. 2,679,319.
Walker, Richard M., to the United States of America as represented by the Secretary of the Navy. 2,686,878, Cl. 250—36.
Walker, Richard M., to the United States of America as represented by the Secretary of the Navy. 2,692,367, Cl. 324—58.
Walker, Robert A. 2,685,448, Cl. 280—11.35.
Walker, Robert F., assignee: *See—*
Bowen, Bradford T.
Walker, Robert M.: *See—*
Havens, Byron L., and Walker.
Walker, Ronald W., Amarillo, Tex. Refrigerated cream dispensing cabinet. 2,665,563, Jan. 12.
Walker, Samuel E.: *See—*
Van der Luft, Alexander, Waldin, Walker, and Wrightsman. 2,694,404.

- Walker, Samuel J., to Butler Mfg. Co. 2,687,108, Cl. 116—117.
- Walker, Scott W., to Stanolind Oil and Gas Co. 2,691,669, Cl. 260—450.
- Walker, T. S., assignee: *See*—
Everhart, George R., McKay, and Danforth. 2,674,768.
- Walker, Thos. B., assignee: *See*—
Jarvis, James A. 2,677,257.
- Walker, Thomas B., to Isaac Braithwaite & Son Engineers Ltd. 2,691,884, Cl. 68—139.
- Walker, Thomas M. 2,686,408, Cl. 65—12.
- Walker, Willard R., to Easy Washing Machine Corp. 2,692,604, Cl. 134—57.
- Walker, William C.: *See*—
Zettlemoyer, Albert C., and Walker.
- Walkup, Lewis E., and H. E. Copley, to The Haloid Co. 2,689,179, Cl. 95—1,9.
- Wall, Alexander C.: *See*—
Dumas, Roger E., Rumsey, and Wall. 2,683,602.
- Wall, Douglas E., and G. L. Chapman. 2,693,987, Cl. 311—6.
- Wall, Monroe E., Oreland, Pa., assignor to the United States of America as represented by the Secretary of Agriculture. Alkaline cleavage of pseudosapogenin oxidation products. 2,666,770, Jan. 19.
- Wall, Monroe E., and M. M. Krider, to the United States of America as represented by the Secretary of Agriculture. 2,686,752, Cl. 195—32.
- Wall, P., Mfg. Company, assignee: *See*—
Schoenwald, Alexander, Silverman, Myer A., and Sherman.
- Wall, T., & Sons Limited, assignee: *See*—
Stonestreet, George A. 2,674,100.
- Wall, Thomas P., Seattle, Wash. Saliva ejector. 2,670,539, Mar. 2.
- Wallace, Archibald L. 2,690,591, Cl. 18—6.
- Wallace, Bert H.: *See*—
Gordon, Jacob. 2,697,773.
- Wallace, Burgess P., to Whitehead Brothers Co. 2,686,727, Cl. 106—38.5.
- Wallace, Burgess P., to Whitehead Brothers Co. 2,686,728, Cl. 106—38.8.
- Wallace, Clifford R.: *See*—
Rehak, James, Wallace, and Seanor. 2,696,635.
- Wallace, Curtis C., to The Electric Storage Battery Co. 2,692,907, Cl. 136—170.
- Wallace, Earl C., and B. E. Chalmers, to The Hettrick Mfg. Co. 2,687,537, Cl. 5—280.
- Wallace, Edward, assignor to Wallace Manufacturing Corporation. 2,679,096, Cl. 30—248.
- Wallace, Edward, assignor to Wallace Mfg. Corp. 2,679,097, Cl. 30—248.
- Wallace, Edward H., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Antiskid tire. 2,670,777, Mar. 2.
- Wallace, Edwin G.: *See*—
Menn, Jacob J., and Wallace.
- Wallace, Elwyn C.: *See*—
Holdaway, George H., and Wallace.
- Wallace, F. D.: *See*—
Young, David. 2,691,242.
- Wallace, Frank C., to Collins Radio Co. 2,690,803, Cl. 164—44.
- Wallace, Frederick J., assignor to American Cystoscope Makers, Inc., New York, N. Y. Inflatable retention catheter. 2,667,875, Feb. 2.
- Wallace, Frederick J., to American Cystoscope Makers, Inc. 2,688,329, Cl. 128—349.
- Wallace, Frederick J., to American Cystoscope Makers, Inc. 2,690,744, Cl. 128—6.
- Wallace, Frederick J., to American Cystoscope Makers, Inc. 2,691,370, Cl. 128—6.
- Wallace, Henry S., and A. P. Tulleners to Zenith Radio Corp. 2,684,440, Cl. 250—27.
- Wallace, James M., East McKeesport, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Plural phase reclosing circuit breaker. 2,666,825, Jan. 19.
- Wallace, James M., assignor to Westinghouse Electric Corporation. 2,680,170, Cl. 200—89.
- Wallace, James M., Pittsburgh, and H. W. Graybill, Greensburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Arc extinguisher. 2,673,912, Mar. 30.
- Wallace, James M., and A. W. Edwards, to Westinghouse Electric Corp. 2,686,854, Cl. 200—89.
- Wallace, James M., and E. F. Beach, to Westinghouse Electric Corp. 2,692,313, Cl. 200—89.4.
- Wallace, James M., and A. W. Ogg, to Westinghouse Electric Corp. 2,697,149, Cl. 200—108.
- Wallace, Jeffrey J., Amite, La., assignor to Gullett Gin Company. Cotton separator. 2,671,248, Mar. 9.
- Wallace, Lewis C., 30% to S. M. Nickey, Jr., 30% to W. J. Eason, 15% to L. D. Kellogg, and 25% to United States Steel Corp. 2,681,871, Cl. 127—1.
- Wallace Mfg. Corp., assignee: *See*—
Wallace, Edward. 2,679,096.
Wallace, Edward. 2,679,097.
- Wallace, Marcel, Port Chester, Conn. Beat frequency oscillator. 2,666,140, Jan. 12.
- Wallace, Marcel, assignor, by mesne assignments, of one-half to said Wallace doing business as Panoramic Laboratories, East Portchester, Conn. Synchrometric radar system. 2,666,198, Jan. 12.
- Wallace, Marcel, assignor, by mesne assignments, of $\frac{1}{2}$ to said Wallace, doing business as Panoramic Laboratories. 2,676,314, Cl. 340—182.
- Wallace, Marcel, assignor, by mesne assignments, of $\frac{1}{2}$ to said Wallace doing business as Panoramic Laboratories. 2,676,316, Cl. 343—6.
- Wallace, Philemon A., assignor to Bendix Aviation Corporation. 2,675,517, Cl. 322—19.
- Wallace, Richard A. 2,692,996, Cl. 10—106.
- Wallace, Richard A., Jr.: *See*—
Brown, Ralph, and Wallace. 2,697,155.
- Wallace, Robert E., Sr. 2,696,042, Cl. 30—180.
- Wallace, Robert L., Jr.: *See*—
Raisbeck, Gordon, and Wallace.
- Wallace, Robert L., Jr., to Bell Telephone Laboratories, Inc. 2,681,996, Cl. 250—36.
- Wallace, Robert L., Jr., to Bell Telephone Laboratories, Inc. 2,692,950, Cl. 250—83.3.
- Wallace, Robert L., Jr., to Bell Telephone Laboratories, Inc. 2,695,930, Cl. 179—171.
- Wallace, Robert L., Jr., Cambridge, and J. V. Ghigli, North Quincy, Mass., assignors to the United States of America as represented by the Executive Secretary of the Office of Scientific Research and Development. Interlocking switch for intercommunication systems. 2,673,894, Mar. 30.
- Wallace, Stanley. 2,683,579, Cl. 248—146.
- Wallace & Tiernan Co., Inc.: *See*—
MacKay, John R. 2,689,343.
Reiner, Laszlo. 2,680,088.
- Wallace & Tiernan Inc.: *See*—
Booth, George M. 2,683,079.
- Wallace, William D.: *See*—
Danielson, Vernon S., and Wallace. 2,687,219.
Danielson, Vernon S., and Wallace. 2,687,220.
- Wallace, William E.: *See*—
Williams, William W., Wallace, and Freyermuth.
- Wallace, William E., Winter Park, Fla. Oxygen therapy tent. 2,664,890, Jan. 5.
- Wallach, Albert A. 2,691,442, Cl. 209—1.
- Wallach, Robert S., Bernardsville, N. J., and T. E. Torkelson, Baldwin, assignors to Associated Development and Research Corporation, New York, N. Y. Calculating machine. 2,667,304, Jan. 26.
- Wallack, Sanford, Fairfield, Conn., assignor, by mesne assignments, to L. Leiberman, New York, N. Y. Combination dining furniture unit. 2,665,963, Jan. 12.
- Wallance, Donald A., and D. Bendersky; said Bendersky assor. to Midwest Research Institute. 2,696,419, Cl. 312—257.
- Wallauschek, Richard, Chromepet, Madras, India. Ultra-high-frequency attenuator with coaxial line input and output. 2,672,591, Mar. 16.
- Wallen, Frank, Chicago, Ill., assignor to Superior Sleep-rite Corporation. Headboard for beds. 2,671,910, Mar. 16.
- Wallenberg, Ned L., and J. G. Attwood, assignors to Union Special Machine Company. 2,678,013, Cl. 112—256.
- Wallenborn, Nils: *See*—
Anderson, Bror G. A., and Wallenborn. 2,685,017.
- Wallenbrock, Ralph E., and E. E. Kightly, assignors to International Harvester Company. 2,680,356, Cl. 62—141.
- Wallene, Frank O., Cleveland, Ohio. Power control apparatus. 2,671,859, Mar. 9.
- Wallenhorst, Edwin L.: *See*—
Patch, Arthur C., and Wallenhorst.
- Waller, Arne B. Re. 23,816, Cl. 151—14.
- Waller, Carl R., assignor to De Laval Steam Turbine Company, Trenton, N. J. Centrifugal pump. 2,671,406, Mar. 9.
- Waller, Erik A. 2,688,350, Cl. 144—208.
- Waller, Fred, Huntington Station, assignor, by mesne assignments, to The Henry Booth Methods Corporation, New York, N. Y. Photographically correcting the photographic images of objects. 2,664,780, Jan. 5.
- Waller, Fred, Huntington Station, assignor, by mesne assignments, to The Henry Booth Methods Corporation, New York, N. Y. Photographic apparatus for correcting negatives during printing thereof. 2,664,781, Jan. 5.
- Waller, Fred, Huntington Station, assignor, by mesne assignments, to The Henry Booth Methods Corporation, New York, N. Y. Apparatus for measuring objects by photography. 2,664,784, Jan. 5.
- Waller, Fred, and W. M. MacLaury, to The Vitarama Corp. 2,682,722, Cl. 40—152.
- Waller, George A. 2,686,861, Cl. 219—21.
- Waller, Gustav M., assignor to Burgess-Norton Mfg. Co., Geneva, Ill. Tread block for endless treads. 2,670,997, Mar. 2.
- Waller, William E., Brooklyn, and S. A. Johnson, New York, assignors to Polytechnic Research and Development Company, Incorporated, Brooklyn, N. Y. Bolometer for coaxial transmission lines. 2,667,618, Jan. 26.
- Wallerius, John, and H. E. Locey, to Sunbeam Corp. 2,683,595, Cl. 263—41.
- Wallerius, John, and J. Ade, to Sunbeam Corp. 2,684,681, Cl. 134—127.
- Wallerius, John, and H. E. Locey, to Sunbeam Corp. 2,684,769, Cl. 214—18.
- Wallerstein Company, Inc., assignee: *See*—
Gray, Philip P.

- Wallerstein, Leon, Jr., to Lord Mfg. Co. 2,685,425, Cl. 248—358.
- Wallin, Francis T. 2,691,977, Cl. 128—30.
- Wallin, Howard D. 2,696,404, Cl. 298—22.
- Wallin, Sven W.: *See—*
Allander, Claes G., and Wallin. 2,678,237.
- Wallin, Sven W., and N. G. M. de Frumerie, assignors to Aktiebolaget Svenska Flaktfabriken. 2,674,178, Cl. 98—38.
- Wallingford, Vernon H., assignor to Mallinckrodt Chemical Works. 2,677,304, Cl. 88—14.
- Wallingford, Vernon H., assignor to Mallinckrodt Chemical Works. 2,680,133, Cl. 260—518.
- Wallingford, Vernon H., F. L. Mackey, Jr., and H. L. Kelley, to Mallinckrodt Chemical Works. 2,687,838, Cl. 226—93.
- Wallis, Calvin R.: *See—*
Grassie, Vernon R., and Wallis. 2,680,737.
- Wallis, George L.: *See—*
Holden, Alfred T., and Wallis. 2,678,633.
- Walliser, Gustav: *See—*
Reich, Kurt, and Walliser. 2,682,617.
- Wallner, Rudolph, Sheboygan, Wis. Child's stroller. 2,669,460, Feb. 16.
- Wallour, Chapin: *See—*
Taylor, Charles F., Livengood, and Wallour. 2,680,431.
- Wallower, William B., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermostatic control for coffee makers. 2,667,565, Jan. 26.
- Wallquist, Clare E.: *See—*
Nelson, Donald O., and Wallquist. 2,687,658.
- Wallsgrave, Eric R.: *See—*
Reeder, Frank, and Wallsgrave. 2,680,728.
- Walmsleys (Bury) Ltd.: *See—*
Temperley, John. 2,696,150.
- Walmsley, Leslie L., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Dyeing and presetting tricot fabrics. 2,669,502, Feb. 16.
- Waloff, Dimitri: *See—*
Glenny, Arthur P., and Waloff.
- Walraven, George M., to Snap-On Tools Corp. 2,687,567, Cl. 29—270.
- Walrus Manufacturing Company, assignee: *See—*
Gray, Richard I., Jr. 2,674,510.
- Walsh, Alfred O., to Dunlop Rubber Co. Ltd. 2,690,778, Cl. 150—05.
- Walsh, Charles C.: *See—*
Meissner, John F., and Walsh. 2,677,455.
- Walsh, Clark F., Nashua, Iowa. Controlled power-operated laterally movable truck driver's seat. 2,670,987, Mar. 2.
- Walsh, Clark F. 2,693,387, Cl. 296—50.
- Walsh, Edward N.: *See—*
Woodstock, Willard H., and Walsh. 2,685,602.
- Walsh, Edward N., to Victor Chemical Works. 2,685,603, Cl. 260—543.
- Walsh, Francis J. 2,676,709, Cl. 211—27.
- Walsh, James A., to The Armstrong Rubber Co. 2,690,202, Cl. 152—209.
- Walsh, John E., assignor to United Shoe Machinery Corporation. 2,678,617, Cl. 112—127.
- Walsh, John J., St. Louis, and J. J. Dudenhofen, St. Clair, assignors of three-fourth to said Dudenhofen and one-fourth to G. R. Ericson, Kirkwood, Mo. Welt having a polygonal bead. 2,672,699, Mar. 23.
- Walsh, John S., assignor to Geo. H. Hees Son & Company, Limited. 2,679,051, Cl. 4—187.
- Walsh, John S., assignor to Geo. H. Hees Son & Company, Limited. 2,679,052, Cl. 4—187.
- Walsh, Ralph W., and E. E. Martin; said Martin assor. to said Walsh. 2,697,960, Cl. 85—5.
- Walsh, Robert, assignor to American Car and Foundry Company, New York, N. Y. Locomotive fresh water system. 2,665,705, Jan. 12.
- Walsh, Robert A., Brooklyn, N. Y. Improvement in label and label protector. 2,671,678, Mar. 9.
- Walsh, Thomas W.: *See—*
Kazial, Louis M. 2,681,052.
- Walss, Walther K., New York, N. Y. Eye movement for dolls and the like. 2,670,568, Mar. 2.
- Walstrom, John E., to California Research Corp. 2,694,179, Cl. 324—1.
- Walstrom, Stanley R.: *See—*
Kizer, Charles W., and Walstrom. 2,689,055.
- Walsweer, John: *See—*
Young, Douglass A., Lunas, and Walsweer.
- Walter, Charles T.: *See—*
Cameron, Allan M., and Walter. 2,686,604.
- Walter, Charles T. 2,697,595, Cl. 265—63.
- Walter, Edward T., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Material feeding machine. 2,665,006, Jan. 5.
- Walter, Felix, to Knapsack-Griesheim Aktiengesellschaft. 2,692,815, Cl. 23—2.
- Walter, Hellmuth, Upper Montclair, N. J. Rotary blower. 2,665,057, Jan. 5.
- Walter, Henry C., to E. I. du Pont de Nemours and Co. 2,692,250, Cl. 260—45.9.
- Walter, John M., to The G. A. Gray Co. 2,685,727, Cl. 29—1.
- Walter, Leonard G., Jr., to International Harvester Co. 2,688,733, Cl. 339—4.
- Walter, Lewis A., to Maltble Laboratories, Inc. 2,684,962, Cl. 260—239.
- Walter, Maurice. 2,687,223, Cl. 214—86.
- Walter, Otto L., trustee, assignee: *See—*
Luckhardt, Johannes.
Luckhardt, Johannes. 2,679,284.
Luckhardt, Johannes. 2,679,285.
Luckhardt, Johannes. 2,679,286.
- Walter, Robert J., and E. J. Boeck, to Truck Equipment Co., Inc. 2,693,354, Cl. 267—56.
- Walter, Wilhelm, and F. Pietruska. 2,684,678, Cl. 131—66.
- Walters, Alfred E., Seattle, Wash. Carver. 2,672,685, Mar. 23.
- Walters, Emmett L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for bending glass. 2,671,988, Mar. 16.
- Walters, Ernest L.: *See—*
Busso, Charles J., and Walters.
- Walters, Francis M., Jr., and I. R. Kramer. 2,683,677, Cl. 148—21.54.
- Walters, Gustav, Middletown, Conn. Means for and method of making woven-endless tubular fabric. 2,672,163, Mar. 16.
- Walters, Gustav, Middletown, Conn. Woven endless belt. 2,672,168, Mar. 16.
- Walters, Gustav, Middletown, Conn. Woven endless belt. 2,672,169, Mar. 16.
- Walters, Gustav, Middletown, Conn. Abrasive belt. 2,672,715, Mar. 23.
- Walters, Gustav, and E. F. Gatzke, assignors to The Russell Manufacturing Company, Middletown, Conn. Loom harness-strap. 2,664,922, Jan. 5.
- Walters, Gustav, and H. C. Morton, assignors to The Russell Manufacturing Company. 2,676,125, Cl. 154—81.
- Walters, Gustav, and H. C. Morton, assignors to The Russell Manufacturing Company. 2,676,126, Cl. 154—81.
- Walters, Gustav, and E. F. Gatzke, to The Russell Mfg. Co. 2,681,223, Cl. 267—47.
- Walters, Lyman, to Jacob Boltz Knitting Mill, Inc. 2,697,226, Cl. 2—224.
- Walters Mfg. Co.: *See—*
Masengill, William W. 2,694,482.
- Walters, Nial F., to the United States of America as represented by the Secretary of the Air Force. 2,683,930, Cl. 30—91.
- Walters, Richard H., 50% to F. J. Clack. 2,692,440, Cl. 33—214.
- Walters, Theodore M., Easton, Pa. Centrifugal pulp cleaning and screening apparatus. 2,672,238, Mar. 16.
- Walters, Walter B. 2,690,759, Cl. 137—494.
- Walters, William F.: *See—*
Sickles, Royal F., and Walters. 2,692,355.
- Walther, Hanns, assignor to Nabenfabrik Alfing Kessler. 2,676,499, Cl. 77—1.
- Walther, Philip J.: *See—*
Vahlstrom, Carl A., and Walther.
- Walther, Roy P., assignor to Rodon Corporation. 2,678,149, Cl. 223—92.
- Walther, Max, to Landis & Gyr, A. G. 2,688,683, Cl. 219—20.
- Walti, Alphonse. 2,694,032, Cl. 195—66.
- Walton, Frank: *See—*
Ellenberger, Kenneth E. 2,693,958.
- Walton, George M., assignor to Air-Maze Corporation. 2,679,320, Cl. 210—168.
- Walton, Grant F., Medford Lakes, assignor of five percent to W. Anderson, New Brunswick, N. J. Hand grenade holder. 2,670,886, Mar. 2.
- Walton, Richard R. 2,685,822, Cl. 89—44.
- Walton, Robert O., Corpus Christi, Tex. Straight line choke valve. 2,672,159, Mar. 16.
- Walton, Thomas H.: *See—*
Fuller, James M., and Walton. 2,676,108.
- Waltz, Edward W., to The E. O. Bulman Mfg. Co., Inc. 2,684,224, Cl. 248—243.
- Waltz, Maynard C.: *See—*
Davis, Gustoff W., and Waltz. 2,694,040.
- Walworth, Clarence B.: *See—*
Winterburn, George A., Walworth, and Lawrence.
- Walworth Co.: *See—*
Daugirdas, Kristupas. 2,691,195.
Daugirdas, Kristupas. 2,694,240.
Davis, Ralph P. 2,695,431.
Krummel, Frederick J. 2,690,765.
- Walz, Claude W.: *See—*
Bozeman, Virgil F., Sr., Walz, Griff, and Clausen.
- Walz, Rudolph, Fayson Lakes, assignor to J. H. Schara, Inc., Orange, N. J. Spot detector. 2,667,552, Jan. 26.
- Wambreuze, Ovide, Brussels, Belgium. Furnace for annealing glass. 2,669,068, Feb. 16.
- Wampach, Aloyse N. 2,694,294, Cl. 61—73.
- Wampler, Robert R. 2,682,609, Cl. 250—33.
- Wampole, Raymond C.: *See—*
Pierce, Earl W., and Wampole. 2,685,060.
- Wandel, Harry: *See—*
Perilstein, Harold A., and Wandel. 2,674,043.
- Wander, Dr. A., A. G.: *See—*
Husemann, Elfriede, Westphal, and Kickhöfen. 2,689,848.
- Schaltegger, Hermann.
- Wandroik, Walter C. 2,681,242, Cl. 291—33.
- Wandscheer, John. 2,686,020, Cl. 244—40.
- Wanek, Otto: *See—*
Swenson, Marcus O. and P. F. 2,692,759.

- Wang, Chao C.: *See*—
Rich, Charles E., and Wang. 2,687,490.
- Wangel, Jürgen A., assignor to Aktiebolaget Pharmacia. 2,674,614, Cl. 260—455.
- Wangelin, Don J.: *See*—
Proctor, Ronald R., and Wangelin. 2,679,182.
- Wangsgard, Clarence O. 2,675,752, Cl. 97—47.44.
- Wanish, George G. 2,682,660, Cl. 2—30.
- Wankat, Charles: *See*—
Pankonin, Willard F. 2,695,181.
- Wankat, Charles, Brookfield, assignor to Universal Oil Products Company, Des Plaines, Ill. Manufacture of spherical particles. 2,672,452, Mar. 16.
- Wankat, Charles, Brookfield, assignor to Universal Oil Products Company, Des Plaines, Ill. Manufacture of spherical particles. 2,672,453, Mar. 16.
- Wannamaker, William H., Jr., to Minneapolis-Honeywell Regulator Co. 2,681,431, Cl. 318—29.
- Wannamaker, William H., Jr., to Minneapolis-Honeywell Regulator Co. 2,685,645, Cl. 250—27.
- Wannamaker, William H., Jr., to Minneapolis-Honeywell Regulator Co. 2,687,504, Cl. 318—28.
- Wannamaker, William H., Jr., and G. Ehrenberg, to Minneapolis-Honeywell Regulator Co. 2,694,193, Cl. 340—187.
- Wannamaker, William H., Jr., and G. C. Mayer, to Minneapolis-Honeywell Regulator Co. 2,697,191, Cl. 318—28.
- Wappner, Ralph C., assignor to The Ohio Thermometer Company, Inc., Springfield, Ohio. Thermometer. 2,667,073, Jan. 26.
- War, United States of America as represented by the Secretary of: *See*—
Bachmann, Werner E. 2,680,671.
Baker, James G. 2,685,230.
Baker, James G. 2,694,959.
Bent, Leavitt N. 2,691,192.
Caldwell, Wallace C. 2,688,120.
Chance, Britton, and Greenwood.
Clapp, James K., Spaulding, and Watt.
Cleveland, Charles H., and Biloudeau. 2,689,504.
Clogston, Albert M., and Smith.
Close, Richard N. 2,678,441.
Cooper, Lyle M.
Cunningham, Fredric, Jr., and Emslie.
Dicke, Robert H.
Dicke, Robert H. 2,682,036.
Dicke, Robert H. 2,697,826.
Falkof, Melvin M., Witten, and Gehauf. 2,678,260.
Fisher, Howard J., MacDougall, and Kistiakowsky.
Forbes, Gordon D. 2,690,510.
Fox, Benjamin. 2,684,478.
Gehauf, Bernard, and Falkof. 2,689,831.
Golden, Sidney. 2,696,710.
Goldmark, Peter C. 2,695,360.
Graham, Earl W. 2,681,155.
Gross, William E.
Gross, William E., Hale, and Brown.
Guenther, Edgar G., and Burton.
Halpern, Julius, and Ramsey.
Hammett, Robert L. 2,680,223.
Harvey, Earle M. 2,690,095.
Havens, Byron L., and Lentz. 2,693,315.
Havens, Byron L., and Walker.
Haworth, Leland J. 2,682,657.
Hollingsworth, Lowell M.
Hope, William D.
Howes, Douglas E. 2,697,780.
Hulstede, George E., and Stephenson.
Hutchinson, Franklin.
Johnson, John R., Blomquist, and Fiedorek. 2,683,165.
Kell, Robert M., and Thomas. 2,686,160.
Kraus, John D.
Liljegren, Lyle K. 2,697,400.
Lipkin, Harry J., and Grambsch. 2,679,043.
Longacre, Andrew. 2,682,048.
Macy, Rudolph.
McConnell, Robert A. 2,678,439.
McMullen, Charles G. 2,679,042.
Miller, George E., Faber, and Reeves.
Musser, Clarence W. 2,696,760.
O'Day, Marcus D. 2,677,818.
Pound, Robert V. 2,681,998.
Price, Charles C., Bullitt, Hudson, and Buswell. 2,691,626.
Prince, Leon M., Jr., and Willke. 2,678,603.
Proctor, Warren G. 2,680,809.
Puckett, Allen E. 2,677,274.
Purcell, Edward M.
Riblet, Henry J., and Spencer. 2,689,305.
Risser, Jacob R. 2,689,303.
Robinson, Carl C., and Tull. 2,677,758.
Schreiner, Kenneth E. 2,678,438.
Sherr, Rubby.
Simerl, Linton E. 2,681,307.
Simpson, Clarence E.
Smith, Nicholas M., Jr. 2,691,761.
Spaulding, Wallace P. 2,697,325.
Sydoriak, Stephen G.
Van Atta, Lester C.
Ware, Harold. 2,679,580.
Watt, Bob E. 2,678,440.
- Warburton, W. J., Associates, Inc., assignee: *See*—
Slater, Raymond E. 2,675,928.
- Ward Canning Company, assignee: *See*—
Ward, John W. 2,675,663.
- Ward, Clemson H., and H. K. Young, to Bethlehem Steel Co. 2,695,515, Cl. 73—37.
- Ward, Curtis E., assignor to Collins Radio Company, Cedar Rapids, Iowa. High powered wave guide load. 2,669,696, Feb. 16.
- Ward, Edgar: *See*—
Consoldane, Anthony V., Jones, Kirinec, and Ward. 2,678,230.
- Ward, Edgar A., to American Locomotive Co. 2,691,299, Cl. 73—118.
- Ward, Eugene B., West Springfield, Mass. Foot supporting device. 2,668,375, Feb. 9.
- Ward, George R., assignor to British Insulated Callender's Cables Limited. 2,678,986, Cl. 201—63.
- Ward, Harold F.: *See*—
Anderson, James T., and Ward. 2,676,894.
- Ward, Henry N., Klemme, Iowa. Power transmission unit for use with tractor power take-offs. 2,667,787, Feb. 2.
- Ward, Howard L., Evansville, Ind. Peg and ring game apparatus. 2,666,642, Jan. 19.
- Ward, Hugh C., and J. L. Pettus, to Radio Corp. of America. 2,687,884, Cl. 271—2.3.
- Ward, Irving A.: *See*—
Bletcher, Ralph E., and Ward. 2,675,218.
Bletcher, Ralph E., and Ward. 2,687,917.
- Ward, J. Frank: *See*—
Davis, Calvin V., Harza, and Ward.
- Ward, John W.: *See*—
Bledsoe, William K., and Ward. 2,694,180.
- Ward, John W., assignor to Ward Canning Company. 2,675,663, Cl. 56—130.
- Ward, Lawrence T., Philadelphia, Pa., assignor, by mesne assignments, to C. C. Trelease, Newark, N. J., as trustee. Fluid dispenser. 2,666,667, Jan. 19.
- Ward, Lawrence T., to C. C. Trelease, as trustee. 2,690,279, Cl. 222—394.
- Ward Leonard Electric Co.: *See*—
Bastian, Arthur L., and Rapisarda. 2,693,558.
- Ward, Leslie J., to The English Electric Co. Ltd. 2,682,773, Cl. 74—5.4.
- Ward Machine Company, Inc., assignee: *See*—
Arey, Ralph G.
- Ward, Mark E., assignor to Surface Combustion Corporation. 2,675,869, Cl. 158—118.
- Ward, Michael F., to The Cincinnati Butchers' Supply Co. 2,694,426, Cl. 146—189.
- Ward, Patrick C., San Francisco, Calif. Engine. 2,665,668, Jan. 12.
- Ward, Peter W., to The General Electric Co. Ltd. 2,685,646, Cl. 250—27.
- Ward, Peter W., Wembley, and D. F. Bowman, Hendon, London, assignors to The General Electric Company Limited, London, England. Pulse widening apparatus. 2,668,248, Feb. 2.
- Ward, Robert I. 2,692,352, Cl. 317—28.
- Ward, Wayne A., Watertown, N. Y. Dispensing cap for containers. 2,673,777, Mar. 30.
- Ward, William C., to The Norwich Pharmacal Co. 2,693,438, Cl. 167—84.
- Ward, William L.: *See*—
Grant, Edward D., and Ward. 2,692,524.
Ward, William P. 2,679,230, Cl. 116—138.
- Ward, William T.: *See*—
Senior, Henry, Hensman, and Ward. 2,675,644.
- Ward, Woodrow W. 2,695,542, Cl. 82—4.
- Wardwell Braiding Machine Company, assignee: *See*—
Shulver, Louis, and Arnold.
- Ware, Ben F., to The Ajax Mfg. Co. 2,689,360, Cl. 10—76.
- Ware, Cecil. 2,694,452, Cl. 166—129.
- Ware, Cecil. 2,696,886, Cl. 166—124.
- Ware, Denis E.: *See*—
Pickard, Sydney J., and Ware. 2,693,150.
- Ware, Harold, assignor to the United States of America as represented by the Secretary of War. 2,679,580, Cl. 250—15.
- Ware, Le Roy, Richmond, assignor to Perfect Circle Corporation, Hagerstown, Ind. Machine for making shims. 2,669,891, Feb. 23.
- Ware, Marsden, assignor to Packard Motor Car Company. 2,674,220, Cl. 115—37.
- Ware, Robert R., Jr., to Chicago Roller Skate Co. 2,689,769, Cl. 301—5.7.
- Ware, Walter, to Chicago Roller Skate Co. 2,689,743, Cl. 280—11.28.
- Warf, Bernard W. 2,684,641, Cl. 104—263.
- Warholoski, August. 2,682,825, Cl. 97—227.
- Waring, Robert K., and L. D. Fetterolf, to The New Jersey Zinc Co. 2,693,410, Cl. 75—14.
- Wark, James G. 2,695,781, Cl. 268—59.
- Wark, John D.: *See*—
Metzler, Charles L., Wark, and Bowen. 2,681,185.
- Warmbrodt, Frank. 2,681,756, Cl. 223—104.
- Warme, Clarence H., to Technicolor Motion Picture Corp. 2,681,618, Cl. 101—407.
- Warmoes, Jean J., and L. A. A. J. Closkin. 2,688,884, Cl. 74—470.
- Warmoltz, Nicolaas, to Hartford National Bank and Trust Co. 2,686,888, Cl. 313—233.

- Warmon, Nils M.: *See*—
Fagerberg, Sven G., and Warmon.
- Warmon, Nils M., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Refrigeration apparatus and method employing cold accumulator. 2,664,716, Jan. 5.
- Warn, Arthur M. 2,684,140, Cl. 192—48.
- Warnberg, Archie E. 2,695,617, Cl. 131—10.
- Warne, Theodore R., 1/2 to W. J. Green. 2,697,949, Cl. 74—513.
- Warnecke, Robert, and D. Charles, assignors to Compagnie Generale de Telegraphie Sans Fil. 2,680,825, Cl. 315—3.
- Warnecke, Robert, and W. Kleen, to Compagnie Generale De Telegraphie Sans Fil. 2,681,951, Cl. 179—171.
- Warnecke, Robert, J. Bernier, P. Guénard, and W. Kleen, to Compagnie Generale de Telegraphie Sans Fil. 2,687,777, Cl. 315—3.
- Warner, Clyde J., assignee: *See*—
Dolen, Alfred K.
- Warner, Donald T.: *See*—
Renfrew, Malcolm M., and Warner. 2,690,456.
- Warner Electric Brake & Clutch Co.: *See*—
Anderson, Norman K. 2,695,687.
Decker, Andrew H., Modersohn, and Palmer. 2,697,802.
Mason, James A., and Kraepelin. Re. 23,902.
Mason, James A., and Palmer. 2,692,353.
Meyer, Arthur A. 2,690,819.
Myers, Philip E. 2,684,744.
- Warner, Elmer L.: *See*—
Hoff, John M., and Warner. 2,693,232.
- Warner, Ernest D. 2,697,539, Cl. 220—55.
- Warner, George E., assignor of 37% to J. H. Reid, 33% to J. C. Woodson, and 30% to J. L. Brackin. 2,675,541, Cl. 340—213.
- Warner, Homer C., to The Lees-Bradner Co. 2,681,597, Cl. 90—59.
- Warner-Hudnut, Inc.: *See*—
Leonard, Frederick. 2,684,368.
Leonard, Frederick. 2,684,369.
Leonard, Frederick. 2,684,370.
Leonard, Frederick. 2,686,186.
- Warner, Jack M.: *See*—
Biordi, Albert S., and Warner.
- Warner, John E. 2,698,052, Cl. 160—93.
- Warner, Samuel W. 2,675,454, Cl. 219—4.
- Warner & Swasey Co., The: *See*—
Darash, Nicholas P. 2,693,830.
Fisher, John. 2,695,635.
Oldenkamp, Henry A. 2,684,159.
Schoepe, Harry, and Spreitzer.
Schuman, Ralph H.
Schuman, Ralph H., and Treer. 2,694,755.
- Warner & Swasey Research Corp., The: *See*—
Tandler, William S. 2,697,889.
Tandler, William S., Walker, and Grossman. 2,697,879.
- Warner, Wendell S. 2,693,796, Cl. 128—33.
- Warner, William D.: *See*—
Meltzer, Henry E. and H. E., and Warner. 2,683,939.
- Warner Bros. Pictures, Inc.: *See*—
Gibbons, James A. 2,674,544.
Gibbons, James A. 2,678,273.
Mueller, William A. 2,685,224.
Ryan, Byron F.
- Warnick, George N. 2,677,941, Cl. 62—102.
- Warne, Herbert R., to United States Instrument Corp. 2,694,756, Cl. 200—11.
- Warns, Henry J.: *See*—
Warns, Jerome L. and H. J. 2,682,408.
- Warns, Jerome L. and H. J., to Indoor Golf Co. 2,682,408, Cl. 273—87.
- Warp Compressing Machine Co.: *See*—
Javery, Frank B., and Longvall. 2,682,378.
- Warren, Almon V., and T. J. Higgins, Jr., to American Viscose Corp. 2,691,600, Cl. 106—166.
- Warren Automatic Tool Co.: *See*—
Conner, Ray E. 2,696,111.
Stern, Lynn W. 2,688,249.
- Warren, Charles F., assignor, by mesne assignments, to C. F. Warren, Jr. 2,676,464, Cl. 60—54.5.
- Warren, Charles F., Jr., assignee: *See*—
Warren, Charles F. 2,676,464.
- Warren, Charles S.: *See*—
Saltz, Julian, and Warren. 2,691,156.
- Warren, Fred H. 2,692,502, Cl. 73—422.
- Warren, George B.: *See*—
Cory, Ellwood R., and Warren. 2,684,429.
- Warren, Horace G., to Consolidated Vacuum Corp. 2,683,614, Cl. 285—165.
- Warren, Horace G., to Consolidated Vacuum Corp. 2,684,195, Cl. 230—101.
- Warren, Horace G., and J. H. Black, assignors, by mesne assignments, to Consolidated Vacuum Corporation. 2,678,761, Cl. 226—20.1.
- Warren, J. C., Corporation, assignee: *See*—
Goodwin, Thomas. 2,680,025.
- Warren, James W.: *See*—
Broekhuysen, William C., and Warren.
- Warren, John C. R., to Union Carbide & Carbon Corp. 2,694,625, Cl. 71—2.6.
- Warren, Madden M., Atlanta, assignor of one-half to G. M. Kirby, College Park, Ga. Rotary mower blade. 2,669,084, Feb. 16.
- Warren, Paul G., to the United States of America as represented by the Secretary of the Army. 2,690,841, Cl. 209—114.
- Warren Petroleum Corp.: *See*—
Brennan, Gerald L. 2,683,552.
Jernigan, Elzie F. 2,697,934.
- Warren, Robert C., to J. P. Fox. 2,694,211, Cl. 15—127.
- Warren, Ronald G., S. Kowalshyn, L. S. Radkowski, and H. E. Elberman, Jr., Sharon, Pa., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Mounting means for gyroscopes. 2,672,054, Mar. 16.
- Warren, S. D., Co.: *See*—
Brinnick, Frederic E. 2,692,827.
Ellis, Robert S. 2,696,151.
Leighton, Philip S. 2,678,890.
Stinchfield, John C., and Kaulakis. 2,685,538.
Stinchfield, John C., and Kaulakis. 2,685,571.
Thomas, Joseph J. 2,676,118.
Worthen, Stephen V., and Van Dusen. 2,681,617.
- Warren, Samuel D.: *See*—
Lilienfeld, Julius E.
Lilienfeld, Julius E. 2,685,053.
Lilienfeld, Julius E. 2,686,892.
- Warren, Scott. 2,685,314, Cl. 146—57.
- Warren, William B.: *See*—
Childers, Spencer L., and Warren.
Childers, Spencer L., and Warren. 2,693,300.
- Warrick, Charles F. 2,684,793, Cl. 222—567.
- Warrick, Frederick P.: *See*—
Petch, Charles L., and Warrick. 2,687,910.
- Warrick, Leland K., Muskegon Heights, and F. E. La Flame, Spring Lake, Mich., assignors to Borg-Warner Corporation, Chicago, Ill. Compressor. 2,670,894, Mar. 2.
- Warrick, Thurlow J., assignor to General Electric Company. 2,679,012, Cl. 290—31.
- Warsaw, Charles E. 2,681,146, Cl. 209—157.
- Warshaver, Milton H., to Slumberland Products Co. 2,692,009, Cl. 155—114.
- Warshaw, Abe. 2,688,572, Cl. 127—54.
- Warshaw, Nathan, to Atlantic Gummed Paper Corp. 2,684,316, Cl. 154—53.6.
- Warshaw, Nathaniel, Brookline, assignor to Market Forge Company, Everett, Mass. Lifting truck. 2,664,970, Jan. 5.
- Wartel, William S.: *See*—
Kopelman, Bernard, and Wartel. 2,688,032.
- Warwick, R. E.: *See*—
Jones, Leonard. 2,680,870.
Jones, Leonard. 2,685,702.
Jones, Leonard. 2,691,185.
- Wasalaski, Barney J., assignor to Nickle Engineering. 2,675,182, Cl. 241—293.
- Waschek, Frank. 2,675,046, Cl. 152—39.
- Wasem, Leslie F.: *See*—
Greenwalt, Lowell G. 2,685,451.
- Washbourne, Robert C., and J. A. Sellas. 2,677,926, Cl. 56—8.
- Washburn, Clayton A., to the United States of America as represented by the Secretary of the Navy. 2,681,411, Cl. 250—27.
- Washburn Co., The: *See*—
Dennis, E. Lucian. 2,695,708.
- Washburn, Ernest L., to Illinois Development Laboratories.
- Washex Machinery Corp.: *See*—
Landon, Steven. 2,685,188.
- Washington Brick Co., The: *See*—
Zevely, Thomas K. 2,686,950.
- Washken, Edward: *See*—
Buerger, Martin J., and Washken. 2,687,364.
- Wasinger, Leonard J., assignor to Trego Manufacturing Company, Inc. 2,679,433, Cl. 298—19.
- Waskosky, Theodore F., and H. B. Dilly, Henning, Minn. Centrifugal pump. 2,670,687, Mar. 2.
- Wasner, Karl: *See*—
Antoine, Tassilo, Grünberger, Kodai, Wasner, and Kenzian. 2,697,431.
- Wassberg, Frank R., Coleraine, Minn. Centrifugal de-watering machine. 2,670,850, Mar. 2.
- Wassef, Atalla M., Giza (Ormon), Egypt. Apparatus for effecting a desired sequence of operations. 2,665,067, Jan. 5.
- Wassell, Frank L., to G. P. Wassell. 2,687,732, Cl. 129—16.
- Wassell, Georgene P.: *See*—
Wassell, Frank L. 2,687,732.
- Wassem, Howard M., and J. J. Robinson, Jr. 2,675,689, Cl. 67—7.1.
- Wasserkrug, Samuel. 2,679,767, Cl. 74—526.
- Wasserman, David, Irvington, N. J., assignor to The Harvel Corporation. Glycidyl ethers of condensation products of certain aromatic hydroxy compounds with phenols having unsaturated hydrocarbon side chains. 2,665,266, Jan. 5.
- Wasserman, Harry H.: *See*—
Humphrey, Bingham J., and Wasserman.
- Wasserman, Max. 2,693,156, Cl. 108—16.
- Wasserman, René D., to Eutectic Welding Alloys Corp. 2,684,312, Cl. 148—24.
- Wassermann, Albert. 2,692,254, Cl. 260—78.4.
- Wassmer, Judy L., New York, N. Y. Dispensing applicator for artificial eyelashes and the like. 2,667,176, Jan. 26.

- Wasson, Jones I., Union, and D. L. Bonham, South Orange, N. J., assignors to Standard Oil Development Company. Rust preventive compositions. 2,672,444, Mar. 16.
- Wasson, Louis F., Tacoma, Wash. Device for dropping creamy substances in making candy wafers. 2,672,830, Mar. 23.
- Waste Conditioning, Inc.: *See*—
Vanden Berg, John C. 2,688,777.
- Wasyluka, Paul: *See*—
Erskine, Frank G., and Wasyluka. 2,690,287.
- Waszak, Birney. 2,679,269, Cl. 143—60.
- Waterbury Corrugated Container Co.: *See*—
Dawson, Kenwood S. 2,690,286.
- Waterbury Farrel Foundry and Machine Co., The: *See*—
Schaeffer, Joseph M., and Hoyt. 2,689,361.
- Waterbury Farrel Foundry & Machine Co., Inc., The: *See*—
Candee, Zenas P. 2,690,239.
- Waterbury, Julius C. 2,693,264, Cl. 193—7.
- Waterhouse, Robert W. 2,675,612, Cl. 30—16.
- Waterloo Corporation, assignee: *See*—
Cunningham, George L. 2,679,489.
- Waterman, Hein I.: *See*—
Fortuin, Jan P., and Waterman.
- Waterman, Howard L., to International Harvester Co. 2,694,283, Cl. 56—208.
- Waterman, Neil S. 2,692,698, Cl. 220—41.
- Waterman, Neil S. 2,695,723, Cl. 220—4.
- Waterman, Russell R. 2,679,832, Cl. 122—451.1.
- Watrous Co.: *See*—
Hill, Robert A., and Thomas. 2,683,420.
- Thomson, Leroy A.
- Waters, Daniel V.: *See*—
Hicks, William T., and Waters. 2,674,414.
- Magnuson, Clarence E., and Waters. 2,682,997.
- Waters, Harold A., G. A. Tanner, and H. D. North, Jr., to The Engine Parts Mfg. Co. 2,690,355, Cl. 299—41.
- Waters, Harry F. 2,693,174, Cl. 123—90.
- Waters, Herbert H.: *See*—
Stevens, Horace D., and Waters.
- Waters, Robert A., Inc., assignee: *See*—
Reswick, James B.
- Waters, Wilbur W. 2,691,319, Cl. 84—240.
- Water Service Laboratories, Inc.: *See*—
Schuldener, Henry L. 2,681,149.
- Waterson, Arthur P., to Perrault Bros. 2,687,880, Cl. 266—23.
- Waterson, Arthur P., to The R. K. Le Blond Machine Tool Co. 2,691,913, Cl. 82—14.
- Waterstreet, Roy W. 2,675,991, Cl. 254—173.
- Waterstreet, Roy W. 2,688,909, Cl. 97—47.83.
- Waterval, William. 2,691,356, Cl. 115—37.
- Waterworth, Eric N., and W. T. Robinson. 2,692,531, Cl. 88—29.
- Watkins, Charles A.: *See*—
Wright, John G., Toney, Watkins, Sudan, and Maxwell. 2,684,490.
- Watkins, Charles H.: *See*—
De Rosset, Armand J., and Watkins.
- Watkins, Charles H., to Universal Oil Products Co. 2,687,783, Cl. 183—114.2.
- Watkins, Edwin R. 2,689,571, Cl. 129—16.7.
- Watkins, George B.: *See*—
Gaiser, Romey A., and Watkins. 2,674,743.
- Watkins, Harold F. 2,677,402, Cl. 146—3.
- Watkins, Ivan S., $\frac{1}{2}$ to O. L. Miller. 2,689,106, Cl. 251—200.
- Watkins, James W., assignor to The Strathmore Company, Aurora, Ill. Writing device. 2,669,791, Feb. 23.
- Watkins, John E., Maywood, and M. B. Mathews, Chicago, Ill. Apparatus for draining and washing granular material. 2,667,881, Feb. 2.
- Watkins, Lucius D., to Outboard, Marine & Mfg. Co. 2,682,259, Cl. 123—73.
- Watkins, Lucius D., to Outboard, Marine & Mfg. Co. 2,691,703, Cl. 200—31.
- Watkins, Lucius D., to Outboard, Marine & Mfg. Co. 2,692,589, Cl. 123—185.
- Watkins, Lucius D., and F. T. Irgens, assignors to Outboard, Marine & Manufacturing Company. 2,675,789, Cl. 123—41.13.
- Watkins Patents, Inc., assignee: *See*—
Frear, Jenness B.
- Watkins, Robert B.: *See*—
Dessart, Franklyn M., Cuming, Becker, and Watkins. 2,684,104.
- Watkins Surgical Corporation, assignee: *See*—
De Mott, Jerome. 2,678,042.
- Watkins, Thomas E., to Socony-Vacuum Oil Co., Inc. 2,691,630, Cl. 252—8.5.
- Watkins, William C. 2,680,269, Cl. 20—40.5.
- Watkinson, Eric, Denistone, near Sydney, assignor to Amalgamated Wireless (Australasia) Limited, Sydney, New South Wales, Australia. Volume control arrangement for radio receivers. 2,673,255, Mar. 23.
- Watliff Company Limited, assignee: *See*—
Roberts, Llewellyn G., Webb, and Ramsey. 2,674,784.
- Watrous Corp.: *See*—
Watrous, Winston S. 2,697,322.
- Watrous, Winston S., Milwaukee, Wis. Lawn mower of the rotating sickle type. 2,669,826, Feb. 23.
- Watrous, Winston S., to Watrous Corp. 2,697,322, Cl. 56—295.
- Watson, Albert T.: *See*—
Hastings, Sam H., Anderson, and Watson. 2,693,495.
- Watson, Byron M. 2,686,193, Cl. 260—428.
- Watson, Carlisle V., Auburn, Maine. Form-fitting sock lining. 2,672,698, Mar. 23.
- Watson, Claude W., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Producing a synthesis gas. 2,671,013, Mar. 2.
- Watson, Claude W., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Producing a synthesis gas. 2,671,014, Mar. 2.
- Watson, Claude W., to The Texas Co. 2,690,449, Cl. 260—449.6.
- Watson, Clement H. 2,682,709, Cl. 33—80.
- Watson, Edmund A.: *See*—
Sheffer, John W., Watson, and Schanz. 2,680,420.
- Watson, Edmund A., Ridgewood, and G. L. Preston, Montclair, N. J., assignors to American Car and Foundry Company, New York, N. Y. Tool holding block. 2,669,149, Feb. 16.
- Watson, Edward F.: *See*—
Hysko, John L., Ostendorf, Rea, and Watson. 2,683,189.
- Watson, Edward I. 2,680,988, Cl. 86—23.
- Watson, Forrest J., to Shell Development Co. 2,686,760, Cl. 252—75.
- Watson, George F., to The Christensen Machine Co. 2,697,281, Cl. 33—143.
- Watson, Henry R., J. Morris, and H. J. Staite, Coventry, assignors to Sir W. G. Armstrong Whitworth Aircraft Limited, Baginton, England. Balancing of aircraft control columns. 2,667,315, Jan. 26.
- Watson, James F., to Western Home Products Co. 2,681,169, Cl. 222—162.
- Watson, John T.: *See*—
Stuart, Gerald H., Howard, Watson, Clickner, and Sommer. 2,682,469.
- Watson, John W., to John Warren Watson Co. 2,694,568, Cl. 267—49.
- Watson, John Warren, Co.: *See*—
Watson, John W. 2,694,568.
- Watson, Kenneth: *See*—
Pullin, Cyril G., and Watson. 2,692,650.
- Shapiro, Jacob S., and Watson. 2,686,019.
- Watson, Kenneth E., assignee: *See*—
Rice, Leonard H. 2,674,146.
- Watson, Leland A., to The Maico Co., Inc. 2,696,527, Cl. 179—107.
- Watson, Lester H., to The Brunswick-Balke-Collender Co. 2,693,034, Cl. 33—174.
- Watson Manufacturing Company, Inc., assignee: *See*—
Spindler, Norman J., and Peterson.
- Watson, Menard J., to Solar Mfg. Corp. 2,692,090, Cl. 242—56.
- Watson, Nora B. 2,692,526, Cl. 84—472.
- Watson, Paul R.: *See*—
Wolff, Ivan A., and Watson.
- Watson, Ralph M., assignor to Worthington Corporation. 2,678,606, Cl. 103—108.
- Watson, Richard E.: *See*—
Williams, Albert J., Jr., and Watson.
- Watson, Robert A., and G. E. Riemann. 2,679,302, Cl. 188—31.
- Watson, Robert H.: *See*—
Douma, Tjiske, and Watson. 2,690,535.
- Watson, Roger W.: *See*—
Mixon, Lawson W., and Watson.
- Watson, Roger W., to Standard Oil Co. 2,688,612, Cl. 260—139.
- Watson, Roger W., and L. W. Mixon, to Standard Oil Co. 2,686,204, Cl. 260—593.
- Watson, Romaine E., Los Angeles, J. R. Boston, West Los Angeles, and C. Lehmeier, Santa Monica, Calif., assignors to Metalflo Corporation. Piston or like cup-shaped article. 2,667,390, Jan. 26.
- Watson, Thomas F.: *See*—
Cutsinger, Elie, and Watson. 2,683,991.
- Watson, Thomas E., to Allen Warner Co. 2,681,497, Cl. 28—35.
- Watson, Thomas E. 2,690,312, Cl. 242—124.
- Watson, Thomas S., to Huebsch Mfg. Co. 2,685,189, Cl. 68—242.
- Watson, William H., and J. Osbaldeston, assignors to T. M. M. (Research) Limited, Helmsshore, England. Silver coil apparatus. 2,666,959, Jan. 26.
- Watson, William S. 2,691,979, Cl. 128—84.
- Watson-Williams Manufacturing Company, assignee: *See*—
Blanchard, Joseph E.
- Watt, Bob E.: *See*—
Clapp, James K., Spaulding, and Watt.
- Watt, Bob E., assignor, by mesne assignments, to United States of America as represented by the Secretary of War. 2,678,440, Cl. 343—7.7.
- Watt, David J.: *See*—
Brill, William E., Glasenapp, and Watt. 2,698,013.
- Watt, Loyd B., Spokane, Wash. Support means for serving trays. 2,670,260, Feb. 23.
- Watt, William A., assignor to Hammond Furniture Co. Ltd., Vancouver, British Columbia, Canada. Bed couch with hinge concealing arms. 2,672,626, Mar. 23.
- Watter, Michael, to The Budd Co. 2,685,261, Cl. 105—133.
- Watters, Albert P.: *See*—
Coleman, Roy A., and Watters. 2,693,970.

- Watters, Gilbert S., Davenport, Iowa. Securing device. 2,668,729, Feb. 9.
- Watters, Willard A. 2,695,584, Cl. 114—43.
- Wattler, Wilhelm. 2,688,838, Cl. 59—34.
- Watts, Chester B., Jr.: *See*—
Setzer, Logan E., and Watts, Jr. 2,689,345.
- Watts, Claude H.: *See*—
Moore, Thomas E., and Watts. 2,680,890.
- Watts, Claude H., Jr., assignor to Pre-Vest, Inc. 2,675,322, Cl. 106—38.3.
- Watts, George: *See*—
Ball, John S., Lockwood, and Watts. 2,689,688.
- Watts, George A., to The Babcock & Wilcox Co. 2,697,508, Cl. 198—65.
- Watts, Leland B. 2,695,804, Cl. 292—213.
- Watts, Lillian M.: *See*—
Ball, John S., Lockwood, and Watts. 2,689,688.
- Watts Regulator Co.: *See*—
Dillon, Wendell M. 2,694,415.
- Watts, Rhea N., and C. F. Gray, Baton Rouge, La., assignors to Standard Oil Development Company. Hydrocarbon synthesis process. 2,670,365, Feb. 23.
- Watts, Rhea N., R. W. Krebs, and S. C. Lane, to Standard Oil Development Co. 2,684,986, Cl. 260—604.
- Watts, Russell E., to Fleming & Sons, Inc. 2,691,499, Cl. 248—120.
- Watts, William S., to Aircraft Marine Products, Inc. 2,691,145, Cl. 339—217.
- Watts, William S., to Aircraft-Marine Products, Inc. 2,695,394, Cl. 339—217.
- Wanda, George E., assignor to Marathon Corporation. 2,677,493, Cl. 229—35.
- Wanda, George E., to Marathon Corp. 2,683,529, Cl. 206—58.
- Waugh Equipment Co.: *See*—
Dilg, Walter C. 2,698,208.
- Fillion, Stanley H.
- Munro, George R., and Dilg. 2,693,953.
- Roy, Nereus H. 2,678,796.
- Roy, Nereus H. 2,678,797.
- Saboda, John S. 2,677,887.
- Waugh, Harvey C., to American Water Softener Co. 2,689,218, Cl. 210—24.
- Waugh, Thomas: *See*—
Lorenz, Edward H., and Waugh. 2,681,161.
- Waukegan Baby Seat Co., assignee: *See*—
Inman, Walter A. 2,676,331.
- Wavak, Charles R., assignor to Borg-Warner Corporation. 2,677,449, Cl. 192—45.1.
- Wawzonek, Joseph: *See*—
St. Pierre, Eugene, and Wawzonek.
- Way, Alben W., Philadelphia, Pa. Solids retention apparatus for streams. 2,672,982, Mar. 23.
- Way, Elwood J. 2,694,265, Cl. 35—40.
- Way, Harvey H., to Powell River Co. Ltd. 2,681,534, Cl. 53—98.
- Wayland, Rosser Lee, Jr.: *See*—
Spangler, Myrtle J., and Wayland. 2,690,404.
- Wayman, William E.: *See*—
Nichols, John B., and Wayman. 2,692,800.
- Wayne Foundry & Stamping Co., assignee: *See*—
Blackinton, Walter T. 2,674,371.
- Wayne, Frederick A. 2,683,265, Cl. 5—119.
- Wayne Mfg. Co.: *See*—
Ballard, Louis M. 2,682,679.
- Wayne Pump Company, The, assignee: *See*—
Baxandall, Gerald. 2,675,944.
- Daley, Roger J., Gosney, and Neiman. 2,675,943.
- Moser, Homer D.
- Wayne, Winston J.: *See*—
Prichard, William W., and Wayne. 2,693,491.
- Wayson, Andrew J., to Merriman Bros. Inc. 2,690,046, Cl. 57—120.
- Weam Equipment Corp.: *See*—
Stoeckel, Albert L. 2,684,694.
- Wear, John H., to Russell-Lacey Mfg. Co., Inc. 2,696,009, Cl. 2—278.
- Wear, Vernon C., assignor to R. C. McKinnie, Santa Monica, Calif. Folding ironing board. 2,671,975, Mar. 16.
- Wearx Corp.: *See*—
Sindeband, Seymour J. 2,685,543—5.
- Wearly, William L., to Joy Mfg. Co. 2,698,079, Cl. 198—202.
- Wear Proof Mat Company, assignee: *See*—
Peterson, Christen J.
- Weary, John F.: *See*—
Taylor, Clement F., Briggs, and Weary.
- Weatherby Bros., assignee: *See*—
Weatherby, John H.
- Weatherby, Hiram S. 2,680,525, Cl. 212—144.
- Weatherby, John H., assignor to Weatherby Bros., Natick, Mass. Athletic supporter. 2,666,431, Jan. 19.
- Weatherhead, Albert J., Jr., to The Weatherhead Co. 2,691,988, Cl. 137—377.
- Weatherhead Co., The: *See*—
Allin, Frederick R. 2,675,021.
- Allin, Frederick R., and Wyss.
- Baldwin, John D., Jr. 2,677,345.
- Baldwin, John D., Jr., and Johnson. 2,687,018.
- Courtot, Louis B. 2,678,834.
- Courtot, Louis B. 2,678,836.
- Courtot, Louis B. 2,687,315.
- Weatherhead Co., The: *See*—Continued.
- Crawley, Charles H. 2,674,785.
- Johnson, Andrew G. 2,677,526.
- Paquin, Joseph N. 2,675,250.
- St. Clair, Theodore A. 2,674,829.
- St. Clair, Theodore A. 2,683,464.
- St. Clair, Theodore A. 2,687,140.
- St. Clair, Theodore A. 2,687,143.
- Szitar, John E., Jr. 2,692,112.
- Weatherhead, Albert J. 2,691,988.
- Weathers, Paul. 2,682,579, Cl. 179—100.4.
- Weather-Seal Inc., assignee: *See*—
Etling, Harold A.
- Weaver, Clay: *See*—
McQueen, David M., and Weaver. 2,697,662.
- Weaver, Donald K., Jr., to the United States of America as represented by the Secretary of the Army. 2,697,816, Cl. 332—45.
- Weaver, Earl M.: *See*—
Hawthorne, Herbert J., and Weaver. 2,695,158.
- Weaver, Ira A., and C. H. Phelps, Springfield, Ill., assignors, by mesne assignments, to Gisholt Machine Company, Madison, Wis. Balance testing appliance. Re. 23,784, Feb. 16.
- Weaver, Ira A., and C. H. Phelps, Springfield, Ill., assignors, by mesne assignments, to Gisholt Machine Company, Madison, Wis. Balance testing appliance. Re. 23,785, Feb. 16.
- Weaver, Jeremiah W.: *See*—
Frick, John G., Jr., and Weaver. 2,686,768.
- Frick, John G., Jr., and Weaver. 2,686,769.
- Weaver, Joe C., Jr., T. Q. Eliot, and C. S. Goddin, Jr., to Stanolind Oil and Gas Co. 2,684,934, Cl. 202—39.5.
- Weaver, Kenneth R.: *See*—
Horton, Ralph, Spiess, and Weaver.
- Weaver, Robert E. 2,681,692, Cl. 157—1.2.
- Weaver, Stuart M., to The Ideal Electric and Mfg. Co. 2,692,172, Cl. 308—128.
- Weaverling, William A.: *See*—
Dickey, Richard E., and Weaverling. 2,686,105.
- Weaving, John H., Moseley, Birmingham, and E. R. Payne, Kings Heath, Birmingham, assignors to The Austin Motor Company, Limited, Birmingham, England. Clutch and gear change operating system for automobiles. 2,664,980, Jan. 5.
- Webb, Arthur J., to General Electric Co. 2,685,861, Cl. 118—215.
- Webb, Cecil E., to M. S. Bowne, trustee. 2,693,016, Cl. 25—39.
- Webb, Christopher F., to Bell Punch Co. Ltd. 2,687,848, Cl. 235—30.
- Webb, Daniel: *See*—
Webb, John and D.
- Webb, Francis E. 2,680,192, Cl. 240—78.
- Webb, Francis H., Pasadena, Calif. Water softening apparatus. 2,670,328, Feb. 23.
- Webb, Frank R., assignee: *See*—
Hinson, James L.
- Webb & Gifford Ltd.: *See*—
Gifford, James S., and Hansell. 2,691,394.
- Webb, Glenn M., and L. Heard, to Standard Oil Co. 2,686,159, Cl. 252—313.
- Webb, Harold D., assignor to the United States of America as represented by the Secretary of the Army. 2,677,126, Cl. 343—8.
- Webb, Harvey R. 2,692,051, Cl. 210—51.
- Webb, Howard W. B. 2,690,795, Cl. 158—42.2.
- Webb, Irving D.: *See*—
Patterson, Hugh T., and Webb. 2,691,640.
- Webb, Jervis B., Co.: *See*—
Otto, Stanley W., and McCaul. 2,696,742.
- Webb, Jervis B. 2,687,651.
- Webb, Jervis B., to Jervis B. Webb Co. 2,687,651, Cl. 74—250.
- Webb, John and D., assignors to The India-Rubber, Gutta Percha & Telegraph Works Company Limited, London, England. Hydraulically-operated friction brake. 2,672,956, Mar. 23.
- Webb, John E., and W. J. Kounkel, Seattle Wash. Trolling plug. 2,670,559, Mar. 2.
- Webb, John S., and H. G. Arlt, Jr., assignors to American Cyanamid Company. 2,675,385, Cl. 260—250.
- Webb & Knapp, Inc., assignee: *See*—
Zeckendorf, William, and McPhee.
- Webb, Myron Q., to E. I. du Pont de Nemours and Co. 2,689,236, Cl. 260—32.6.
- Webb, Walter H.: *See*—
Roberts, Llewellyn G., Webb, and Ramsey. 2,674,784.
- Webb, Walter H., assignor to Willcox & Gibbs Sewing Machine Company. 2,675,772, Cl. 112—143.
- Webb, Wesley L., assignor to American Viscose Corporation. 2,677,148, Cl. 18—8.
- Webb, William G.: *See*—
Greer, Homer C., Sr., and Webb. 2,687,606.
- Webber, Gene F.: *See*—
Nelson, James A., Algino, and Webber. 2,682,922.
- Webber, Lois M.: *See*—
Meath, Campbell A. 2,693,602.
- Webbere, Fred J.: *See*—
Callaway, Samuel R., and Webbere. 2,688,536.
- Webbere, Fred J., to General Motors Corp. 2,684,900, Cl. 75—123.

- Webbere, Fred J., to General Motors Corp. 2,691,576, Cl. 75—128.
- Weber, Arnold, assignor to Schweizerische Lokomotiv- und Maschinenfabrik, Winterthur, Switzerland. Ventilating and filtering system for diesel-electric driven locomotives. 2,666,497, Jan. 19.
- Weber, Bruce T.: *See—*
Boghossian, William H., Och, and Weber.
- Weber, Carl: *See—*
Gallagher, William P., and Weber.
- Weber, David W., to Collins Radio Co. 2,691,081, Cl. 200—18.
- Weber, Don A.: *See—*
Stone, Spencer A., and Weber. 2,681,751.
- Weber Engineered Products, Inc.: *See—*
Kaeser, Arthur L. 2,688,834.
- Weber, Ernst, Mount Vernon, J. W. E. Griemsmann, Bellaire, and S. A. Johnson, New York, assignors to Polytechnic Institute of Brooklyn, Brooklyn, N. Y. Coaxial cable attenuator matching device. 2,667,622, Jan. 26.
- Weber, Ernst, and J. W. E. Griemsmann, to Polytechnic Institute of Brooklyn. 2,689,294, Cl. 201—73.
- Weber, Gay W., and R. K. Gerlitz, to General Electric Co. 2,683,850, Cl. 320—33.
- Weber, H. G., and Co., Inc.: *See—*
Weber, Herbert H., and Donnelly. 2,676,657.
Weber, Herbert H., and Olsen. 2,690,732.
- Weber, Harriette B., Saginaw, Mich. Eye shield. 2,665,423, Jan. 12.
- Weber, Herbert H., and D. W. Donnelly, assignors to H. G. Weber & Company, Inc. 2,676,657, Cl. 164—48.
- Weber, Herbert H., and J. O. Olsen, to H. G. Weber and Co., Inc. 2,690,732, Cl. 118—212.
- Weber, Joseph A., assignee: *See—*
Thomas, James R.
- Weber, Karl F., Los Angeles, Calif. Transmission. 2,665,590, Jan. 12.
- Weber, Kenneth R., assignor to Allis-Chalmers Manufacturing Company. 2,675,751, Cl. 97—46.07.
- Weber, Lorraine A.: *See—*
Entz, Ferdinand S., Fullis, Ressler, Soffel, and Weber. 2,677,726.
- Weber, Lloyd H., assignor to American Can Company. 2,675,103, Cl. 192—17.
- Weber, Louis J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pebble feeding apparatus. 2,669,506, Feb. 16.
- Weber, Milton N., assignor of one-half to H. W. Link, Detroit, Mich. Apparatus for gauging consumption of oil or other liquid. 2,669,869, Feb. 23.
- Weber, Ralph O., to Archer-Daniels-Midland Co. 2,692,199, Cl. 99—42.
- Weber, Ralph R., Chicago, Ill. Score card. 2,673,413, Mar. 30.
- Weber, Robert: *See—*
Frey, Walter, and Weber. 2,675,890.
- Weber, Victor, to Robertshaw-Fulton Controls Co. 2,690,304, Cl. 236—15.
- Weber, Victor, and W. J. Russell, to Robertshaw-Fulton Controls Co. 2,685,803, Cl. 74—503.
- Weber, Walter C. 2,681,494, Cl. 25—126.
- Weber, Walter C., to Owens-Illinois Glass Co. 2,688,823, Cl. 49—68.
- Weber, Walter H.: *See—*
Thomas, George C., Jr., and Weber. 2,679,032.
- Weber, William E.: *See—*
Dickinson, Robert P., and Weber. 2,675,686.
- Webers, Vincent J., assignor to E. I. du Pont de Nemours and Company. 2,676,166, Cl. 260—85.7.
- Webster, Benjamin C., Southport, assignor to The Bryant Electric Company, Bridgeport, Conn. Safety housing for electrical apparatus. 2,669,649, Feb. 16.
- Webster-Chicago Corporation, assignee: *See—*
Dale, Colin B.
- Webster, Clement H. 2,674,429, Cl. 248—235.
- Webster, Clifford L., to Aluminum Air Seal Mfg. Co. 2,689,386, Cl. 20—55.
- Webster Corp.: *See—*
Webster, Henry N. 2,689,752.
- Webster, Donald C., assignor to Librascope, Incorporated. 2,675,291, Cl. 346—29.
- Webster Electric Co.: *See—*
Jensen, Clarence F. 2,689,738.
Jensen, Clarence F. 2,689,885.
Munroe, David J. 2,688,663.
Munroe, David J. 2,689,737.
- Webster, Henry N., to Webster Corp. 2,689,752, Cl. 285—94.
- Webster, Herschel L. 2,695,577, Cl. 111—62.
- Webster, John F.: *See—*
Johnson, Edgar B., and Webster. 2,687,944.
- Webster, Lawrence D., Livonia, N. Y. Dump box control lever. 2,667,793, Feb. 2.
- Webster, Leonard C.: *See—*
Greenleaf, Nathaniel B., and Webster.
- Webster, Marvin. 2,681,412, Cl. 250—33.
- Webster, Raymond C., assignor to W. E. Anderson, Inc., Kansas City, Mo. Flow measuring instrument. 2,667,072, Jan. 26.
- Webster, Robert M., Jr., to Mack Mfg. Corp. 2,693,841, Cl. 152—417.
- Webster, Warren, & Co.: *See—*
Stone, John. 2,697,813.
- Webster, Wesley J. 2,685,325, Cl. 155—30.
- Webster, Willard C., and S. Grey, assignors, by mesne assignments, to W. L. McKnight. 2,680,316, Cl. 40—53.
- Webster, William M., Jr.: *See—*
Johnson, Edward O., and Webster, Jr. 2,689,325.
- Webster, William M., Jr., assignor to Radio Corporation of America. 2,676,302, Cl. 332—16.
- Webster, William M., Jr., to Radio Corp. of America. 2,687,487, Cl. 313—193.
- Webster, William M., Jr., to Radio Corp. of America. 2,688,710, Cl. 313—71.
- Wechsler, Jacob J., to the United States of America as represented by the United States Atomic Energy Commission. 2,689,753, Cl. 285—96.8.
- Wechsler, Joseph. 2,686,298, Cl. 339—50.
- Wechsler, Sammy S. 2,677,213, Cl. 46—44.
- Weckel, Kenneth G., and J. E. Welch, to Wisconsin Alumni Research Foundation. 2,692,831, Cl. 99—103.
- Weckesser, Charles L., to Norwich Pharmacal Co. 2,691,259, Cl. 53—9.
- Weckner, Harry: *See—*
Woekner, Harry. 2,680,617.
- Wedge, Fred D.: *See—*
Rundblad, George J., and Wedge. 2,677,291.
- Wedge Protectors, Inc.: *See—*
Phillips, Stanley L. 2,681,028.
Phillips, Stanley L. 2,691,992.
- Weedman, John A.: *See—*
Findlay, Robert A., and Weedman. 2,676,167.
- Weedman, John A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Decomposition of urea and thiourea adducts. 2,672,457, Mar. 16.
- Weedman, John A., to Phillips Petroleum Co. 2,695,322, Cl. 260—666.
- Weedman, John A., to Phillips Petroleum Co. 2,696,510, Cl. 260—674.
- Weedon, Charles B. 2,688,387, Cl. 189—65.
- Weeks, Benjamin E.: *See—*
Hoenninger, Willy G., and Weeks. 2,696,182.
- Weeks, Charles M. 2,683,434, Cl. 114—144.
- Weeks, Clarence C., to The Patent and Licensing Corp. 2,692,861, Cl. 252—88.
- Weeks, Ivan F., to the United States of America as represented by the Secretary of the Air Force. 2,696,076, Cl. 60—35.6.
- Weeks, J. A.: *See—*
Swenson, Marcus O. and P. F. 2,692,759.
- Weeks, Robert W., and A. C. Veldhuis, to Wind Turbine Co. 2,690,890, Cl. 244—134.
- Weeks, Walter R., to General Electric Co. 2,683,593, Cl. 259—84.
- Weems, Albert W. and S. J., Meridian, Miss. Cotton-picking machine. 2,669,081, Feb. 16.
- Weems, Sterling J.: *See—*
Weems, Albert W. and S. J.
- Weertman, Willem L.: *See—*
Sturtevant, Mark J., Weertman, and Brown.
- Weese, Hellmut: *See—*
Andersag, Hans, Weese, and Bossert.
- Wegele, George A. 2,691,263, Cl. 56—25.4.
- Wegener, Johannes, to Siemens-Schuckertwerke Aktiengesellschaft. 2,691,128, Cl. 321—48.
- Wegman, Edwin H., Brooklyn, N. Y. Brassière. 2,664,568, Jan. 5.
- Wegmann, Jacques, and K. Menzi, to Ciba Ltd. 2,685,495, Cl. 8—62.
- Wegner, Marcus I.: *See—*
Sloan, Edward C., and Wegner. 2,681,279.
- Wegst, Walter F.: *See—*
Anderson, Donald E., and Wegst. 2,689,225.
- Wehby, Jack P. 2,677,244, Cl. 62—6.
- Wehby, Jack P. 2,677,246, Cl. 62—91.5.
- Wehmeyer, Clarence W.: *See—*
Witzke, Ernest C., Wehmeyer, and Brown. 2,694,385.
- Wehmiller, Frederick W., Ladue, and W. J. Nekola, Normandy, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Reclaiming detergent solutions. 2,668,796, Feb. 9.
- Wehner, Philip: *See—*
Johnson, Warren C., and Wehner.
- Wehner, William C., Grosse Pointe, Mich. Lawn sprinkler. 2,673,122, Mar. 23.
- Wehrle, Joseph J., assignor to Socony-Vacuum Oil Company, Incorporated. 2,674,603, Cl. 260—329.
- Wehrli, Walter: *See—*
Grandjean, Philippe, and Wehrli.
Ruckstuhl, Hans, Senn, and Wehrli.
- Wehrmeister, Herbert L., to Commercial Solvents Corp. 2,686,749, Cl. 167—65.
- Wehrwein, John G., Glen Riddle, Pa., assignor to Sunroc Refrigeration Company. Water cooler thermostatic control. 2,667,039, Jan. 26.
- Weichsel, Richard H.: *See—*
Bray, Theodore M., Jr., and Weichsel. 2,685,143.
- Weick, Arthur C., to Pacific Mills. 2,698,263, Cl. 117—138.5.
- Weideman, Bernard A., to Globe-Union Inc. 2,694,995, Cl. 113—59.
- Weidenheimer, Joseph F., and L. Ritter, assignors to American Cyanamid Company. 2,677,640, Cl. 167—53.1.
- Weidenheimer, Joseph F., and J. T. Carstensen, to American Cyanamid Co. 2,695,860, Cl. 167—65.

- Weidenhoff, Joseph, Incorporated, assignee: *See*—
Hedinger, Ernst.
Rozett, Benjamin.
- Weidenman, William T., Sr., assignor to Telephonics Corporation. 2,677,730, Cl. 200—5.
- Weides, Erich: *See*—
Ruhnau, Richard, Weides, and Engelage. 2,697,180.
- Weidman, Samuel H., to International Minerals & Chemical Corp. 2,683,739, Cl. 260—527.
- Weidmann, Silvio, Bern, Switzerland, assignor, by mesne assignments, to Radio Patents Company, New York, N. Y. Oscillographic polarograph. 2,666,891, Jan. 19.
- Weidner, Max, assignor to S. C. Johnson & Son, Inc., Racine, Wis. Paint strainer. 2,667,976, Feb. 2.
- Weidt, Alvin L., Minneapolis, Minn. Infant's crib. 2,665,433, Jan. 12.
- Weidum, Joe: *See*—
Ellison, John A. T. 2,687,721.
- Weigand, Frederick G.: *See*—
Kennedy, Daniel W., and Weigand. 2,679,491.
- Weigandt, Carl F., 50% to W. E. Turner, Jr. 2,682,128, Cl. 43—42,22.
- Weigel, Norman E. 2,690,739, Cl. 120—51.
- Weighton, Donald, and L. Lax, assignors to Pye Limited, Cambridge, England. Combined television and sound system. 2,671,130, Mar. 2.
- Weigold, Harold, Grosse Pointe Woods, and J. C. Andreini, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Connecting and sealing means for curing bags. 2,670,499, Mar. 2.
- Weigold, Harold, Grosse Pointe Woods, and D. J. Hinman, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Making pneumatic tires. 2,672,914, Mar. 23.
- Weihmann, Maximiliano. 2,679,249, Cl. 128—305.
- Weikart, John: *See*—
Taff, Wilfred O., Weikart, and Eustis. 2,695,264.
- Weikart, John, to Standard Oil Development Co. 2,682,494, Cl. 196—14,11.
- Weil, Alex, New York, N. Y. Safety poison-feeding device for ants and the like. 2,665,518, Jan. 12.
- Weil, Charles. 2,683,267, Cl. 5—334.
- Weil, Rudolf F. 2,679,446, Cl. 312—269.
- Weil, Valentin and W. Heberer. 2,677,713, Cl. 136—26.
- Weil, Walter M. assignee: *See*—
Cooper, Hugh S. 2,678,870.
- Weiland, Albert P., Jr.: *See*—
Timmons, James R., Veltman, Weiland, and Zambroski. 2,693,151.
- Weiler, Edward G., Midland, Mich. Coin-controlled vending apparatus. 2,671,546, Mar. 9.
- Weiler, John E., assignor to Mathieson Chemical Corporation. 2,675,302, Cl. 23—190.
- Weiler, John E., to Mathieson Chemical Corp. 2,682,446, Cl. 23—117.
- Weiler, John E. and J. F., assignors to Mathieson Chemical Corporation. 2,675,298, Cl. 23—190.
- Weiler, Joseph F.: *See*—
Weiler, John E. and J. F. 2,675,298.
- Weiler, Joseph F., to Olin Mathieson Chemical Corp. 2,697,123, Cl. 260—651.
- Weiler, Raywood C. 2,691,470, Cl. 223—95.
- Weiller, Paul G. 2,685,015, Cl. 201—64.
- Weimer, Gerald A., assignor to Ernst and Ernst. 2,675,153, Cl. 226—16.
- Weimer, Gerald A., to Ernst and Ernst. 2,691,472, Cl. 226—16.
- Weimer, Kenneth A., to Morris Paper Mills. 2,687,800, Cl. 206—65.
- Weimer, Paul E.: *See*—
Clarke, John T., Hall, and Weimer. 2,690,458.
- Weimer, Paul K.: *See*—
Rynn, Nathan, and Weimer. 2,683,187.
- Weimer, Paul K., assignor to Radio Corporation of America. 2,674,704, Cl. 315—12.
- Weimer, Paul K., to Radio Corp. of America. 2,687,484, Cl. 313—65.
- Weimer, Paul K., to Radio Corp. of America. 2,689,270, Cl. 178—5,4.
- Weimer, Paul K., to Radio Corp. of America. 2,689,271, Cl. 178—5,4.
- Weimer, Robert L. 2,680,947, Cl. 56—26.
- Weimont, Joseph: *See*—
Rothmann, Harry E., and Weimont. 2,687,820.
- Weinand, Klaus, assignor to Farbenfabriken Bayer Aktiengesellschaft, Leverkusen, Germany. Anthraquinone dyestuffs. 2,670,356, Feb. 23.
- Weinand, Klaus, to Farbenfabriken Bayer Aktiengesellschaft. 2,685,590, Cl. 260—372.
- Weinberg, Carl E. 2,694,302, Cl. 66—86.
- Weinberg, Elliott L., assignor to Metal & Thermit Corporation. 2,679,505, Cl. 260—429.
- Weinberg, Elliott L., E. W. Johnson, and C. K. Banks, assignors to Metal & Thermit Corporation. 2,680,726, Cl. 260—30,6.
- Weinberg, Elliott L., C. K. Banks, E. W. Johnson, and C. R. Gloskey, to Metal & Thermit Corp. 2,684,956, Cl. 260—31,8.
- Weinberg, Marvin, New York, N. Y. X-ray diagnostic apparatus. 2,670,401, Feb. 23.
- Weiner, Maurice J., New York, N. Y. Device for cutting and removing a slab of plastic material. 2,672,683, Mar. 23.
- Weinberg, Morton I., assignor to Packard Motor Car Company. 2,675,208, Cl. 253—77.
- Weinberg, Samuel. 2,684,530, Cl. 30—123.
- Weinecke, Laurence A.: *See*—
Romanowski, Albert F., and Winecke. 2,684,796.
- Weiner, Eugene V.: *See*—
Blum, Alvin S., and Weiner.
- Weiner, Nathan: *See*—
Schlesinger, Albert, Weiner, and Gordon.
Schlesinger, Albert, Weiner, and Gordon. 2,683,720.
- Weiner, Samuel. 2,677,563, Cl. 291—3.
- Weinfurt, Edward J., to McGraw Electric Co. 2,685,838, Cl. 103—3.
- Weinfurt, William J., Wauwatosa, assignor to McGraw Electric Company, Milwaukee, Wis. Circuit breaker. 2,665,396, Jan. 5.
- Weinfurt, William J., Wauwatosa, Wis., assignor to McGraw Electric Company. Switch operating means. 2,671,141, Mar. 2.
- Weinfurt, William J., Wauwatosa, and A. G. Bale, Jr., assignors to McGraw Electric Company, Milwaukee, Wis. Automatic control means. 2,666,860, Jan. 19.
- Weingarten, Morris R., Lancaster, Pa., assignor to Radio Corporation of America. Heating unit for cementing bases to electron tubes. 2,667,205, Jan. 26.
- Weingartner, Gerald A., to Globe Woven Belting Co., Inc. 2,687,750, Cl. 139—55.
- Weingartner, William: *See*—
Knochel, William J., and Weingartner. 2,688,709.
- Weinig, Arthur J., Golden, Colo., assignor to Potash Company of America. Flotation treatment of sylvinit. 2,672,236, Mar. 16.
- Weinman, Harry, Detroit, Mich. Method and device for pulling electrodes. 2,673,063, Mar. 23.
- Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. N-substituted aminophenols and aminophenyl ethers. 2,666,791, Jan. 19.
- Weinmayr, Viktor, to E. I. du Pont de Nemours and Co. 2,683,157, Cl. 260—439.
- Weinmayr, Viktor, to E. I. du Pont de Nemours and Co. 2,694,721, Cl. 260—439.
- Weinon Corp.: *See*—
O'Neil, John G. 2,697,385.
- Weinrich, Arthur R.: *See*—
Colbert, William H., Morgan, and Weinrich. 2,676,117.
- Weinrich, William W., Wallingford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Processes employing fluent solid particles. 2,669,540, Feb. 16.
- Weinstock, Harry H., Jr., to Allied Chemical & Dye Corp. 2,688,608, Cl. 260—85,5.
- Weinstock, Harry H., Jr., and G. A. Nesty, to Allied Chemical & Dye Corp. 2,692,875, Cl. 260—85,5.
- Weinstock, Kermit V.: *See*—
Schaffel, Gerson S., and Weinstock.
- Weintraub, Herman, Cedarhurst, and C. Fuerst, Bronx, assignors to Gleitsman's, Inc., Long Island City, N. Y. Hamper. 2,665,842, Jan. 12.
- Weir, Barbara J., to E. I. du Pont de Nemours and Co. 2,690,954, Cl. 8—61.
- Weir, Donald A.: *See*—
Wright, Esmond P. G., Ridler, Weir, and Rice. 2,694,752.
- Wright, Esmond P. G., Weir, and Rice. 2,688,656.
- Weir, G. & J., Ltd.: *See*—
Hillier, Harold.
Hillier, Harold. 2,684,664.
- Weir, Harold A., Youngstown, Ohio. Clothesline prop. 2,669,411, Feb. 16.
- Weirich, Henry: *See*—
Weirich, William F. and H. 2,675,873.
- Weirich, William F. and H. 2,675,873, Cl. 164—59.
- Weis, Anthonie E., South Nyack, N. Y. Combination lipstick applicator and sharpener. 2,665,696, Jan. 12.
- Weis, Gilbert C., Renton, Wash. Shock pad for gun butts. 2,667,005, Jan. 26.
- Weisberg, Samuel M., to National Dairy Research Laboratories, Inc. 2,687,384, Cl. 260—7,5.
- Weisberg, Sidney M., to Allied Electric Products, Inc. 2,686,357, Cl. 29—206.
- Weisblat, David I., Galesburg, and B. J. Magerlein, D. R. Myers, and A. R. Hanzel, Kalamazoo, Mich., and S. T. Rolfson, Martinsville, Va., assignors to The Upjohn Company, Kalamazoo, Mich. Epoxypropyl compounds and their preparation. 2,673,861, Mar. 30.
- Weisblat, David I., B. J. Magerlein, and S. T. Rolfson, assignors to The Upjohn Company. 2,674,617, Cl. 260—470.
- Weisblat, David I., B. J. Magerlein, and S. T. Rolfson, assignors to The Upjohn Company. 2,674,618, Cl. 260—470.
- Weisblat, David I., B. J. Magerlein, D. R. Myers, and S. T. Rolfson, to The Upjohn Co. 2,697,719, Cl. 260—470.
- Weisel, Burt W. 2,698,202, Cl. 301—9.
- Weisemann, Gert H.: *See*—
Cerveny, William J., Burney, and Weisemann. 2,685,577.
- Weisenburg, Andrew, to Continental Can Co., Inc. 2,695,650, Cl. 154—1,5.
- Weiser Company, assignee: *See*—
Russell, Fred J., Dietrich, and Solovieff. 2,674,481.
- Weiser, George L., and W. C. Shaw, to General Motors Corp. 2,690,773, Cl. 140—2.

- Welser, Stanley A., to Angelica Uniform Co. 2,686,914, Cl. 2—114.
 Weisgerber, Cyrus A., to Hercules Powder Co. 2,683,173, Cl. 260—561.
 Weishaar, Emrich A., Ashton, Ill. Wagon loading attachment for combines. 2,667,028, Jan. 26.
 Weishuhn, Cecil R., Grand Blanc, Mich. Vehicle safety signaling device. 2,673,307, Mar. 23.
 Weiskopf, Edwin C., assignor to Technicon International, Ltd., New York, N. Y. Filing cabinet and drawer for microscope slides. 2,668,746, Feb. 9.
 Weisler, Leonard, assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Alkyl tocopherols. 2,673,858, Mar. 30.
 Weisler, Leonard, and J. M. Dieterle, assignors to Eastman Kodak Company, Rochester, N. Y. Polyene intermediates and making same. 2,672,481, Mar. 16.
 Weiss, Abraham: *See*—
 Weiss, Joseph and A.
 Weiss, Alexander C.: *See*—
 Gardner, Charles N., and Weiss. 2,683,326.
 Weiss, Benjamin. 2,678,148, Cl. 223—91.
 Weiss, David E., assignor to Opelka Manufacturing Corporation, Chicago, Ill. Article of wearing apparel. 2,673,347, Mar. 30.
 Weiss, Eric A., Springfield, and J. R. Wright, Morton, assignors to Sun Oil Company, Philadelphia, Pa. Magnetic measuring method and apparatus. 2,665,332, Jan. 5.
 Weiss, Felix, and J. S. Seybold, to Cornell-Dubilier Electric Corp. 2,687,334, Cl. 308—227.
 Weiss Geophysical Corp.: *See*—
 Weiss, Oscar, and Massé. 2,690,537.
 Weiss, Harold A., assignor to Soss Manufacturing Company. 2,674,761, Cl. 16—164.
 Weiss, Henry J.: *See*—
 Morrissey, Richard T., and Weiss. 2,698,041.
 Weiss, Henry L. 2,697,333, Cl. 62—89.
 Weiss, Herbert F., and P. W. and L. E. Carl, to Agreco Engineering & Mfg. Co. 2,688,833, Cl. 56—25.4.
 Weiss, Joseph and A. Weiss, deceased, New York, N. Y.; said J. Weiss, administrator of said A. Weiss, assignor to J. Weiss, individually. Brake control system for motor vehicles. 2,668,608, Feb. 9.
 Weiss, Leo H., assignee: *See*—
 Friedman, William. 2,677,861.
 Weiss, Louis, St. Louis, Mo. Tube and plate type heat exchanger and making. 2,672,324, Mar. 16.
 Weiss, Maximilian E. 2,685,980, Cl. 220—15.
 Weiss, Melvin S. 2,695,180, Cl. 280—413.
 Weiss, Mortimer E., Flushing, N. Y., assignor to Sylvania Electric Products Inc. Metal envelope tube and sealing and exhaust. 2,672,569, Mar. 16.
 Weiss, Mortimer E., assignor to Sylvania Electric Products Inc. 2,679,612, Cl. 313—261.
 Weiss, Norman C.: *See*—
 Singleton, Charles L. 2,689,338.
 Weiss, Oliver W.: *See*—
 Brown, Ralph E., and Weiss. 2,675,506.
 Weiss, Oscar, and L. Massé, to Weiss Geophysical Corp. 2,690,537, Cl. 324—1.
 Weiss, Paul, to Vereinigte Aluminiumwerke A.-G. 2,697,597, Cl. 266—15.
 Weiss, Sidney: *See*—
 Ramos, Thomas, Cizek, and Weiss.
 Weiss, Sol. 2,698,137, Cl. 235—78.
 Weiss, Walter J., Rolling Hills Area, Calif., assignor to The Texas Company, New York, N. Y. Controlling viscosity of drilling fluids. 2,666,032, Jan. 12.
 Weiss, Willi, Vernier-Geneva, assignor to Society "Brevets Aero-Mecaniques," S. A., Geneva, Switzerland. Shattering and incendiary shell. 2,669,182, Feb. 16.
 Weissberg, Jesse S., Elizabeth, N. J., and J. R. Jones, Seattle, Wash., assignors to Standard Oil Development Company. Lubricant additives and production thereof. 2,673,881, Mar. 30.
 Weissberger, Arnold: *See*—
 Barr, Charles R., Salminen, and Weissberger. 2,678,882.
 Graham, Bruce, and Weissberger. 2,691,659.
 McCrossen, Fred C., Salminen, and Weissberger. 2,688,544.
 Salminen, Ilmari, and Weissberger. 2,694,635.
 Salminen, Ilmari, and Weissberger. 2,694,718.
 Vittum, Paul W., Weissberger, and Thirtle. 2,675,314.
 Weisse, Ernst E. 2,676,511, Cl. 88—1.
 Weissenberg, Gustav: *See*—
 Neuhaus, Alfred, and Weissenberg.
 Weissenberg, Gustav, and O. Ungemach, Marburg (Lahn), assignors to Ernst Leitz G. m. b. H., Wetzlar (Lahn), Germany. Forming optical glass by melting in platinum vessels. 2,673,809, Mar. 30.
 Weissenberg, Gustav, and N. Meinert, to Ernst Leitz G. m. b. H. 2,684,304, Cl. 106—47.
 Wiessenstein, Joseph: *See*—
 Patterson, William J., and Wiessenstein. 2,695,418.
 Weisser, Karl: *See*—
 Kahn, David, and Weisser. 2,692,580.
 Weissheimer, Herbert, to Siemens-Schuckertwerke Aktiengesellschaft. 2,683,232, Cl. 310—268.
 Weissman, Harry. 2,682,199, Cl. 88—41.
 Weisz, Daniel I.: *See*—
 Maroney, Clair F., McGrew, and Weisz. 2,680,655.
 Maroney, Clair F., Weisz, and McGrew.
 Weisz, Herman, and D. Costner, to Rock Hill Printing & Finishing Co. 2,691,602, Cl. 117—38.
 Weisz, Matthias A. 2,687,470, Cl. 240—2.
 Weisz, Paul B., to Socony-Vacuum Oil Co., Inc. 2,681,167, Cl. 222—1.
 Weisz, Paul B., to Socony-Vacuum Oil Co., Inc. 2,687,990, Cl. 196—147.
 Weisz, Paul B., and A. N. Sachanen, assignors to Socony-Vacuum Oil Company, Incorporated. 2,675,344, Cl. 196—44.
 Weisz, Paul B., and R. D. Goodwin, assignors to Socony-Vacuum Oil Company, Incorporated. 2,676,145, Cl. 204—169.
 Weitkamp, Alfred W., J. W. Arkis, and G. W. Flint, assignors to Standard Oil Company. 2,676,955, Cl. 260—96.5.
 Weitzel, Edward W., to Western Electric Co., Inc. 2,693,617, Cl. 18—13.
 Weibilt Stove Co., Inc.: *See*—
 Trask, Allen. 2,682,159.
 Trask, Allen. 2,691,276.
 Welby, Brian G.: *See*—
 Pollard, Brian W., and Welby. 2,688,049.
 Welby, Brian G., Sale, Cheshire, assignor to Ferranti Limited, Hollinwood, England. Fault indicating apparatus. 2,672,601, Mar. 16.
 Welch, Alanson U., Jr.: *See*—
 Tutbill, Roger W., and Welch. 2,680,181.
 Welch, Arthur J., and S. J. Becker, to Eastern Metals Research Co., Inc. 2,695,968, Cl. 310—246.
 Welch, Audrey G. 2,697,304, Cl. 46—172.
 Welch, Charles W. 2,679,160, Cl. 73—116.
 Welch, Francis L. 2,689,567, Cl. 128—283.
 Welch, Frank L. 2,679,340, Cl. 223—92.
 Welch, Gerald C., Rochester, N. Y. Surface test indicator. 2,665,658, Jan. 12.
 Welch, Herman P., assignor to Backstay Welt Company, Union City, Ind. Bias woven narrow fabric. 2,668,296, Feb. 9.
 Welch, James E.: *See*—
 Weckel, Kenneth G., and Welch. 2,692,831.
 Welch, Jerome B.: *See*—
 Kuhn, Clarence W., and Welch. 2,680,178.
 Welch, Lester M.: *See*—
 Leary, Robert F., and Welch. 2,683,139.
 Nelson, Joseph F., Leary, and Welch.
 Welch, Lester M., assignor to Standard Oil Development Company. 2,674,586, Cl. 260—31.8.
 Welch, Lester M., to Standard Oil Development Co. 2,686,183, Cl. 260—30.8.
 Welch, Lester M., Madison, J. F. Nelson, Rahway, and H. L. Wilson, Iselin, N. J., assignors to Standard Oil Development Company. Modified butyl rubber. 2,671,073, Mar. 2.
 Welch, Lloyd, East Hartford, Conn. Circulating fuel system. 2,672,189, Mar. 16.
 Welch, Nicholas A., West Hartford, assignor to The American Hardware Corporation, New Britain, Conn. Combined lock and seal device. 2,663,318, Jan. 19.
 Welch, Nicholas A., to The American Hardware Corp. 2,694,918, Cl. 70—210.
 Welch, Nicholas A., and F. J. McConnell, assignors to The American Hardware Corporation. 2,675,692, Cl. 70—224.
 Welch, Robert L., Canton, Ohio. Static and dynamic wheel balancing machine. 2,668,443, Feb. 9.
 Welch, Thomas R. 2,677,024, Cl. 200—87.
 Welch, William W., assignee: *See*—
 Johnson, Benjamin H.
 Johnson, Benjamin H. 2,677,522.
 Weld, Foster E., assignor to The Gamewell Company. 2,680,150, Cl. 179—6.
 Weld, Foster E., to The Gamewell Co. 2,685,686, Cl. 340—359.
 Welden, William A., Stamford, Conn., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Teakettle having a manually operated lid for the pouring opening. 2,670,107, Feb. 23.
 Welden, William A., to Revere Copper and Brass Inc. 2,681,075, Cl. 137—534.
 Weldes, Friedrich: *See*—
 Blaser, Bruno, and Weldes.
 Welding Engineers, Inc., assignee: *See*—
 Street, Louis F. 2,674,104.
 Welding Research, Inc., assignee: *See*—
 Jaksha, Fred W.
 Weldon, Harry A., assignor to the United States of America as represented by the Secretary of the Army. 2,678,930, Cl. 260—309.6.
 Weldon, James L., West Branch, Mich. Ring tray for dental use. 2,665,479, Jan. 12.
 Weldon Tool Company, assignee: *See*—
 Ribich, Thomas A.
 Weld-O-Welt Corporation, assignee: *See*—
 Flues, Robert H.
 Weldy Morton E., to General Motors Corp. 2,690,331, Cl. 261—1.
 Welf, Lewis. 2,680,922, Cl. 43—1.
 Welford, Stanley F. W.: *See*—
 Kendall, John D., Wood, and Welford.
 Welge, Henry J., and R. C. West, Tulsa, Okla., assignors to Standard Oil Development Company. Oil well coring method. 2,666,620, Jan. 19.

- Welge, Henry J., and L. A. Rapoport, to Standard Oil Development Co. 2,693,104, Cl. 73—38.
- Welham, Geoffrey L. F.: *See—*
Vines, Alan, Welham, and Maughan. 2,675,608.
- Welinsky, Irving H., assignor to Pittsburgh Consolidation Coal Company. 2,677,650, Cl. 202—14.
- Welk, Nelson S., to Royal McBee Corp. 2,690,009, Cl. 30—229.
- Welker, Heinrich: *See—*
Mataré, Herbert F., and Welker.
- Welker, Heinrich, to Societe Anonyme dite: Compagnie des Freins & Signaux Westinghouse. 2,683,840, Cl. 317—235.
- Welker, Nels C., Portland, Oreg. Adjustable garment hanger. 2,666,561, Jan. 19.
- Welker, Paul L., to The Glidden Co. 2,690,850, Cl. 214—152.
- Wellard, Roger J.: *See—*
Enfer, Pierre V., Jaspert, and Wellard.
- Wellendorf, William F., Ida Grove, Iowa. Record summary and diary device. 2,670,221, Feb. 23.
- Wellens, William H. 2,691,716, Cl. 219—19.
- Weller, Albert K. 2,694,440, Cl. 155—124.
- Weller, David C.: *See—*
Lozier, John C., and Weller. 2,678,959.
- Weller, Edward F., Jr.: *See—*
Sargeant, Walter E., and Weller. 2,688,127.
- Weller, Edward F., Jr., to General Motors Corp. 2,688,126, Cl. 340—268.
- Weller, Leo G., to Fuller Co. 2,681,748, Cl. 222—195.
- Weller, William R., and N. H. Groet, to Eastman Kodak Co. 2,689,793, Cl. 95—88.
- Welling, Conrad G. 2,688,734, Cl. 339—45.
- Wellman, Rudyard K., St. Clair Shores, Mich. Continuous electrical outlet. 2,671,887, Mar. 9.
- Wellman, S. K., Company, The, assignee: *See—*
Wellman, Samuel K.
- Wellman, Samuel K., Cleveland Heights, assignor to The S. K. Wellman Company, Cleveland, Ohio. Apparatus for shaping bimetallic articles. 2,673,480, Mar. 30.
- Wells, Bruce C.: *See—*
McLane, Fletcher E., and Wells.
- Wells, Bruce C., assignor to Westinghouse Electric Corporation. 2,677,032, Cl. 200—147.
- Wells, Bruce C., and B. S. Layson, to Westinghouse Electric Corp. 2,693,553, Cl. 317—176.
- Wells, Chester R., Rocky Hill, assignor to United Aircraft Corporation, East Hartford, Conn. Arrangement of opposed superchargers. 2,667,298, Jan. 26.
- Wells, Floyd Company, The, assignee: *See—*
Saponara, Domenick.
- Wells, Frank, to Eureka Television and Tube Corp. 2,689,288, Cl. 200—122.
- Wells, James R., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Synthetic resin impregnated glass fabric and making same. 2,667,430, Jan. 26.
- Wells, John N. 2,687,897, Cl. 280—260.
- Wells, Joshua R., Jr., and P. S. Winters. 2,691,452, Cl. 214—131.
- Wells, Kenneth J., Pittsfield, Mass., assignor to General Electric Company. Electrically-controlled cable stripping machine. 2,671,363, Mar. 9.
- Wells Lamont Corp.: *See—*
Hanson, Raymond G. 2,682,122.
- Wells Manufacturing Corporation, assignee: *See—*
Bowers, Raymond W., and Alexander.
- Wells, Norman C., Long Beach, assignor to Agate Corporation, Los Angeles, Calif. Well pump filter. 2,665,644, Jan. 12.
- Wells, Norman C., Long Beach, assignor to Agate Corporation, Los Angeles, Calif. Well pump gas and sand control filter. 2,665,645, Jan. 12.
- Wells, Paul E. 2,695,114, Cl. 220—23.4.
- Wells, Preston A., Jr.: *See—*
Brown, Lloyd H., and Wells. 2,698,319.
- Wells, Richard D., Auburn, Maine, assignor to Bates Manufacturing Company. Automatic product display device. 2,669,790, Feb. 23.
- Wells, Robert D. 2,692,730, Cl. 235—117.
- Wells, Robert S.: *See—*
Anderson, James T., and Wells. 2,697,076.
- Wells, Willis L., St. Louis, Mo., assignor, by mesne assignments, to American Machine and Foundry Company, New York, N. Y. Bowling pin setting mechanism. 2,672,340, Mar. 16.
- Well Surveys, Inc.: *See—*
Swift, Gilbert. 2,691,741.
- Youmans, Arthur H. 2,689,918.
- Wellworth Piston Rings Limited, assignee: *See—*
Howlett, John W.
- Welsh, Herbert F.: *See—*
Eckert, John P., Jr., Sims, and Welsh. 2,686,100.
- Welsh, Herbert F., D. C. Wendell, Jr., and T. H. Bonn, to Remington Rand Inc. 2,682,335, Cl. 203—280.
- Welsh, Matilda D., Ladue, Mo. Baby walker. 2,667,206, Jan. 26.
- Welsh, Matilda D. 2,675,064, Cl. 155—171.
- Welsh, Matilda D. 2,697,477, Cl. 155—79.
- Welsh, Ormonde P. 2,693,957, Cl. 271—12.
- Welsh, William E., Allentown, Pa., assignor to McGraw Electric Company, Milwaukee, Wis. Circuit breaker isolating device. 2,668,201, Feb. 2.
- Welshenbach, Charles D., and T. H. Gagen, to The Hinde & Dauch Paper Co. 2,681,733, Cl. 206—62.
- Welter, Grover C. 2,695,019, Cl. 128—96.
- Welter, Matthew J. 2,695,587, Cl. 114—206.
- Welter, Otto, Locarno-Orselina, Switzerland. Accumulator cell. 2,665,325, Jan. 5.
- Welteroth, Josef. 2,690,603, Cl. 24—207.
- Weltert, Joseph: *See—*
Gabel, Willard, and Weltert. 2,686,012.
- Welton, Russell L., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Making tool joints. 2,671,949, Mar. 16.
- Weltronic Company, assignee: *See—*
Czaja, John J. 2,676,230.
- Rockafellow, Stuart C. 2,677,052.
- Wetty, Albert B., Jr., and S. B. Sweetser, to Standard Oil Development Co. 2,694,623, Cl. 48—197.
- Welz, Harry, to Farbenfabriken Bayer Aktiengesellschaft. 2,696,503, Cl. 260—566.
- Wembley, Inc.: *See—*
Berendsen, Harold G. 2,682,663.
- Wemp, Eleanor M.: *See—*
Wemp, Ernest E. 2,689,030.
- Wemp, Ernest E., deceased; W. O. Kromner and L. A. Wemp, executors, 5% to E. M. Wemp, 5% to L. K. Smith, 5% to C. J. Smith, and 20% to L. A. Wemp. 2,689,030, Cl. 192—85.
- Wemp, Lila A., executrix: *See—*
Wemp, Ernest E. 2,689,030.
- Wenaas, Paul E., to Simoniz Co. 2,681,859, Cl. 106—10.
- Wenckus, Adolphe, to Tomkins-Johnson Co. 2,687,233, Cl. 221—293.
- Wendel, Lorenz A., to The Singer Mfg. Co. 2,697,179, Cl. 310—62.
- Wendel, Peter J., and C. W. Datesman, Jr., to Armstrong Cork Co. 2,682,291, Cl. 153—72.
- Wendelburg, Frank W., to Harnischfeger Corp. 2,689,934, Cl. 318—269.
- Wendell, Charles B., Jr., assignor to Godfrey L. Cabot, Inc. 2,675,214, Cl. 261—21.
- Wendell, Charles B., Jr., and G. E. Engelson, to Godfrey L. Cabot, Inc. 2,693,406, Cl. 23—142.
- Wendell, David. 2,679,648, Cl. 2—236.
- Wendell, Douglas C., Jr.: *See—*
Welsh, Herbert F., Wendell, and Bonn. 2,682,335.
- Wendell, John W., Dedham, Mass. Fibrous sheet material and making it. 2,673,819, Mar. 30.
- Wender, Irving, and M. Orchin, to the United States of America as represented by the Secretary of the Interior. 2,682,562, Cl. 260—612.
- Wender, Simon H., to the United States of America as represented by the United States Atomic Energy Commission. 2,681,907, Cl. 260—210.
- Wendler, Norman L.: *See—*
Hirschmann, Ralph F., and Wendler. 2,675,395.
- Wendler, Norman L., and H. L. Slates, to Merck & Co., Inc. 2,695,287, Cl. 260—239.55.
- Wendler, Norman L., and H. L. Slates, to Merck & Co., Inc. 2,695,288, Cl. 260—239.55.
- Wendling, Le Roy J.: *See—*
Fischer, Harry G., and Wendling.
- Wendt, Charles M. 2,689,594, Cl. 150—1.
- Wendt, Donovan D., to Bemis Bro. Bag Co. 2,689,678, Cl. 229—53.
- Wendt, Karl R.: *See—*
Schroeder, Alfred C., and Wendt. 2,685,062.
- Wener, David L. 2,690,726, Cl. 112—231.
- Wenger, Homer D. 2,676,554, Cl. 108—26.
- Wenham, Douglas L., Hamilton, Auckland, New Zealand. Latch mechanism. 2,670,981, Mar. 2.
- Wenham, Douglas L. 2,697,944, Cl. 73—216.
- Weninger, Frank L., assignor to Bell & Howell Company, Chicago, Ill. Control for photographic copying apparatus. 2,664,782, Jan. 5.
- Wenis, Edward: *See—*
Gardner, Thomas S., and Wenis. 2,685,584.
- Wen-Mac Corp.: *See—*
McRoskey, Leonard H. 2,687,595.
- Wennerg, Sigurd. 2,679,023, Cl. 318—489.
- Wenner, Ralph R., and G. H. Lovett, to Monsanto Chemical Co. 2,684,979, Cl. 260—465.9.
- Wenner, Wilhelm: *See—*
Plati, John T., and Wenner. 2,676,967.
- Schmidt, Robert A., and Wenner. 2,693,465.
- Wenner, Wilhelm, assignor to Hoffmann-La Roche Inc. 2,679,501, Cl. 260—294.7.
- Wennerbo, Erik, and F. A. Svensson, to Industriaktiebolaget Luxor. 2,689,734, Cl. 274—9.
- Wensink, Irwin H. 2,696,867, Cl. 154—42.3.
- Wentworth, Chandler: *See—*
Keizer, Eugene O., Donley, and Wentworth. 2,688,085.
- Wentworth, Gerald G., Houston, Tex. Foldable television antenna. 2,673,295, Mar. 23.
- Wentz, Jere L., Passaic, N. J. Exercising apparatus. 2,673,088, Mar. 23.
- Wentz, Jere L. 2,690,211, Cl. 155—135.
- Wentz, John E., Laurenceburg, Ind. Testing apparatus for motor vehicle operators. 2,672,696, Mar. 23.
- Wentzel, Anton A., deceased, by H. H. Wentzel. 2,677,445, Cl. 192—3.
- Wentzel, Howard H., administrator: *See—*
Wentzel, Anton A. 2,677,445.
- Wenzel, Alfred C., assignor to Republic Flow Meters Company. 2,676,574, Cl. 122—451.

- Wenzel, Clifford O. 2,677,312, Cl. 90—16.
Wenzelberger, Elwood P., assignor to The Commonwealth Engineering Company of Ohio. 2,676,469, Cl. 62—124.
Wenzelberger, Elwood P., Dayton, and K. A. Wohl, Cincinnati, assignors to The Western Paper and Manufacturing Co., Dayton, Ohio. Making crush resistant box-board. 2,670,663, Mar. 2.
Wepfer, George R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Electrode motion. 2,665,363, Jan. 5.
Werbe, Louis A., Flint, Mich. Sanding device for automotive vehicles. 2,672,361, Mar. 16.
Werber, Jack. 2,682,056, Cl. 2—84.
Werberig, Cornelius: *See*—
Schmitt, George P., and Werberig. 2,688,606.
Were, Arthur E.: *See*—
Milne, James M., and Were. 2,691,086.
Werenfels, Peter H., Lawrenceville, N. J., assignor to Radio Corporation of America. Apparatus for reproducing images in color. 2,672,575, Mar. 16.
Werenfels, Peter H., and G. W. Bain, Jr., assignors to Radio Corporation of America. 2,680,778, Cl. 178—5.4.
Werfel, Bernard: *See*—
Gerhardt, Fred. Re. 23,848.
Werkhaven, Irene B.: *See*—
Werkhaven, Nelson. 2,694,747.
Werkhaven, Nelson, 1/2 to I. B. Werkhaven. 2,694,747, Cl. 174—87.
Werkheiser, Robert L.: *See*—
Holmes, Roland A., Murphy, and Werkheiser. 2,681,900.
Werkman, Robert T.: *See*—
Crouch, Willie W., and Werkman. 2,676,974.
Crouch, Willie W., and Werkman. 2,682,554.
Werkspoor N. V.: *See*—
Van Buuren, Jan. 2,682,228.
Werkzeugmaschinen-fabrik Gildemeister & Comp., Akt.-Ges.: *See*—
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Möbius, Walter. 2,695,541.
Wermine, Hugo H., Wheaton, assignor to Belden Manufacturing Company, Chicago, Ill. Electrical connector. 2,671,205, Mar. 2.
Werner, Albert. 2,674,824, Cl. 43—44.83.
Werner, Arnold J.: *See*—
Wagner, Adolph A., and Werner. 2,676,719.
Werner, Arnold J., Elm Grove, and A. A. Wagner, assignors to Wagner Iron Works, Milwaukee, Wis. Platform attachment for tractors. 2,672,377, Mar. 16.
Werner, Arnold J., Elm Grove, and A. A. Wagner, assignors to Wagner Iron Works, Milwaukee, Wis. Hydraulic implement control unit. 2,672,994, Mar. 23.
Werner, Byron H.: *See*—
Reid, Robert J., Smith, and Werner. 2,686,168.
Werner, Calvin J., to General Motors Corp. 2,689,146, Cl. 287—52.
Werner, Ewald, to Nordberg Mfg. Co. 2,684,208, Cl. 241—207.
Werner, Frank D. 2,685,470, Cl. 296—44.
Werner, Fred E.: *See*—
Newcomb, Howard L., Werner, Myers, and Laetari.
Werner, Leo C., and W. J. Knochel, to Westinghouse Electric Corp. 2,692,373, Cl. 339—31.
Werner, Peter J. 2,684,183, Cl. 222—127.
Werner, Vilém, and K. Kubelka. 2,674,272, Cl. 139—57.
Werner, Vilém, and K. Kubelka, 1/3 to Prototypa, narodni podnik. 2,688,345, Cl. 139—126.
Werneskog, Folke R. W., Forserum, Sweden. Apparatus for forming, cutting off, and collecting straw material into structural elements consisting of straw material netted between facing elements. 2,672,177, Mar. 16.
Wernig, James H., assignor to General Motors Corporation. 2,674,487, Cl. 296—76.
Wernlund, Christian J.: *See*—
McLeod, Henry G., and Wernlund. 2,694,678.
Wernlund, Christian J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. White brass plating. 2,668,795, Feb. 9.
Wernlund, Roger F.: *See*—
Ehret, Robert J., and Wernlund.
Ehret, Robert J., and Wernlund. 2,685,627.
Wersching, Jacob A. 2,695,762, Cl. 248—117.1.
Wesbar Stamping Corporation, assignee: *See*—
Nielsen, Chester I.
Weseman, Chester A.: *See*—
Magnuson, Willard C., Palcich, and Weseman. 2,674,858.
Wesley, Robert O., and C. R. Scalingi, to Daisy Mfg. Co. 2,691,526, Cl. 273—102.4.
Wesleyan University: *See*—
Radom, Robert. 2,696,519.
Wesp, George L.: *See*—
Mowry, David T., Ringwald, and Wesp.
Wesp, George L., and R. R. Morner, to Monsanto Chemical Co. 2,687,402, Cl. 260—79.5.
Wessels, Lewis J.: *See*—
Riedel, Walther, and Wessels. 2,674,088.
Wesson Multicut Co.: *See*—
Bader, William. 2,683,302.
Bader, William. 2,687,563.
Wesstrom, Alfred: *See*—
Kasak, Antonin, and Wesstrom.
Wesstrom, Alfred, and E. P. Buysse, assignors to Bendix Aviation Corporation. 2,677,408, Cl. 154—1.
West, Arthur C.: *See*—
Richardson, Clarence J., and West. 2,684,658.
West, Austin W. 2,674,658, Cl. 179—90.
West Brick Buggy Co., The: *See*—
West, William S. 2,681,712.
West, Byron L.: *See*—
Bentz, Alan P., West, and Turner.
West, Charles D. 2,692,794, Cl. 296—44.5.
West, Charles E., to Minneapolis-Honeywell Regulator Co. 2,686,429, Cl. 73—403.
West, Charles P., to Westinghouse Electric Corp. 2,689,898, Cl. 200—168.
West, Charles P., to Westinghouse Electric Corp. 2,691,562, Cl. 312—100.
West Company, The, assignee: *See*—
Underwood, James E. 2,680,531.
West Disinfecting Co.: *See*—
Du Bois, Adrian S., and Reynolds. 2,682,487.
Gilmore, Burdette B.
Reynolds, Martin M. 2,687,916.
West, Earle H., Jr. 2,693,785, Cl. 118—505.
West, Elias A. 2,678,752, Cl. 222—63.
West, Francis, Jr.: *See*—
Whitaker, Omar B., and West. 2,688,130.
West, George L., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass door. 2,667,244, Jan. 26.
West, George T., W. H. Winters, M. J. Odell, and R. P. Stokes, to Dewey and Almy Chemical Co. 2,687,110, Cl. 118—246.
West, Herbert J., Pittsburgh, and K. Goodemoot, Bridgeville, Pa., assignors to American Cyanamid Company, New York, N. Y. Distillation purification of phthalic anhydride. 2,670,325, Feb. 23.
West, Howard F., and J. H. Veale, to Illinois Clay Products Co. 2,688,562, Cl. 106—56.
West, James R.: *See*—
Hill, George B., and West. 2,686,396.
West, John D., to Safeway Mining Machine Co. 2,684,234, Cl. 262—9.
West, Juston W. Re. 23,819, Cl. 116—129.
West, Lloyd L.: *See*—
Haywood, Russell I., and West. 2,683,043.
West, Oscar A., Indianapolis, Ind. Shield means for pilot burners and thermocouple of gaseous fuel burners. 2,670,394, Feb. 23.
West, Richard M. 2,691,782, Cl. 5—81.
West, Richard R., to North American Cement Corp. 2,684,913, Cl. 106—64.
West, Robert C.: *See*—
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West, Robert W., to McFarland Awning Corp. 2,685,885, Cl. 135—20.
West, Stephen M.: *See*—
Each, Clyde A., and West. 2,680,282.
West, Thomas M. 2,692,312, Cl. 200—61.47.
West, Victor E., to Standard Railway Equipment Mfg. Co. 2,693,681, Cl. 62—17.
West, William, assignor to Eastman Kodak Company, Rochester, N. Y. Optical sensitization of photomechanical resists. 2,666,701, Jan. 19.
West, William S., to The West Brick Buggy Co. 2,681,712, Cl. 187—9.
West, Willis Z., Jr., and M. F. Gamble. 2,677,777, Cl. 310—244.
Westad, George E., Scotia, N. Y. Storm window opener. 2,670,506, Mar. 2.
West Bend Aluminum Co.: *See*—
Kircher, Ralph N. 2,696,411.
Kraemer, Elmore A.
Westbrook, Leon R., and E. J. Roehl, to Pittsburgh Steel Co. 2,684,937, Cl. 204—44.
Westbrook, Russell D.: *See*—
MacPherson, Herbert G., and Westbrook.
Westby, Sidney B. 2,678,380, Cl. 240—51.11.
Westcott, Dana B., and H. L. Field, Mechanicville, assignors to West Virginia Pulp and Paper Company, New York, N. Y. Manufacture of pulp by the alkaline process. 2,671,727, Mar. 9.
Westcott & Thomson, Inc., assignee: *See*—
Schwartz, Joseph, and Ackley. 2,679,279.
Westcott, William B., Jr., to Fairchild Engine and Airplane Corp. 2,697,569, Cl. 244—118.
Westerberg, John, Yonkers, N. Y. Cork extrusion machine. 2,672,650, Mar. 23.
Westerfors, Erick A., Westminster, assignor to Gardner Wood Products Co., Inc., Gardner, Mass. Latch for play pens. 2,670,932, Mar. 2.
Westerman, Cyril J. 2,686,519, Cl. 128—294.
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Kenworthy, Kenneth P., and Vonhof. 2,693,235.
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 Bregar, Joseph C.
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 Bureau, Arthur A., and Kimmel. 2,678,668.
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 Corderman, Roy C. 2,676,303.
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 Eger, Edward F. 2,690,733.
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 Gray, Alvin N. 2,676,564.
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 Hathaway, Earl B. 2,692,963.
 Henderson, Clifford W.
 Henning, George E. 2,688,770.
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 Hicks, William T., and Waters. 2,674,414.
 Holt, Leo G.
 Houdek, Robert J. 2,693,749.
 Keisling, Fred L. 2,693,578.
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 Larsen, Einer W. 2,685,362.
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 Laver, Frank.
 Lee, Jonathan S., and Elarde. 2,688,573.
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 Lodge, Joseph E.
 Lubbert, Carl B. 2,681,668.
 MacPheat, Alexander M.
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 Pyles, Harley G.
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 Sandberg, Rolf A. F., and Wikstrom.
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 Souter, John C. 2,686,246.
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 Till, Harris R., Jr. 2,688,532.
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 Weitzel, Edward W. 2,693,617.
 Williams, Edwin K., and Wright.

Western Electrical Instrument Corp.: *See*—
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Western Engineering Trust: *See*—
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Western Foundation Corporation, assignee: *See*—
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 Western Lithograph Company, assignee: *See*—
 Bishop, Jerome H., Jr., and Engle. 2,679,928.
 Western Machinery Co.: *See*—
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 Western Oil Tool & Engineering Co., Inc., assignee: *See*—
 Moon, James.
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 Western Printing and Lithographing Company, assignee: *See*—
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 Western Tablet & Stationery Corp.: *See*—
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 Hertrich, Joseph.
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 Cannon, William D. 2,687,935.
 Cannon, William D., Newell, and Cramer. 2,683,188.
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 Edgar, William S. W., Jr. 2,690,474.
 Grimes, Edgar S.
 Hallden, Frederick G., Ridings, Zabriskie, and Parrott.
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 Westfall, Robert J., assignor to Merck & Co., Inc. 2,676,888, Cl. 99—17.
 West Fargo Manufacturing Co., assignee: *See*—
 Tintes, Hubert A., and Runk. 2,675,665.
 Westinger, Karl E. Altenburger, and O. Hirt, Oberndorf (Neckar), Wurttemberg, assignors to Olympia Werke West G. m. b. H., Wilhelmshaven, Germany. Calculating business machine. 2,665,844, Jan. 12.
 Westinger, Karl E. Altenburger, and O. Hirt, Oberndorf, Neckar, Germany. Transfer mechanism for calculating machines. 2,667,307, Jan. 26.
 Westinger, Karl E., Altenburger, and O. Hirt, to Olympia Werke West G. m. b. H. 2,686,584, Cl. 197—176.
 Westinghouse Air Brake Co.: *See*—
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 Allison, Leslie R. 2,679,555.
 Bent, Arthur J.
 Bone, Herbert L.
 Brown, Harold J. 2,697,779.
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 Claus, William H. 2,681,985.
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 Hagen, Harold F.
 Hagopian, Richard H. 2,679,593.
 Hagopian, Richard H. 2,685,833.
 Hague, Floyd T. 2,694,899.
 Hall, Roy D. 2,675,310.
 Hamm, James R. 2,693,676.
 Hanna, Clinton R., and Douglas. 2,686,022.
 Hansen, Hans E.
 Harder, Edwin L. 2,697,201.
 Hardigg, George W.
 Harding, William R., Kimball, and Opel.
 Harris, Walter R., and Haverstick. 2,691,752.
 Hartwig, Edward C., and Barrell. 2,679,021.
 Heine, Thomas H., and Evans. 2,687,486.
 Helsing, Knud J. 2,679,143.
 Hibbard, Lloyd J. 2,691,748.
 Hodnette, John K., and Leonard. 2,693,515.
 Hooper, Charles K. 2,693,566.
 Hunt, William T., Jr. 2,693,563.
 Hunter, Lloyd P.
 Hushley, Walter J. 2,681,861.
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 Hushley, Walter J. 2,689,189.
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 Immel, Ralph B., and Pierce. 2,683,506.
 Immel, Ralph B., Pierce, and Kmonk.
 Jackson, Hagan L.
 Jacob, Mark I., and Howell. 2,679,581.
 James, Homer B. 2,677,076.
 Jaycox, Gordon H.
 Jernstedt, George W. 2,690,997.
 Jernstedt, George W., and Patrick. 2,678,909.
 Johansson, Ernest G. 2,697,185.
 Johnson, John S., and Fromm. 2,677,067.
 Johnson, John S., Sterrett, and Garber.
 Jones, Charles H., and Nagel. 2,687,500.
 Jones, Hilton W. 2,697,193.
 Kalischer, Philip R. 2,696,661.
 Keiper, Phillip C., and Ostrander.
 Keith, Robert H. 2,697,176.
 Kelly, John C. R., Jr. 2,686,865.
 Kilgore, Lee A. 2,679,605.
 Kinn, Theodore P. 2,693,537.
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 Kirsch, William A., and Beistel. 2,689,936.
 Knochel, William J., and Weingartner. 2,688,709.
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 Korbela, Alexander. 2,697,130.
 Korodi, Paul C. 2,693,383.
 Krepps, James E. 2,677,112.
 Laucher, Richard G. 2,693,078.
 Lee, Paul R. 2,689,897.
 Leeds, Winthrop M.
 Leeds, Winthrop M. 2,692,320.
 Lenehan, Bernard E. 2,682,614.
 Leonard, Merrill G., and Lockie. 2,686,242.
 Lewin, Gerhard.
 Lewin, Gerhard. 2,693,547.
 Lingal, Harry J., and Sandin. 2,691,709.
 Little, Donald G., and Tashjian. 2,697,171.
 Longini, Richard L.
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 Ludwig, Leon R., Leeds, Baker, and Cumming.
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 Mack, Kent M. 2,679,589.
 MacNeill, John B. 2,686,237.
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 MacNeill, John B., Leeds, and Baker.
 Malgieri, Anthony, Jr. 2,675,671.
 Malick, Franklin S. 2,677,088.
 Marcum, Jess I. 2,691,775.
 Marden, John W., and Cuthbert.
 Mason, Julien J. 2,692,347.
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 McAdie, Colin H. 2,677,086.
 McCloy, Graham S. 2,681,550.
 McCloy, Graham S. 2,683,376.
 McFadden, Paul S., and Marshall. 2,691,197.
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 Meister, George, and Schiveree. 2,675,497.
 Mershon, Clarence L., and Nagel. 2,680,215.
 Miller, Coleman J. 2,686,258.
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 Montgomery, James P., Jr. 2,677,081.
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 Musk, Henry A., and Hammond. 2,689,941.
 Nash, Joseph C.
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 Parr, Bernard F.
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 Parsons, John R. 2,683,851.
 Pasculle, Maurice J.
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 Purifoy, George R.
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 Rainone, Nicholas J., and Moritz. 2,691,817.
 Rapp, Christian J. 2,694,028.
 Rau, Frank J. 2,677,099.
 Reciniello, Frank. 2,693,054.
 Redding, Arnold H.
 Redmond, John A., and Corteggiano. 2,689,900.
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 Richardson, Earl L.
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 Rights, Herbert T.
 Rigrod, William W. 2,686,900.
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 Rowley, Robert D. 2,676,948.
 Saboe, Michael S.
 Saler, Jules N. 2,691,871.
 Santini, Danilo, Keiper, and Fink. 2,674,348.
 Savage, Conwell.
 Schaelchlin, Walter. 2,683,849.
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 Scullin, Carl H. 2,683,237.
 Shaffer, Thomas G. 2,676,561.
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 Wade, Marion E. 2,679,574.
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 Wallace, James M.
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 Wallace, James M., and Edwards. 2,686,854.
 Wallace, James M., and Graybill.
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 Wallower, William B.
 Wells, Bruce C. 2,677,032.
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 Werner, Leo C., and Knochel. 2,692,373.
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 Wilcox, Charles A.
 Williams, Clifton S. 2,697,160.
 Williams, Frank E.
 Willis, Hilary B., and Hopkins. 2,686,155.
 Winchester, Amos J., Jr. 2,684,458.
 Wollentin, Robert W., and Nagy.
 Wood, Cyrus F., and Cummings. 2,692,797.
 Wrenn, William E.
 Wright, Robert L., Lusby, Lee, and Whittenberg. 2,679,598.
 Wroughton, Donald M., and Okress. 2,686,864.
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 Young, Douglass A., Lunas, and Walsweer.
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 Westinghouse Garrard Ticket Machines Ltd.: *See*—
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 Lamb, Anthony H.
 Lamb, Anthony H. 2,681,572.
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 Baldwin, Lee E.
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 Klugh, Bethune G., and Weston. 2,695,221.
 Weston, William H.: *See*—
 Kunz, Eric C., Weston, Jennison, Sweet, and Kitchens.
 Westover, Oliver: *See*—
 Alt, Harold M., and Westover. 2,690,275.
 Westphal, Henry C., assignor of 1/2 to G. A. Ponsford. 2,678,463, Cl. 16—180.
 Westphal, Kurt, H. Andersag, and G. Widmann, to Schenley Industries, Inc. 2,694,642, Cl. 99—85.
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- West Point Mfg. Co.: *See*—
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- Westra, George A. 2,695,168, Cl. 267—16.
- Westrex Corporation, assignee: *See*—
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- Westronics, Inc., assignee: *See*—
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- West Virginia Pulp and Paper Company, assignee: *See*—
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- Westwood, Carridon G., to Automatic Folding Machine Co. 2,687,832, Cl. 223—37.
- Wethe, Harry K.: *See*—
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- Wetherbee, George D., and E. H. Hammond; said Wetherbee assignor, to said Hammond. 2,689,090 Cl. 237—1.
- Wetherby-Williams, Arthur V., $\frac{1}{2}$ to W. K. Sheffield. 2,695,743, Cl. 226—98.
- Wetherell, Russell A., to The Mason Box Co. 2,697,537, Cl. 220—31.
- Wetmore Hodges: *See*—
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- Wetmore Hodges and Associates: *See*—
McAdam, Harry H. 2,693,313.
- Wett, Ernst, Dusseldorf, Germany. Apparatus for coating metals by means of powdered material. 2,671,689, Mar. 9.
- Wettengel, George A. 2,695,676, Cl. 180—82.
- Wetterau, Carl R.: *See*—
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- Wetterstrom, Edwin: *See*—
Ulm, Reign C., and Wetterstrom.
- Wettlaufer, William L. 2,697,357, Cl. 74—87.
- Wettley, Eberhard E. 2,693,768, Cl. 103—207.
- Wettley, Eberhard E. 2,696,215, Cl. 132—50.
- Wettstein, Walter, to Ciba Ltd. 2,686,010, Cl. 241—22.
- Wettstein, Walter, to Ciba Ltd. 2,686,184, Cl. 260—314.5.
- Wetzel, Frank O.: *See*—
Knosp, Robert N., Linden, and Wetzel. 2,674,706.
- Wetzel, Maurice S. 2,677,297, Cl. 84—464.
- Wetzel, Mayo R., Salt Lake City, Utah. Hole enlarger for nursing nipples. 2,669,644, Feb. 16.
- Wetzel, Theodore A. 2,674,649, Cl. 178—5.4.
- Wetzel, Theodore A., and E. J. Wutschel, to Kearney & Trecker Corp. 2,692,527, Cl. 88—14.
- Wetzig, Ernest L., Sr., Carrizo Springs, Tex. Tractor contour level. 2,669,787, Feb. 23.
- Wetzler, Justin J., Chicago, Ill., assignor to General Package Corporation. Article separating mechanism. 2,668,627, Feb. 9.
- Weurthner, Julius J., assignee: *See*—
Phillips, Curt M.
- Wexler, Aaron, assignor to Westinghouse Electric Corporation. 2,679,642, Cl. 340—247.
- Wexler, Benjamin and M. C., Philadelphia, Pa. Collapsible dress form. 2,666,559, Jan. 19.
- Wexler, Benjamin and M. C., Philadelphia, Pa. Collapsible garment hanger and form. 2,666,560, Jan. 19.
- Wexler, David J., Islip Terrace, N. Y. Indicator for designation strip holder. 2,669,964, Feb. 23.
- Wexler, Marvin C.: *See*—
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- Weyde, Edith: *See*—
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- Weyerhaeuser, Frederick, St. Paul, Minn., assignor to Rock Island Millwork Company, Rock Island, Ill. Loading apparatus and method. 2,668,322, Feb. 9.
- Weyerhaeuser, Frederick, to Rock Island Millwork Co. 2,695,426, Cl. 18—55.
- Weyerhaeuser Timber Co.: *See*—
Collins, Ernest H.
Heritage, Clark C.
Heritage, Clark C. 2,697,081.
Heritage, Clark C. 2,697,082.
Heritage, Clark C. 2,697,083.
Heritage, Clark C. 2,698,307.
Heritage, Clark C., and Van Beckum. 2,697,701.
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Heritage, Clark C., and Van Beckum. 2,697,703.
Pauley, Robert D., and McCanna.
Peterson, Herbert T. 2,682,772.
Sherman, Charles A.
- Weymann, Charles T. 2,689,458, Cl. 60—54.
- Weymouth, George J., and W. C. Cooper, to Cooper Weymouth, Inc. 2,694,994, Cl. 113—50.
- Whalen, John N., Whitinsville, assignor to F. A. Bronzo, Arlington, Mass. Combined chair and table. 2,667,208, Jan. 26.
- Whalen, John W., to Daniel Orifice Fitting Co. 2,687,748, Cl. 138—44.
- Whalen, John W., to Daniel Orifice Fitting Co. 2,688,987, Cl. 138—44.
- Whalen, John W., to Daniel Orifice Fitting Co. 2,689,102, Cl. 248—230.
- Whaley, Fred S., to Westinghouse Air Brake Co. 2,690,939, Cl. 309—2.
- Whaley, Randall M.: *See*—
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- Whaley, Thomas H.: *See*—
Alexander, Cruzan, and Whaley. 2,684,290.
- Whaley, Thomas H., Jr.: *See*—
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Whaley, Thomas P., to Ethyl Corp. 2,687,951, Cl. 75—0.5.
- Wharff, Edward M., Jr.: *See*—
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- Wharton, John: *See*—
Wharton, William and J. 2,676,413.
- Wharton, Wilbur B., Jr.: *See*—
Young, John S., and Wharton. 2,687,845.
- Wharton, William and J. 2,676,413, Cl. 33—174.
- Whately, Walter R., Lynchburg, Va., assignor to American Cyanamid Company, New York, N. Y. Nonchalking titanium dioxide production. 2,671,031, Mar. 2.
- Whately, James S. 2,689,613, Cl. 169—27.
- Wheary, George H., Jr., to Wheary Inc. 2,684,136, Cl. 190—50.
- Wheary Inc.: *See*—
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- Wheatley, Charles. 2,676,780, Cl. 251—204.
- Wheatley, Denis, and S. Adams, to C. A. V. Ltd. 2,695,382, Cl. 318—266.
- Wheatley, Edward W.: *See*—
Fisher, James W., and Wheatley. 2,677,677.
- Wheatley, Edward W., and J. W. Fisher, to British Celanese Ltd. 2,688,011, Cl. 260—78.
- Wheatley, Henry, & Sons, Ltd.: *See*—
Rothwell, Ernest. 2,684,802.
- Wheatley, John B.: *See*—
Gaubatz, Arthur W., and Wheatley. 2,693,248.
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- Wheatley, John E. 2,683,526, Cl. 206—0.82.
- Wheatley, John E. 2,693,370, Cl. 281—44.
- Wheatley, William B., to Bristol Laboratories Inc. 2,681,933, Cl. 260—570.
- Wheatley, William B., and J. T. Alberi, to Bristol Laboratories Inc. 2,682,537, Cl. 260—239.1.
- Wheaton, Jack M.: *See*—
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- Wheaton, Robert M., assignor to The Dow Chemical Company, Midland, Mich. Making water-soluble sulfonated vinyl aromatic resins. 2,669,557, Feb. 16.
- Wheel Aligning Necessities, Inc., assignee: *See*—
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- Wheelbarger, Albert S., to Rockwell Register Corp. 2,694,936, Cl. 74—112.
- Wheeler, Frank C., assignor to Wheeler Smith Limited. 2,678,207, Cl. 265—41.
- Wheeler, Harold A., to Boonton Radio Corp. 2,681,434, Cl. 324—81.
- Wheeler, Harold D., to Laurence, Scott & Electrometers Ltd. 2,688,114, Cl. 318—327.
- Wheeler, Henry H., Bellerose, N. Y., assignor to International Cigar Machinery Company. Follow-up pressure fluid servomotor. 2,667,146, Jan. 26.
- Wheeler, Henry H., Bellerose, N. Y., assignor to International Cigar Machinery Company. Cigar machine. 2,667,173, Jan. 26.
- Wheeler, Henry H., Bellerose, N. Y., assignor to International Cigar Machinery Co. Hydraulic variable speed drive. 2,673,448, Mar. 30.
- Wheeler, Henry H., assignor to International Cigar Machinery Company. 2,675,810, Cl. 131—56.
- Wheeler, John L., assignor to Stromberg-Carlson Company. 2,679,014, Cl. 307—151.
- Wheeler, John M., Greeley, Colo. Bomb fuze. 2,666,388, Jan. 19.
- Wheeler, John W.: *See*—
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- Wheeler, Keith W.: *See*—
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- Wheeler, Marcus A.: *See*—
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- Wheeler Reflector Co.: *See*—
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Elmer, William B. 2,696,357.
- Wheeler, Reynold E., to Royal Typewriter Co., Inc. 2,689,032, Cl. 197—176.
- Wheeler Smith Limited, assignee: *See*—
Wheeler, Frank C. 2,678,207.
- Wheeler, Walter C. 2,686,986, Cl. 40—158.
- Wheeler, Walter G., and D. C. Kramer, assignors to R. Seifried. 2,676,638, Cl. 153—32.
- Wheeler, William I. 2,674,173, Cl. 97—125.
- Wheelhouse, Walter W.: *See*—
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- Wheeling Stamping Co.: *See*—
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- Wheeling Steel Corp.: *See*—
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Felton, John M., and Verwohlt. 2,696,547.
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O'Konski, Theodore S. 2,682,794.
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- Wheelock, Charles E., Cincinnati, Ohio, and W. B. Reynolds, Bartlesville, Okla., assignors to The Procter and Gamble Company, Ivorydale, Ohio. Alkaline detergent composition. 2,673,186, Mar. 23.
 Wheldon, William M., Jr., to Norton Co. 2,695,628, Cl. 137—533.11.
 Wheldon, William M., Jr., to Norton Co. 2,696,413, Cl. 309—3.
 Whelchel, Rupert C.: *See*—
 Foust, Floyd J., Whelchel, and Burk. 2,695,099.
 Whelton, John J., to General Electric Co. 2,684,349, Cl. 260—37.
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 Ballard, Seaver A., and Whetstone. 2,675,413.
 Whidden, Theron D., Jacksonville, Fla. Safety equipment for fuel tanks. 2,670,873, Mar. 2.
 Whidden, Theron D. 2,696,797, Cl. 115—28.
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 Whilloek, Arthur F.: *See*—
 Piggott, John, Whilloek, and Marriott. 2,677,473.
 Whipple, Fred L., Belmont, Mass. Meter device. 2,668,357, Feb. 9.
 Whipple, George H.: *See*—
 Morningstar, Ralph E., and Whipple.
 Whipple, Harry W., assignor of $\frac{1}{2}$ to H. G. Tomich, and $\frac{1}{2}$ to H. E. Barum. 2,680,337, Cl. 55—118.
 Whipple, Jack V., and A. L. Odmark, assignors to The Brunswick-Balke-Collender Company. 2,676,016, Cl. 273—43.
 Whipple, John E., Rumford, R. I., assignor to Fram Corporation. Flow control filter element. 2,665,810, Jan. 12.
 Whipple, Leon V.: *See*—
 McKibbin, James M., Killik, and Whipple. 2,691,374.
 Scherer, Robert P. and J. O., and Whipple.
 Whirlpool Corporation, assignee: *See*—
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 Clark, Kenneth R. 2,682,142.
 Whisler, Thomas C., to American Brake Shoe Co. 2,683,942, Cl. 37—141.
 Whissen, Chester A., Lorain, Ohio, assignor to United States Steel Corporation. Bundling cradle. 2,672,992, Mar. 23.
 Whistler, John P.: *See*—
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 Vender Heyden, Bernard A. 2,696,729.
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 Whitaker, James N. 2,689,590, Cl. 144—208.
 Whitaker, Jesse L., 40% to J. F. Gretton. 2,689,701, Cl. 248—47.
 Whitaker, Omar B., to The Sperry Corp. 2,697,827, Cl. 343—10.
 Whitaker, Omar B., and F. West, Jr., to The Sperry Corp. 2,688,130, Cl. 343—5.
 Whitaker, Watford C. 2,676,223, Cl. 200—115.5.
 Whitby, Harvie W., to Sprague Electric Co. 2,697,579, Cl. 248—361.
 Whitchee, Roy S., Mount Clear, via Ballarat, and G. O. Wyatt, Ivanhoe, Victoria, Australia. Device for handling eggs. 2,666,665, Jan. 19.
 Whitcomb, Edward C.: *See*—
 Heckathorn, Loyd E., and Whitcomb. 2,687,680.
 Whitcomb, William F., Jr., assignor, by mesne assignments, to the Sherwin-Williams Company. 2,675,620, Cl. 33—126.
 White, Albert R. 2,675,919, Cl. 210—148.
 White, Allen A., Peabody, Kans. Automobile jack. 2,667,328, Jan. 26.
 White, Andrew J., Lee, N. H. Apparatus to indicate flow conditions. 2,672,756, Mar. 23.
 White, Andrew R., and R. F. Summers, assignors to Chrysler Corporation. 2,680,387, Cl. 74—603.
 White, Ben F., administrator: *See*—
 Wright, Frank. 2,678,225.
 Wright, Frank. 2,678,226.
 White, Blanche B.: *See*—
 Fortess, Fred, and White. 2,689,817.
 White, Blanche B., and E. Barabash, to Celanese Corp. of America. 2,683,143, Cl. 260—213.
 White, Causey L., to Larkin Coils, Inc. 2,688,850, Cl. 62—115.
 White, Charles de B.: *See*—
 Starr, Arthur T., White, Cinderey, Matthews, and Cooke. 2,680,220.
 White, Clarence J., Colorado Springs, Colo. Floral rack. Re. 23,812, Mar. 30.
 White, Claude C. 2,691,785, Cl. 10—11.
 White, Clifford E., Belton, Tex. Pneumatic impact tool. 2,668,518, Feb. 9.
 White, David, Co.: *See*—
 Collins, Harry J.
 Graef, John N. 2,697,890.
 Rothweiler, Charles O.
 Tate, Donald. 2,695,553.
 White, Delmas J. 2,674,744, Cl. 4—67.
 White, Earl. 2,688,993, Cl. 146—52.
 White, Edward A., Jr., Mahwah, N. Y., assignor to United Hoisting Company, Englewood, N. J. Portable elevator. 2,671,530, Mar. 9.
 White, Edward E.: *See*—
 Hall, Ralph W., and White. 2,674,394.
 White, Edward F. 2,695,666, Cl. 164—63.
 White, Edwin L. 2,676,817, Cl. 280—437.
 White, Eric L. C., assignor to Electric & Musical Industries Limited. 2,679,002, Cl. 250—27.
 White, Eric L. C., and A. D. Blumlein (D. Walker, executrix), to Electric & Musical Industries Ltd. 2,688,077, Cl. 250—27.
 White, Everett H. 2,674,358, Cl. 192—82.
 White, Fred L., to Crane Packing Co. 2,687,603, Cl. 51—283.
 White, George, assignor to Courtaulds Limited. 2,680,280, Cl. 28—31.
 White, George. 2,682,768, Cl. 73—88.5.
 White, Gifford E.: *See*—
 Hauser, Arthur A., Nagy, White, and Harris. 2,696,947.
 White, H. Calvin: *See*—
 Phreaner, Ellis H.
 Phreaner, Ellis H. 2,693,986.
 White, H. N., Co., The: *See*—
 Meyers, Fred N. 2,685,220.
 White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Valved cleaning tool for suction cleaners. 2,671,927, Mar. 16.
 White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,672,210, Mar. 16.
 White, Harry B., assignor to the Hoover Company. 2,674,002, Cl. 15—365.
 White, Harry B., to The Hoover Co. 2,695,798, Cl. 285—180.
 White, Harry J., assignor to Research Corporation. 2,678,700, Cl. 183—7.
 White, Harry J., to Research Corp. 2,682,313, Cl. 183—7.
 White, Harry J., to Research Corp. 2,693,535, Cl. 250—36.
 White, Harvey J., to Corning Glass Works. 2,694,500, Cl. 215—11.
 White, Howard T. 2,693,149, Cl. 103—87.
 White, James E., assignor to J. W. Chaney, Los Angeles, Calif. Table leg mounting arrangement. 2,671,002, Mar. 2.
 White, Joe, and W. F. Brundage, assignors to General Motors Corporation. 2,677,875, Cl. 29—155.58.
 White, John A. 2,676,791, Cl. 257—39.
 White, John A., Jr.: *See*—
 Gurries, Albert G., and White. 2,684,696.
 White, John A., Jr., assignor to Be-Ge Manufacturing Co., Gilroy, Calif. Vertically adjustable frame for implementing supporting carts. 2,665,920, Jan. 12.
 White, John A., Jr., to Be-Ge Mfg. Co. 2,681,134, Cl. 198—204.
 White, John A., Jr., to Be-Ge Mfg. Co. 2,685,958, Cl. 198—204.
 White, John H.: *See*—
 Grosvenor, William M., Jr., Schoerner, and White. 2,684,686.
 White, John U., Darien, Conn. Flame analyzer and flame source therefor. 2,664,779, Jan. 5.
 White, Joseph, and R. Iglowski. 2,673,992, Cl. 9—26.
 White, Leonard F., and E. Fischl, assignors to Metal Manufacturers Limited. 2,674,367, Cl. 205—7.
 White, Milton G., Cambridge, Mass. Moving object selective detection system. 2,668,286, Feb. 2.
 White, Ralph E., to the United States of America as represented by the Secretary of the Navy. 2,694,929, Cl. 73—343.
 White, Ralph V.: *See*—
 Landis, Phillip S., Norris, and White. 2,693,448.
 Norris, Henry D., and White. 2,679,481.
 Norris, Henry D., and White. 2,697,074.
 White, Ralph V., P. S. Landis, and E. B. Backensto, to Socony-Vacuum Oil Co., Inc. 2,686,713, Cl. 44—62.
 White, Ralph V., and H. D. Norris, to Socony-Vacuum Oil Co., Inc. 2,697,073, Cl. 252—50.
 White, Ray T., to The Hankins Container Co. 2,690,254, Cl. 206—65.
 White, Reginald A., Deepwood, Chappaqua, N. Y., assignor to General Precision Laboratory, Incorporated. Sound stabilization system. 2,669,452, Feb. 16.
 White, Richard M.: *See*—
 Schieser, Warren J., and White. 2,688,458.
 White, Robert E., St. Cloud, Minn. Curtain. 2,666,481, Jan. 19.
 White, Robert H., to The Torrington Co. 2,681,259, Cl. 308—72.
 White, Robert J., Houston, Tex., assignor to National Lead Company, New York, N. Y. Electrode for measuring ion concentration in solutions. 2,672,441, Mar. 16.
 White, Roby B., Jr., Irving, Tex. Switch. 2,670,414, Feb. 23.
 White, Roy B., to Bituminous Coal Research, Inc. 2,689,456, Cl. 60—39.46.
 White, S. S., Dental Manufacturing Company, The, assignee: *See*—
 Angell, Robert C. 2,674,435.
 Uhler, Wilmer P. 2,679,378.
 White, Samuel D.: *See*—
 Jeanne, Armand L., Keller, and White. 2,697,749.
 White, Saul J.: *See*—
 Levy, Sidney E., White, and Cohen. 2,690,231.
 White Sewing Machine Corporation, assignee: *See*—
 Ayres, Waldemar A. 2,678,012.
 White, Stanley M. 2,695,642, Cl. 146—16.

- White, Theodore, and J. R. Barnes, assignors to The Forestal Land, Timber and Railways Company Limited. 2,674,591, Cl. 260—64.
- White, Walter R.: *See*—
Nadeau, Gale F., and White. 2,688,155.
- White, William A., Jr., to The Black Clawson Co. 2,694,344, Cl. 92—27.
- White, William B. 2,689,349, Cl. 2—132.
- White, William E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Stockyard fence. 2,669,434, Feb. 16.
- White, William S., Denver, Colo. Automatic hydraulic valve. 2,664,912, Jan. 5.
- White, William W., Evanston, Ill. Tool for brake shoe retracting springs. 2,666,256, Jan. 19.
- White Castle System, Inc., assignee: *See*—
Haegele, Otto P.
Tansley, Leslie R.
- Whitechester, Thomas J., assignor of one-half to F. M. Hardy, Yakima, Wash. Drill guide. 2,670,637, Mar. 2.
- Whitefoot, Robert, Jr. 2,676,702, Cl. 206—63.2.
- Whitehead Brothers Co.: *See*—
Stivason, William L., and Barnard.
Wallace, Burgess P. 2,686,727.
Wallace, Burgess P. 2,686,728.
- Whitehead, Dean, to Anetsberger Bros., Inc. 2,690,142, Cl. 107—4.
- Whitehead, Earl B., to Atlantic Carton Corp. 2,682,949, Cl. 206—46.
- Whitehead, Eric A. N.: *See*—
Cochrane, Charles A., and Whitehead. 2,677,056.
- Whitehead, Frederick W., to The Bristol Aeroplane Co. Ltd. 2,681,500, Cl. 29—156.8.
- Whitehead, Guy W. 2,682,900, Cl. 146—3.
- Whitehead, Herbert A. 2,692,174, Cl. 311—17.
- Whitehead & Kales Co.: *See*—
Stough, Gerald D.
Stough, Gerald D. 2,686,664.
- Whitehead, Richard K. 2,689,984, Cl. 19—137.
- Whitehead Stamping Company, assignee: *See*—
Whitehead, Thomas C.
- Whitehead, Stanley, and B. Roston, assignors to E. R. A. Patents, Limited. 2,680,226, Cl. 324—3.
- Whitehead, Thomas C., assignor to Whitehead Stamping Company, Detroit, Mich. Rearview mirror mounting. 2,671,630, Mar. 9.
- Whitehill, Albert J.: *See*—
Urmann, Benjamin H., Whitehill, and Thessen. 2,690,713.
- Whitehill, Lynwood N.: *See*—
Coffey, Charles A., Ryan, and Whitehill. 2,694,015.
- Whitehill, Lynwood N., and R. S. Taylor, to The Sherwin-Williams Co. 2,686,771, Cl. 260—47.
- Whitehill, Stanley M., and F. A. Groth, Chicago, Ill. Haemocytometer pipette. 2,667,074, Jan. 26.
- Whitehouse, Irving P.: *See*—
Graham, Marion E., Henderson, and Whitehouse.
- Whitehouse, Irving P., South Euclid, and E. A. Beidler, Columbus, assignors to Republic Steel Corporation, Cleveland, Ohio. Preventing clogging of the hydrogen inlet to a reducing zone in the reduction of ferrous chloride vapor by hydrogen. 2,673,797, Mar. 30.
- Whitehouse Products, Inc.: *See*—
Lawson, William L. 2,690,105.
- Whitehouse, Zebulon W., and O. M. Schulze, Canton, assignors to Republic Steel Corporation, Cleveland, Ohio. Procedure and apparatus for stripping ingots from molds. 2,672,663, Mar. 23.
- Whitehurst, George A., and F. W. Bond, Jr., to Montgomery Ward & Co., Inc. 2,686,645, Cl. 248—120.
- Whitelaw, Walter B., Toronto, Ontario, assignor to A. V. Roe Canada Limited, Malton, Ontario, Canada. Preheater and vaporizer for gas turbine engines. 2,664,703, Jan. 5.
- Whitley, Robert S., and A. Voorhies, Jr., to Standard Oil Development Co. 2,685,561, Cl. 196—71.
- Whiteman, Fred: *See*—
Cencer, Peter F., and Whiteman. 2,688,944.
- Whitesell, Denham A., Staunton, Va. Foldable wheel dolly. 2,670,092, Feb. 23.
- Whiteside, Philip, Tyler, Tex. Tree saw attachment for agricultural tractors. 2,667,902, Feb. 2.
- Whitfield, Joseph E., Erie, Pa., assignor to Read Standard Corporation. Drive connection. 2,667,048, Jan. 26.
- Whitfield, Joseph E., assignor to Read Standard Corporation. 2,679,412, Cl. 286—8.
- Whitfield, Joseph E., to Read Standard Corp. 2,683,994, Cl. 74—395.
- Whitfield, Marshall G., and V. Sheshunoff, to Whitfield & Sheshunoff, Inc. 2,682,101, Cl. 29—196.
- Whitfield & Sheshunoff, Inc.: *See*—
Whitfield, Marshall G., and Sheshunoff. 2,682,101.
- Whitin Machine Works: *See*—
Dudley, John S., and Brandt.
Joyce, Glover C.
Kalwaites, Frank. 2,688,778.
Kuhn, Howard R., and Newton. 2,677,858.
Snow, Gerald A., and Trebes.
- Whiting Corp.: *See*—
Morey, Woodruff A.
Skinner, Asa W. 2,685,843.
- Whitley, Ernest M.: *See*—
Keen, Thomas A., and Whitley. 2,675,963.
- Whitley, Henry H., Beaumont, Tex. Garbage can cart. 2,667,320, Jan. 26.
- Whitley, Maurice G.: *See*—
Carrier, Robert M., Jr., and Whitley. 2,690,835.
- Whitlock, Leslie A. 2,684,518, Cl. 25—128.
- Whitlock, Paul, Lebanon, Ohio. Toy gun. 2,665,677, Jan. 12.
- Whitlock, William R., assignor of $\frac{1}{2}$ to C. W. Adams. 2,679,870, Cl. 144—230.
- Whitlow, Eugene P., to Serval, Inc. 2,689,466, Cl. 62—119.
- Whitman, Alma L.: *See*—
Grundy, Walton E., Whitman, Sylvester, Schenck, and De Rose. 2,678,929.
- Whitmer, Joseph C.: *See*—
Dinsmore, Albert P., Treseder, Light, Geyer, and Whitmer.
- Whitmore, Allen H.: *See*—
Barlet, Stewart J., and Whitmore.
- Whitmore, George E., assignee: *See*—
Grammer, Karl H. 2,680,458.
- Whitmore, Harland W., Kenosha, Wis., assignor to Motor Products Corporation, Detroit, Mich. Crisper pan structure. 2,665,817, Jan. 12.
- Whitmore, Harland W., assignor to Motor Products Corporation. 2,675,289, Cl. 312—213.
- Whitmore, Harland W., to Motor Products Corp. 2,682,965, Cl. 220—9.
- Whitmore, Harry E.: *See*—
Hoffman, Alfred E., Chenicek, and Whitmore. 2,683,694.
- Whitmore, Paul G.: *See*—
Pittman, Ralph R., and Whitmore. 2,695,391.
- Whitmore, Raymond A., to Lane-Wells Co. 2,687,823, Cl. 220—27.
- Whitmore, Raymond A., to Lane-Wells Co. 2,691,459, Cl. 220—27.
- Whitner, Thomas C., Elizabeth, N. J. Impregnating cellulose textile fibers. 2,671,740, Mar. 9.
- Whitner, Thomas C. 2,675,326, Cl. 106—161.
- Whitney, Asa F. 2,692,147, Cl. 280—432.
- Whitney Blake Company, assignee: *See*—
Stevens, Charles H. 2,677,115.
- Whitney, Donald S.: *See*—
Bloomfield, Benjamin, and Whitney.
- Whitney, John E. S.: *See*—
Evans, Edward M., and Whitney.
- Whitney, Loren L.: *See*—
Baselt, Walter H., and Whitney.
- Whitney, Loren L., to American Steel Foundries. 2,687,564, Cl. 29—172.
- Whitney, Loren L., Jr., Alliance, Ohio. Refining ferrous metals. 2,669,511, Feb. 16.
- Whitney, Lyman F., assignor, by mesne assignments, to Stator Company. 2,678,548, Cl. 62—126.
- Whitney, Maurice D. 2,692,198, Cl. 95—5.6.
- Whitney, Paul V., to The Jeffrey Mfg. Co. 2,687,785, Cl. 188—82.7.
- Whitney, Vernon L., Jr., to Fairchild Engine and Airplane Corp. 2,691,274, Cl. 62—6.
- Whitney, William B., Bartlesville, Okla., assignor to Phillips Petroleum Company. Thermoresponsive color change control device. 2,666,583, Jan. 19.
- Whitney, William B., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating components of an organic mixture. 2,673,176, Mar. 23.
- Whiton, Louis C., assignor to Prat-Daniel Corporation. 2,674,403, Cl. 230—114.
- Whiton Machine Company, The: *See*—
Hilberg, George A., and Ponting. 2,687,308.
- Whitsell, James L., near Williamsburg, Pa. Automatic egg fryer. 2,670,674, Mar. 2.
- Whitson, Lee S., M. G. Tometz, and B. G. Ferlaak, Jr., Minneapolis, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Tape winding. 2,668,023, Feb. 2.
- Whitt, James E. 2,676,063, Cl. 301—1.
- Whittam, Benjamin R. 2,697,578, Cl. 248—358.
- Whittenberg, William C.: *See*—
Wright, Robert L., Lusby, Lee, and Whittenberg. 2,679,598.
- Whittet, Derek R., Farnborough, assignor to Power Jets (Research and Development) Limited, London, England. Electrostatic precipitator. 2,668,599, Feb. 9.
- Whittet, Kenneth J.: *See*—
Brown, Lyman R., and Whittet.
- Whittingham, Baron S., and H. C. Bergman, to Primorganics, Inc. 2,681,351, Cl. 260—345.7.
- Whittington, Paul E. 2,685,190, Cl. 68—242.
- Whittle, Charles E., Brunswick, Ga. Self-loading and unloading vehicle for palletized loads. 2,665,020, Jan. 5.
- Whittmann, Robert A., assignor of $\frac{1}{2}$ to Hardwick Stove Company, Incorporated. 2,677,418, Cl. 158—115.
- Whittmann, Joseph H., Santa Monica, Calif. Oscillatory mixing device. 2,670,938, Mar. 2.
- Whitton, Earnest C. 2,679,104, Cl. 33—42.
- Whittum, Warren C.: *See*—
Schmuck, Carl P., and Whittum. 2,680,879.
- Whitworth, Edward, West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Device for delivering under relatively diminished pressure gaseous products of combustion at high pressures of self-combustible solid fuels. 2,670,596, Mar. 2.
- Whitworth, Fairchild, and C. W. Stewart, to Sprague Meter Co. 2,693,701, Cl. 73—278.

- Whitworth, Kenneth A., to Blackburn and General Aircraft Ltd. 2,688,982, Cl. 137—633.
- Whitworth, Thomas W., and C. S. Reiber. 2,688,888, Cl. 76—82.1
- Whizzer Motor Company, assignee: *See*—Kohlsaat, Dietrich, and Schuricht. 2,678,221.
- Whyte, Donald E., and E. A. Wilder, to S. C. Johnson & Son, Inc. 2,683,092, Cl. 106—231.
- Whytlaw, Graeme G., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Packaging filamentary material. 2,668,102, Feb. 9.
- Whytlaw, Graeme G., assignor to American Viscose Corporation. 2,679,195, Cl. 93—82.
- Wiancko, Thomas H. 2,675,525, Cl. 336—30.
- Wichert, Ernest M. 2,689,366, Cl. 11—73.
- Wichert, Ernest M. 2,689,711, Cl. 256—21.
- Wichmann, George F., and H. A. Gray, to An O-Matic Power Steer Corp. 2,698,006, Cl. 121—11.
- Wichner, Theodore: *See*—Greene, Benjamin N., and Wichner. 2,685,133.
- Wichorek, Edmund F., to Borg-Warner Corp. 2,691,945, Cl. 103—126.
- Wick, Richard M., to Bethlehem Steel Co. 2,683,687, Cl. 204—140.5.
- Wickard, Kurt W., assignor to Hosemaster Machine Company Limited, Liverpool, England. Straight bar knitting machine. 2,669,834, Feb. 23.
- Wickard, Kurt W., assignor to Hosemaster Machine Company Limited. 2,674,865, Cl. 66—98.
- Wickard, Kurt W., and J. Stockel, assignors to Hosemaster Machine Company Limited. 2,680,364, Cl. 66—116.
- Wickemeier, Benjamin W.: *See*—McGarry, James W., and Wickemeier.
- Wickes Bros., a division of The Wickes Corporation, assignee: *See*—Kendall, George A., and Chriscaden.
- Wickes, David R., assignor to Detroit Surfacing Machine Company, Detroit, Mich. Pneumatic sanding device. 2,664,678, Jan. 5.
- Wickham, Henry P.: *See*—Howard, Everett W., Osborne, and Wickham.
- Wickham, Parker B.: *See*—Gibbs, Thomas B., and Wickham.
- Wickham Products, Inc., assignee: *See*—Heinrich, Herbert, and Buth.
- Wickland, Algot A. 2,688,943, Cl. 110—119.
- Wicklatz, John E.: *See*—Reynolds, William B., Wicklatz, and Kennedy.
- Wicklatz, John E., assignor to Phillips Petroleum Company. 2,680,138, Cl. 260—610.
- Wicklatz, John E., and F. M. Smith, to Phillips Petroleum Co. 2,682,529, Cl. 260—84.1.
- Wickman, A. C., Ltd.: *See*—Gibson, Stanley J. 2,677,281.
- Gibson, Stanley J. 2,692,509.
- Wickman Ltd.: *See*—Moritz, March R., and Autie. 2,690,495.
- Wicknick, Arthur H. 2,686,848, Cl. 179—146.
- Wicks, John, assignor to Automatic Electric Laboratories, Inc. 2,678,356, Cl. 179—27.
- Wicksell, Sture V. 2,674,927, Cl. 92—23.
- Wickstrom, Theodore: *See*—Charas, Carl W., and Wickstrom. 2,680,232.
- Wickwire, Arthur M., P. Williams, and R. J. Killian, to Automatic Steel Products, Inc. 2,685,856, Cl. 113—52.
- Wico Electric Company, assignee: *See*—Harmon, Kenneth A.
- Wieder, Sol B., Washington, D. C. Comminuted product and grinding. 2,665,850, Jan. 12.
- Wieder, Sol B. 2,677,480, Cl. 222—158.
- Widdoes, Lawrence C.: *See*—Spiess, Newton E., Jr., and Widdoes.
- Spiess, Newton E., Jr., and Widdoes. 2,682,977.
- Widgren, Emil H.: *See*—Widgren, Klas A., and E. H. 2,698,179.
- Widgren, Klas A., and E. H. 2,698,179, Cl. 273—85.
- Widell, Berndt A., and H. S. Ogden, assignors to General Electric Company. 2,679,624, Cl. 318—245.
- Wideman, Luther H.: *See*—Fedorchak, William J., Politsch, Wideman, and Duncan. 2,682,802.
- Wideröe, Rolf, assignor to Aktiengesellschaft Brown, Boveri & Cie. 2,675,470, Cl. 250—27.
- Wideröe, Rolf, to Aktiengesellschaft Brown, Boveri & Cie. 2,683,216, Cl. 250—27.
- Wideröe, Rolf, to Aktiengesellschaft Brown, Boveri & Cie. 2,698,384, Cl. 250—27.
- Widess, Moses B., to Stanolind Oil and Gas Co. 2,681,567, Cl. 73—151.
- Widman, George D., Gardena, Calif. Fastener for corrugated metal roofing and siding. 2,672,107, Mar. 16.
- Widmann, Grete: *See*—Westphal, Kurt, Andersag, and Widmann. 2,694,642.
- Widmer, Gustav: *See*—Gams, Alphonse, Kraus, Preiswerk, Widmer, and Wieland. 2,682,490.
- Widmer, Leo P., assignor to Schweizerische Lokomotiv- und Maschinenfabrik, Winterthur, Switzerland. Expandable-chamber and positive-displacement type pump of variable capacity. 2,672,819, Mar. 23.
- Widmer, Leo P., and T. Müller, to Schweizerische Lokomotiv- und Maschinenfabrik. 2,684,630, Cl. 103—37.
- Widmer, Willy, Bottmingen, C. Zickendraht, Binningen, and A. Buchler, Rheinfelden, assignors to Ciba Limited, Basel, Switzerland. Metalliferous azo dyestuffs. 2,673,199, Mar. 23.
- Widmer, Willy, and C. Zickendraht, assignors to Ciba Limited. 2,674,515, Cl. 8—43.
- Widrow, Jacob, Carbondale, Pa. Sewing machine guide. 2,672,111, Mar. 16.
- Wiede, Donald, Franklin, assignor to Joy Manufacturing Company, Pittsburgh, Pa. Control for positioning floor cleanup devices on mining apparatus. 2,672,832, Mar. 16.
- Wiede, Walter, Hollister, Calif. Apparatus for picking up prunes and the like. 2,664,691, Jan. 5.
- Wiechers, Sybrandus G.: *See*—Aten, Adrian H. W., and Wiechers.
- Wiechers, Sybrandus G., and C. Van Hoek, assignors to Nederlandse Centrale Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek. 2,676,144, Cl. 204—137.
- Wied, Julius P., assignor to The Apex Electrical Manufacturing Company. 2,679,068, Cl. 15—374.
- Wieden, Erich: *See*—Reich, Otto. 2,697,339.
- Wiedman, George P. 2,678,592, Cl. 94—4.
- Wiegand, David E., to Armour Research Foundation of Illinois Institute of Technology. 2,694,109, Cl. 179—100.2.
- Wiegand, Edwin L., Co.: *See*—Cunningham, Harry C. 2,684,431.
- Fox, Thomas M. 2,684,420.
- McOrlly, Joseph.
- Wiegel, Charles B. 2,693,100, Cl. 70—168.
- Wiegman, Clarence H., D. S. King, J. H. Carpenter, and L. S. Aldrich, assignors to Avco Manufacturing Corporation. 2,678,037, Cl. 123—195.
- Wieland, Peter: *See*—Miescher, Karl, Heer, Schmidlin, and Wieland.
- Miescher, Karl, and Wieland.
- Miescher, Karl, and Wieland. 2,674,605.
- Wieland, Werner: *See*—Gams, Alphonse, Kraus, Preiswerk, Widmer, and Wieland. 2,682,490.
- Wiemer, Hermann K., Wallington, England. Apparatus for the production of chocolate pastes ready for subsequent treatment on roll refiners. 2,669,924, Feb. 23.
- Wiemerslage, Walter L., to Allis Chalmers Mfg. Co. 2,683,405, Cl. 97—47.43.
- Wienand, Michael, to Dynamit Actien-Gesellschaft vormals Alfred Nobel & Co. 2,696,640, Cl. 18—12.
- Wiener, Charles, Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Apparatus for sealing mounts to tubular bulbs. 2,671,986, Mar. 16.
- Wiener, Charles, F. J. Camarata, and A. Greiner, to Westinghouse Electric Corp. 2,696,697, Cl. 49—7.
- Wiener, Tibor: *See*—Kather, William S., and Wiener. 2,681,313.
- Wienola, Oiva A., Jackson Heights, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. High speed locking device. 2,672,358, Mar. 16.
- Wierpelt, George D., to The Merriam Co. 2,682,966, Cl. 220—22.
- Wier, S. Austin: *See*—McAlister, George A., Jr. 2,676,528.
- McAlister, George A., Jr. 2,697,976.
- Wies, Calmy: *See*—Caron, John B. R., Wies, and Glendenning. 2,684,292.
- Wiese, Herbert K.: *See*—McAteer, James H., and Wiese.
- Wiese, Herbert K., to Standard Oil Development Co. 2,681,356, Cl. 260—450.
- Wieseman, Theodore R., assignor to The Louis Allis Company. 2,674,404, Cl. 230—117.
- Wiesmann, Joseph W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Underfloor wire distributing system. 2,665,027, Jan. 5.
- Wiesmann, Joseph W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Wire distributing floor structure. 2,665,147, Jan. 5.
- Wiesmann, Joseph W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Wire distributing cellular metal floor. 2,672,749, Mar. 23.
- Wiesmann, Joseph W., assignor to H. H. Robertson Company. 2,680,775, Cl. 174—95.
- Wiesner, Jerome B.: *See*—Torrey, Henry C., and Wiesner. 2,682,034.
- Wiesner-Rapp Co., Inc.: *See*—Baehr, Sylvester C. 2,683,531.
- Roubloff, Alexander D., and Arnold. 2,686,413.
- Wiest, Wilhelm, Plochingen, and E. Schips, Stuttgart, Germany. Lathe center. 2,671,370, Mar. 9.
- Wiewandt, Paul R.: *See*—Hofstetter, Jack H., and Wiewandt. 2,689,647.
- Wigal, Voorhis F. 2,680,329, Cl. 46—123.
- Wigan, James W., to General Electric Co., patent dedicated to the public insofar as it relates to lamps and lamp parts. 2,692,154, Cl. 287—119.
- Wigell, Carl. 2,684,883, Cl. 311—85.
- Wigert, George W., to American Can Co. 2,682,359, Cl. 222—563.
- Wigert, George W., to American Can Co. 2,682,360, Cl. 222—569.

- Wiggins, Alpha M., to Electro Voice, Inc. 2,695,517, Cl. 73—67.
- Wiggins, Glenn C.: *See*—
Corbett, Gerald M., Wiggins, and Thurber.
- Wiggins, James W. 2,690,827, Cl. 193—3.
- Wiggins, Leroy. 2,690,497, Cl. 219—19.
- Wigglesworth, Genevieve, assignor to Foster and Foster. 2,674,933, Cl. 95—73.
- Wight, Delano, Jr., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Attachment lock for industrial trucks. 2,665,021, Jan. 5.
- Wight, Delano, Jr., assignor to Clark Equipment Company. 2,678,141, Cl. 214—653.
- Wightman, George R.: *See*—
Clark, Nelson O., and Wightman. 2,695,387.
- Wightman, Lawrence W.: *See*—
Cunningham, Eldon R., and Wightman. 2,683,823.
- Wightman, Lawrence W., to General Electric Co. 2,689,529, Cl. 103—87.
- Wightman, Lynn, deceased, Beverly Hills, Calif., E. Stallcup, executrix of said L. Wightman. Cleaning and oiling apparatus for dental instruments. 2,669,242, Feb. 16.
- Wiglesworth, Victor T. 2,690,088, Cl. 77—63.
- Wigley, Arthur. 2,677,340, Cl. 112—27.
- Wigley, Tom M., Lubbock, Tex. Concrete products machine. 2,670,515, Mar. 2.
- Wigton-Abbott Corp.: *See*—
Hendel, Frank J. 2,697,078.
- Wigton, Walter B.: *See*—
Daugherty, Jesse, and Wigton. 2,682,697.
- Wiig, Chester M., assignor to F. J. Littell Machine Company. 2,675,190, Cl. 242—75.
- Wiig, Chester M., assignor to F. J. Littell Machine Company. 2,678,175, Cl. 242—111.
- Wiitala, Edwin S.: *See*—
Kridel, Donald J., and Wiitala.
- Wiitala, Edwin S., and D. J. Kridel, to Eastman Kodak Co. 2,682,464, Cl. 95—88.
- Wiitala, Edwin S., and D. J. Kridel, to Eastman Kodak Co. 2,682,465, Cl. 95—88.
- Wijnberg, Simon: *See*—
Honing, Wilhelm, Siebelink, and Wijnberg. 2,689,924.
- Wikkenhauser, Gustav, to Kelvin & Hughes Ltd. 2,698,428, Cl. 340—177.
- Wikle, George F.: *See*—
Hirsch, Alf C., and Wikle.
- Kuechenmeister, Gustav A., Wikle, and Stiegler. 2,678,678.
- Wiksten, Carl J. 2,692,706, Cl. 222—326.
- Wikstrom, Frank G.: *See*—
Sandberg, Rolf A. F., and Wikstrom.
- Wikström, Joel E.: *See*—
Eilertsen, Aage, Ingre, Jorgensen, and Wikström. 2,692,304.
- Wikström, Joel E., K. A. Lundkvist, and A. O. Jörgensen, to Telefonaktiebolaget L M Ericsson. 2,689,894, Cl. 200—104.
- Wilbespan Research Labs, Inc.: *See*—
Williams, Richard E. 2,681,584.
- Wilbro Corporation, assignee: *See*—
Geisler, William. 2,676,745.
- Morton, Woolridge B.
- Wilbur, Paul C., assignor to Food Machinery and Chemical Corporation. 2,676,891, Cl. 99—214.
- Wilburn, Nicholas T., to the United States of America as represented by the Secretary of the Army. 2,684,988, Cl. 136—90.
- Wilburn, Nicholas T., to the United States of America as represented by the Secretary of the Army. 2,684,989, Cl. 136—112.
- Wilckens, Eibe A., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Handling sheets and forming decorated caps. 2,665,473, Jan. 12.
- Wilckens, Kurt W., to Heinemann Electric Co. 2,689,282, Cl. 200—107.
- Wilckens, Kurt W., to Heinemann Electric Co. 2,690,486, Cl. 200—89.
- Wilckens, Kurt W., to Heinemann Electric Co. 2,690,528, Cl. 317—178.
- Wilckens, Kurt W., to Heinemann Electric Co. 2,694,789, Cl. 317—179.
- Wilcolator Co., The: *See*—
Malone, Homer F. 2,681,395.
- Wilcox, Charles A., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Range apparatus. 2,665,458, Jan. 12.
- Wilcox, Clarke L. 2,697,288, Cl. 36—59.
- Wilcox, Clyde A.: *See*—
Doehler, Herman H., and Wilcox. 2,676,370.
- Wilcox, Elizabeth E., New York, N. Y. Measuring device for contents of containers. 2,671,963, Mar. 16.
- Wilcox, Francis P., H. A. Fitts, and H. D. Boyce. 2,697,846, Cl. 15—83.
- Wilcox-Gay Corporation, assignee: *See*—
Moehring, William D. 2,674,459.
- Wilcox, Harris M.: *See*—
Howard, Robert R., and Wilcox. 2,675,363.
- Wilcox, Harry A., assignor to Eastern Industries, Incorporated. 2,676,294, Cl. 318—266.
- Wilcox, Isaac L., to Oswego Falls Corp. 2,697,313, Cl. 53—10.
- Wilcox, Isaac L., A. A. Barnes, C. E. Patch, and R. Spurr, to Oswego Falls Corp. 2,692,463, Cl. 53—44.
- Willcox, John S., assignor to Technical Instrument Laboratory. 2,676,488, Cl. 73—228.
- Wilcox, Robert L. 2,692,149, Cl. 280—476.
- Wilcox, Roy M. 2,683,635, Cl. 308—9.
- Wilcox, Roy M. 2,683,636, Cl. 308—9.
- Wilcox, Walter M., to Simonds Saw & Steel Co. 2,682,098, Cl. 29—95.
- Wild, Anthony M., E. J. Gasson, and A. F. Millidge, to The Distillers Co. Ltd. 2,694,090, Cl. 260—601.
- Wild, Edward, assignor, by mesne assignments, to H. H. Jaeger, Incorporated. 2,677,175, Cl. 30—4.
- Wild, Rudolf F., to Minneapolis-Honeywell Regulator Co. 2,692,358, Cl. 318—29.
- Wild, Urban E., Jr. 2,689,292, Cl. 200—154.
- Wildberg, Leslie K., Shaker Heights, assignor to Radix Wire Company, Cleveland, Ohio. Low loss high-frequency transmission line. 2,666,093, Jan. 12.
- Wilde, Arthur E.: *See*—
Shaffer, Donald U., and Wilde. 2,690,320.
- Wilde, Ralph W., Sr., Los Angeles, Calif. Remote control device. 2,673,476, Mar. 30.
- Wildebour, Charles W., Seattle, Wash. Means for stripping and ribboning ice cream. 2,669,945, Feb. 23.
- Wilder, Arthur S., J. J. Caplovich, and D. L. Bartholomew, to Angier Chemical Co., Inc. 2,688,585, Cl. 167—58.
- Wilder, Darwin L., assignee: *See*—
Jones, Leslie D., and Allen. 2,678,374.
- Wilder, Edward A.: *See*—
Whyte, Donald E., and Wilder. 2,683,092.
- Wilder, Edward A., and E. Spurgat, to S. C. Johnson & Son, Inc. 2,682,516, Cl. 260—28.
- Wilder, Henry W. 2,691,203, Cl. 28—15.
- Wildhaber, Ernest, Rochester, N. Y. Universal joint drive. 2,670,614, Mar. 2.
- Wildhaber, Ernest, Rochester, N. Y. Equalizer for distributing power flow to a plurality of parallel channels. 2,672,739, Mar. 23.
- Wildhaber, Ernest, assignor to Gleason Works. 2,674,030, Cl. 29—103.
- Wildhaber, Ernest, to Gleason Works. 2,682,099, Cl. 29—103.
- Wildhaber, Ernest, to Gleason Works. 2,682,201, Cl. 90—94.
- Wildhaber, Ernest. 2,685,784, Cl. 64—21.
- Wildhaber, Ernest, to Gleason Works. 2,687,025, Cl. 64—9.
- Wildhaber, Ernest. 2,691,876, Cl. 64—21.
- Wildhaber, Ernest. 2,693,720, Cl. 74—714.
- Wildish, Myron F., Terre Haute, Ind., J. E. Hefferline, Issaquah, and H. F. Rippey, Auburn, Wash., said Wildish assignor to Monsanto Chemical Company, St. Louis, Mo. Adhesive from monoethylenically unsaturated dicarboxylic acid salt polymer. 2,667,462, Jan. 26.
- Wildman Mfg. Co.: *See*—
Howie, Kenneth. 2,692,487.
- Howie, Kenneth. 2,692,488.
- Wildman and Swartz, Inc.: *See*—
Swartz, Abraham W. 2,696,034.
- Wildman, William C.: *See*—
Ralls, Jack W., Wildman, McCaleb, and Wilds. 2,674,627.
- Wilds, Alfred L.: *See*—
Ralls, Jack W., Wildman, McCaleb, and Wilds. 2,674,627.
- Wildt and Company Limited, assignee: *See*—
Croucher, Antony H.
- Saunders, Alfred P. 2,676,473.
- Wile, Daniel D., assignor to Refrigeration Engineering, Inc. 2,680,599, Cl. 257—37.
- Wile, Daniel D., assignor to Refrigeration Engineering, Inc. 2,680,667, Cl. 312—296.
- Wilentchik, Jerzy J. 2,684,463, Cl. 323—74.
- Wiles, Quentin T., and D. W. Elam, to Shell Development Co. 2,681,901, Cl. 260—47.
- Wiles, Russell. 2,677,189, Cl. 33—174.
- Wiley, Bruce F., to Phillips Petroleum Co. 2,697,192, Cl. 318—165.
- Wiley, Carl A., to Goodyear Aircraft Corp. 2,683,247, Cl. 318—489.
- Wiley, Dale: *See*—
Asbury, Ralph E., and Wiley. 2,690,492.
- Wiley, Fred E., to The Grote Mfg. Co., Inc. 2,685,639, Cl. 240—83.
- Wiley, Harry A., Gardner, assignor to Thayer, Inc., Gardner, Mass. Combined child's training seat and stepstool. 2,666,210, Jan. 19.
- Wiley, John C.: *See*—
Smith, Bernard R. 2,693,275.
- Wiley, Paul F., to Allied Chemical & Dye Corp. 2,683,741, Cl. 260—561.
- Wiley, Robert F.: *See*—
Doepel, Wallace A., and Wiley. 2,685,157.
- Wiley, William C., to Bendix Aviation Corp. 2,685,035, Cl. 250—419.
- Wiley, William C., to Bendix Aviation Corp. 2,686,262, Cl. 315—166.
- Wiley, William V. 2,698,111, Cl. 222—20.
- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. 2,688,447, Cl. 237—123.
- Wilham, Carl A.: *See*—
Koepsell, Harold J., Kazenko, Jeanes, Sharpe and Wilham.
- Wilhelm Fette Präzisionswerkzeug-Fabrik: *See*—
Bentjens, Heinz. 2,689,394.

- Wilhelm, John H., Long Island, N. Y., assignor to Voices, Inc., Bayonne, N. J. Compressible sound producing toy and voice therefor. 2,667,718, Feb. 2.
- Wilkinson, Carl R., Westbury, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Repetitive-pulse generator. 2,671,172, Mar. 2.
- Wilkens Manufacturing Company, assignee: See—Engelhardt, Carl F.
- Wilkens, Howard J., to MacGregor Sport Products, Inc. 2,668,040, Cl. 150—15.
- Wilkins, Louis F.: See—Currie, Grover C., Dans, Wilkins, and Dunn. 2,677,221. Currie, Grover C., Dans, Wilkins, and Dunn. 2,683,959.
- Wilkinson, Erik A., and P. T. Faxén, to Svenska Aeroplan Aktiefabrig. 2,692,435, Cl. 33—46.5.
- Wilkerson Corporation, assignee: See—Wilkerson, Dewey. 2,677,386.
- Wilkerson, Dewey, assignor to Wilkerson Corporation. 2,677,386, Cl. 137—195.
- Wilkerson, Edward D., Orange, N. J. Hydraulic brake system bleeding and filling apparatus. 2,670,874, Mar. 2.
- Wilkerson, Edward D. 2,678,803, Cl. 254—114.
- Wilkerson, Edward D. 2,689,403, Cl. 33—46.
- Wilkin, Ellsworth D., to Johnston Lawn Mower Corp. 2,696,741, Cl. 74—242.1.
- Wilkins, Colbert W., to National Container Corp. 2,694,619, Cl. 23—181.
- Wilkins, Richard A., and F. F. Poland, assignors to Revere Copper and Brass Incorporated. 2,680,144, Cl. 74—20.
- Wilkinson, Alvin H., and M. Pallein, assignors to Franks Mfg. Corporation, Tulsa, Okla. Braking apparatus. 2,667,240, Jan. 26.
- Wilkinson, Charles A.: See—Gettleman, Gilbert C. 2,691,441.
- Wilkinson, Clarence S., Jr.: See—Gehman, Samuel D., and Wilkinson. 2,682,082.
- Wilkinson, Donald G.: See—Fielden, Richard J., and Wilkinson. 2,675,380.
- Wilkinson, Geoffrey J. 2,685,741, Cl. 33—85.
- Wilkinson, Horace A., A. H. Harris, and G. H. Carter, to Carter Wilkinson Ltd. 2,696,291, Cl. 198—218.
- Wilkinson, James H., to National Research Development Corp. 2,686,632, Cl. 235—61.
- Wilkinson, Joseph M.: See—Glickman, Samuel A., and Wilkinson. 2,686,805.
- Wilkinson, Joseph M., and E. S. Miller, to General Aniline & Film Corp. 2,695,920, Cl. 260—612.
- Wilkinson, Joseph M., Jr., Easton, and J. P. Barker, Media, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Copolymers of 1-acyloxy-3-buten-2-one. 2,665,267, Jan. 5.
- Wilkinson, Leonard A., assignor to Argus Cameras, Inc., Ann Arbor, Mich. Camera with film wind and shutter set interlock. 2,664,799, Jan. 5.
- Wilkinson, Lester: See—Waldorf, Samuel E., and Hoppes. 2,684,785.
- Wilkinson, Lionel W. G.: See—Rivington, Arthur A., and Wilkinson. 2,696,613.
- Wilkinson, Rudolph P., assignor of 49% to J. C. Epperson, Sr. 2,674,152, Cl. 88—14.
- Wilkinson, Samuel: See—Adamson, Donald W., and Wilkinson. 2,682,543.
- Wilkinson Sword Co. Ltd., The: See—Hansard, Douglas A., and Bennett. Mathisen, Anders. 2,783,194.
- Wilkinson, Walter, to Air Reduction Co., Inc. 2,682,154, Cl. 62—1.
- Wilkinson, William K.: See—Gillson, Joseph L., and Wilkinson. 2,694,618.
- Rothrock, Henry S., and Wilkinson. 2,687,405.
- Wilkinson, Jim P., Waco, Tex. Steering mechanism for outboard motors. 2,666,407, Jan. 19.
- Willach, Bernhard, assignor to Jas. P. Marsh Corporation. 2,676,490, Cl. 73—411.
- Willard, David S., to North American Aviation, Inc. 2,696,582, Cl. 321—8.
- Willard Storage Battery Company, assignee: See—Fairclough, Edward, and Rose. 2,677,008.
- Gilks, Robert E. 2,674,369.
- Lormor, Henry W.
- Pucher, Leo E.
- Will-Burt Company, The, assignee: See—Furth, Jacob R.
- Willcox, Frederick P., to Fairchild Camera and Instrument Corp. 2,691,331, Cl. 95—63.
- Willcox & Gibbs Sewing Machine Company, assignee: See—Backlin, Clarence R.
- Tamburro, Francis P., and Le Fevre. Webb, Walter H. 2,675,772.
- Willcox, Leland J. 2,675,237, Cl. 273—33.
- Wille Eduard, assignee: See—Muth, Otto. 2,679,777.
- Wille, Ernest, Mountain Home, Idaho. Locking device for turnbuckles. 2,671,681, Mar. 9.
- Wille, Rachel E., Franklin Park, Ill. Hairdo accessory. 2,668,547, Feb. 9.
- Wille, Rudolf. 2,697,007, Cl. 299—107.2.
- Wille, Rudolf L. 2,681,647, Cl. 123—131.
- Willenbrock, Frederick K., and S. P. Cooke, assignors to the United States of America as represented by the Secretary of the Navy. 2,677,107, Cl. 332—5.
- Willett, Leon E.: See—Cook, John T., and Willett.
- Willey, Eric A., to Ford Motor Co. 2,690,342, Cl. 280—160.
- Willgoos, Andrew V. D., deceased, West Hartford, Conn., by Hartford National Bank and Trust Company, executor, Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. End bell construction. 2,672,279, Mar. 16.
- Willgoos, Andrew V. D., deceased (by Hartford National Bank and Trust Company, executor), assignor to United Aircraft Corporation. 2,680,286, Cl. 29—156.8.
- Willhauck, Augustus D., to United Shoe Machinery Corp. 2,694,821, Cl. 12—97.
- Willi, Richard B., Norristown, Pa., assignor to Baldwin-Lima-Hamilton Corporation. Reversible pump-turbine. 2,671,635, Mar. 9.
- Williams, Albert J., Jr.: See—Stein, Irving M., Williams, and Dern.
- Williams, Albert J., Jr., assignor to Leeds and Northrup Company, Philadelphia, Pa. Measuring system of the balanceable network type. 2,668,264, Feb. 2.
- Williams, Albert J., Jr., assignor to Leeds and Northrup Company. 2,674,719, Cl. 324—30.
- Williams, Albert J., Jr., to Leeds and Northrup Co. 2,685,676, Cl. 324—99.
- Williams, Albert J., Jr., Philadelphia, and R. E. Watson, Chesney Downs, assignors to Leeds and Northrup Company, Philadelphia, Pa. Electric motor control system with reduced cross-dependence of control effects. 2,666,171, Jan. 12.
- Williams, Albert V. 2,677,571, Cl. 296—24.
- Williams, Alexander T., Westfield, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Exposure meter. 2,667,809, Feb. 2.
- Williams, Alfred L. W., Cleveland Heights, assignor, by mesne assignments, to Clevite Corporation, Cleveland, Ohio. Magnetic recording and reproducing apparatus. 2,673,040, Mar. 23.
- Williams, Alfred L. W., assignor, by mesne assignments, to Clevite Corporation. 2,676,212, Cl. 179—100.2.
- Williams, Alfred L. W., assignor, by mesne assignments, to Clevite Corporation. 2,680,613, Cl. 271—2.3.
- Williams, Andrew B., Boaz, Ala. Trapper drowning rod. 2,671,981, Mar. 16.
- Williams, August L. 2,678,628, Cl. 119—19.
- Williams, Bernard J., and R. H. Hughes, to Radio Corp. of America. 2,686,390, Cl. 49—81.
- Williams, C. K., & Co.: See—Pollock, William A. 2,695,215.
- Williams, Calvin D., Cloquet, Minn. Device for restoring cylindrical objects. 2,669,277, Feb. 16.
- Williams, Carl F. 2,687,818, Cl. 214—17.
- Williams, Charles E., to General Electric Co. 2,694,785, Cl. 315—58.
- Williams, Charles M. 2,684,850, Cl. 273—95.
- Williams, Charles M. and L. G., assignors to American Sign & Indicator Corporation, Spokane, Wash. Display sign. 2,673,976, Mar. 30.
- Williams, Charles R., assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Add-subtract binary counter circuit. 2,665,068, Jan. 5.
- Williams, Charlie, and H. A. Lee. 2,692,924, Cl. 200—85.
- Williams, Chester L. 2,695,513, Cl. 72—107.
- Williams, Clifton S., to Westinghouse Electric Corp. 2,697,160, Cl. 219—8.
- Williams and Company, Inc.: See—Goetz, Elmer F. 2,687,310.
- Williams, Daniel S. 2,679,401, Cl. 280—11.23.
- Williams, David F. 2,694,613, Cl. 312—138.
- Williams, David M., assignor to Olin Industries, Inc. 2,679,123, Cl. 42—75.
- Williams, Dolores H., coexecutor: See—Steffan, Joseph J. 2,678,843.
- Williams, Don, Jr. 2,694,905, Cl. 62—5.
- Williams, Donald A.: See—Larsen, Earl I., Doty, and Williams.
- Williams, Douglas W., to B. K. Sweeney Mfg. Co. 2,681,230, Cl. 279—119.
- Williams, Duane B. 2,694,953, Cl. 81—57.
- Williams, Earl C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Washing machine with induction motor drive. 2,669,856, Feb. 23.
- Williams, Earl C., assignor to Easy Washing Machine Corporation. 2,674,868, Cl. 68—23.
- Williams, Earl C. 2,697,365, Cl. 74—681.
- Williams, Edward F., assignor to the United States of America as represented by the Secretary of the Army. 2,680,189, Cl. 219—39.
- Williams, Edward J., Burbank, Calif., assignor to Read Standard Corporation. Apparatus for spacing articles on conveyers. 2,667,960, Feb. 2.
- Williams, Edwin K., Indianapolis, Ind., and B. L. Wright, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for coating cup-shaped articles. 2,666,411, Jan. 19.
- Williams, Eleanor, to The Barbizon Corp. 2,685,087, Cl. 2—73.
- Williams, Eleanor, to The Barbizon Corp. 2,685,392, Cl. 223—68.
- Williams, Elmer R. 2,675,126, Cl. 210—52.

- Williams, Elmer R., to O'Neill Tank Co., Inc. 2,698,055, Cl. 166—75.
- Williams, Emlyn : *See—*
Wormell, Robert L., and Williams. 2,684,282.
- Williams, Fielding L. : *See—*
Jones, Montgomery O., and Ruffin. 2,684,717.
Rutlin, Raymond S. 2,691,149.
- Williams, Frank E., McKeesport, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Auxiliary commutating-field winding. 2,666,881, Jan. 19.
- Williams, Frederic C., Timperley, and T. Kilburn, Davy-hulme, Manchester, assignors to National Research Development Corporation, London, England. Electronic digital computing apparatus. 2,671,607, Mar. 9.
- Williams, Frederic C., A. A. Robinson, and T. Kilburn, to National Research Development Corp. 2,683,802, Cl. 250—27.
- Williams, Frederick D. M., Toronto, Ontario, and D. E. Morrison, Nobel, Ontario, assignors to A. V. Roe Canada Limited, Malton, Ontario, Canada. Spacing means for wall sections of flame tubes. 2,670,601, Mar. 2.
- Williams, George M., to United States Rubber Co. 2,684,350, Cl. 260—43.
- Williams, George M., to United States Rubber Co. 2,684,351, Cl. 260—43.
- Williams, George W., assignee : *See—*
Ames, Robert G.
- Williams, Gladys R. 2,697,455, Cl. 139—383.
- Williams, Gordon E. 2,674,921, Cl. 88—70.
- Williams, Harold E. 2,694,137, Cl. 240—6.
- Williams, Harold M. G., and F. Dyson, Coventry, assignors to Courtaulds Limited, London, England. Thread storage and advancing reel. 2,670,840, Mar. 2.
- Williams, Harry E., assignor to Williams Patent Corporation. 2,680,618, Cl. 273—88.
- Williams, Henry M., to Olin Industries, Inc. 2,683,920, Cl. 29—105.
- Williams, Herbert L., Ventura, Calif. Cigarette snuffer. 2,671,454, Mar. 9.
- Williams, Hugh B., Dallas County, Tex. Grave digger. 2,673,407, Mar. 30.
- Williams, Ivan A. 2,688,890, Cl. 78—81.
- Williams, Ivan A., to M and M Wood Working Co. 2,691,341, Cl. 101—35.
- Williams, Ivor H. : *See—*
Barden, Earl M., and Williams. 2,679,889.
- Williams, Ivor H., Birmingham, and R. K. Super, Detroit, Mich., assignors, by mesne assignments, to Rockwell Spring and Axle Company, Coraopolis, Pa. Power transmitting mechanism. 2,665,593, Jan. 12.
- Williams, James H., to Grinnell Corp. 2,686,945, Cl. 22—32.
- Williams, James H., and S. Kushner, assignors to American Cyanamid Company. 2,677,641, Cl. 167—65.
- Williams, John B., Parbold, near Wigan, assignor to Ajax Trucks Limited, Manchester, England. Lifting and transporting truck. 2,669,421, Feb. 16.
- Williams, John C. 2,696,556, Cl. 250—27.
- Williams, John E., Linwood, N. J. Differential electronic amplifier. 2,670,410, Feb. 23.
- Williams, John H., San Francisco, Calif. Spring motor operated rocking doll. 2,668,392, Feb. 9.
- Williams, John M. : *See—*
Huntington, Ross D., Jr., and Williams. 2,696,524.
- Williams, John W. : *See—*
Dracos, John, and Williams. 2,674,462.
- Williams, Joseph A. 2,674,830, Cl. 50—17.
- Williams, Keith H. : *See—*
Pahl, Walter H., Williams, and Tierney. 2,674,555.
- Williams, Laird C. 2,679,995, Cl. 248—105.
- Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Hydraulic scale check link. 2,666,634, Jan. 19.
- Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Magnifying viewer for weighing scales. 2,669,154, Feb. 16.
- Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Capsule gauge. 2,672,695, Mar. 23.
- Williams, Lawrence S., to Toledo Scale Co. 2,688,519, Cl. 308—2.
- Williams, Leon A., to Benrus Watch Co., Inc. 2,682,745, Cl. 59—80.
- Williams, Lloyd D. : *See—*
Robbins, Clyde F., and Williams. 2,689,486.
- Williams, Lucille H. : *See—*
Zientowski, Edward L., and Williams.
- Williams, Luke G. : *See—*
Williams, Charles M. and L. G.
- Williams, Marjorie R. : *See—*
Chiddix, Max E., and Williams. 2,684,386.
- Williams, Martin L. 2,689,541, Cl. 115—17.
- Williams, Melvin L. 2,698,178, Cl. 272—43.
- Williams, Merrel O., to Automatic Telephone & Electric Co. Ltd. 2,685,680, Cl. 310—38.
- Williams, Merton S., to The Eagle Lock Co. 2,682,763, Cl. 70—211.
- Williams, Norman H., assignor to Humphreys & Glasgow Limited, Westminster, England. Manufacture of carbureted water gas and in carburetors for use therein. 2,665,201, Jan. 5.
- Williams, Norman H., assignor to Humphreys & Glasgow Limited, London, England. Production of gas. 2,673,794, Mar. 30.
- Williams, Owen E. : *See—*
Alexander, William R., Williams, Dawson, and Bentz.
- Williams Patent Corporation, assignee : *See—*
Williams, Harry E. 2,680,618.
- Williams, Paul : *See—*
Wickwire, Arthur M., Williams, and Killian. 2,685,856.
- Williams, Paul. 2,674,726, Cl. 340—25.
- Williams, Paul D. : *See—*
Eitel, William W., McCullough, Sorg, Murdock, and Williams. 2,688,707.
- Eitel, William W., McCullough, Sorg, Murdock, and Williams. 2,697,796.
- Sorg, Harold E., Williams, and Drieschman. 2,693,546.
- Williams, Paul D., to Eitel-McCullough, Inc. 2,693,431, Cl. 148—13.1.
- Williams, Paul H. : *See—*
Christian, Raymond A., and Williams. 2,687,252.
- Williams, Phillip S., assignor to Standard Oil Development Company. 2,675,080, Cl. 166—1.
- Williams, Phillip T. 2,674,802, Cl. 32—71.
- Williams, Ralph E., and L. J. Nowak, Jr., to Gardner Wire Co. 2,691,416, Cl. 164—36.
- Williams, Ralph R., Detroit, Mich. High-frequency antenna matching device. 2,671,201, Mar. 2.
- Williams, Ralph R. 2,689,912, Cl. 250—33.67.
- Williams, Ray C. 2,685,774, Cl. 56—249.
- Williams, Ray S., Orrville, Ohio, assignor to Hagan Corporation, Pittsburgh, Pa. Multipressure totalizing device and adjustable fulcrum therefor. 2,669,129, Feb. 16.
- Williams, Ray W. : *See—*
Tolman, Edgar B., Jr., and Williams. 2,686,617.
- Williams, Richard E., to Wilbespan Research Labs, Inc. 2,681,584, Cl. 84—1.18.
- Williams, Richard H., Jr., to Westinghouse Air Brake Co. 2,695,339, Cl. 200—1.
- Williams, Richard J. : *See—*
Flint, Hyland C., and Williams. 2,684,844.
- Williams, Richard M., assignor to Cine-Devices, Inc. 2,674,009, Cl. 18—59.
- Williams, Richard R., Chevy Chase, Md. Temperature control for heating systems. 2,668,664, Feb. 9.
- Williams, Robert F. : *See—*
Malm, Carl J., and Williams.
- Williams, Robert F., Jr., and G. D. Hiatt, assignors to Eastman Kodak Company, Rochester, N. Y. Stabilized lower fatty acid ester of cellulose. 2,673,162, Mar. 23.
- Williams, Robert G. 2,695,603, Cl. 126—85.
- Williams, Roger B., Jr., to The Sperry Corp. 2,697,219, Cl. 343—103.
- Williams, Rollo G., Great Neck, N. Y., assignor, by mesne assignments, to Duro-Test Corporation, North Bergen, N. J. Means for producing colored light beams. 2,673,923, Mar. 30.
- Williams, Rollo G., to Duro-Test Corporation. 2,686,866, Cl. 240—3.1.
- Williams, Russell C., K. J. Mogk, J. W. Cambron, and I. R. Lamport, assignors to Caterpillar Tractor Co. 2,678,703, Cl. 188—77.
- Williams, Samuel B., Chevy Chase, Md., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic computer. Re. 23,807, Mar. 23.
- Williams, Selden T., to Scovill Mfg. Co. 2,685,906, Cl. 152—417.
- Williams, Sidney F., Jr. : *See—*
McKay, John F., Jr., and Williams. 2,676,930.
- Williams, Terry L. : *See—*
Little, Lonnie A., and Williams.
- Williams, Theodore S. : *See—*
Dickinson, Norman L., Hill, and Williams. 2,697,655.
- Williams, Van Z., Old Greenwich, assignor to The Perkin-Elmer Corporation, Glenbrook, Conn. Infrared red gas analyzer. 2,668,243, Feb. 2.
- Williams, Van Z., to The Perkin-Elmer Corp. 2,688,089, Cl. 250—43.5.
- Williams, Vern D. : *See—*
Rhodes, Norris L., and Williams. 2,687,836.
- Williams, Victor G., to Delamore & Williams Co. Ltd. 2,693,067, Cl. 53—86.
- Williams, Walden. 2,687,581, Cl. 35—31.
- Williams, Walter C. 2,681,156, Cl. 211—49.
- Williams, William E., assignor to Reo Motors, Inc., Lansing, Mich. Belt drive transmission with friction reverse. 2,670,630, Mar. 2.
- Williams, William E., Milwaukee, Wis. Restaurant bus cart. 2,673,671, Mar. 30.
- Williams, William W. : *See—*
Freyermuth, Harlan B., Libby and Williams. 2,676,982.
- Stratton, Charles H., and Williams.
- Williams, William W., Easton, Pa., W. E. Wallace, Rensselaer, N. Y., and H. B. Freyermuth, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Triazine fluorescent agents. 2,666,052, Jan. 12.
- Williams, William W., Easton, Pa., and A. F. Strobe, Philipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Dibenzyl derivatives of hydroxy alkyl substituted aliphatic diamines. 2,666,790, Jan. 19.
- Williams, William W., and H. B. Freyermuth, assignors to General Aniline & Film Corporation. 2,680,747, Cl. 260—343.2.

- Williams, William W., W. H. Libby, and H. B. Freyer-muth, to General Aniline & Film Corp. 2,691,653, Cl. 260—247.1.
- Williams & Williams Limited, assignee: *See*—
Fox-Williams, Jack.
- Williams, Willis E., assignor to Chambers Corporation. 2,678,643, Cl. 126—214.
- Williams & Wilson Limited, assignee: *See*—
Lancaster, Arthur W., and Patmore. 2,674,074.
- Williams, Winston F., and E. N. Phillips, assignors to Collins Radio Company, Cedar Rapids, Iowa. Shorting plunger. 2,666,186, Jan. 12.
- Williams, Zebie H. 2,693,777, Cl. 111—49.
- Williamson, Boyce, Birmingham, Ala., assignor to The Ingalls Shipbuilding Corporation. Integrated barge tow and barges for use as component vessels thereof. 2,665,656, Jan. 12.
- Williamson, Charles D. 2,694,810, Cl. 2—79.
- Williamson, Donald E., assignor to Baird Associates, Inc. 2,674,703, Cl. 313—231.
- Williamson, George T.: *See*—
Detling, Kenneth D., Knight, and Williamson.
- Williamson, Hilding V., and C. A. Hampel, to Cardox Corp. 2,683,651, Cl. 23—152.
- Williamson, James M., to The Duriron Co., Inc. 2,693,337, Cl. 251—87.
- Williamson, James W.: *See*—
Vaughan, John T., and Williamson.
- Williamson, James W., assignor to The Ohio Crankshaft Company. 2,678,368, Cl. 219—6.
- Williamson, James W., to The Ohio Crankshaft Co. 2,692,934, Cl. 219—10,79.
- Williamson, Norman B., assignor to Jarman-Williamson Company. 2,676,710, Cl. 211—60.
- Williamson, Ollie, and H. L. Higgins, assignors to Dan River Mills, Incorporated, Danville, Va. Apparatus for tensioning and drying a wet thread. 2,673,385, Mar. 30.
- Williamson, Robert J., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductance coil. 2,673,961, Mar. 30.
- Williamson, Warren B.: *See*—
Davidson, William B., Wyatt, and Williamson. 2,676,319.
- Williamson, William R., to The Maxim Silencer Co. 2,694,676, Cl. 202—235.
- Willig, Hippolyte. 2,677,974, Cl. 74—516.
- Willig, June F., and E. K. McGee. 2,691,469, Cl. 223—46.
- Willig, Joseph E., and R. J. Little, assignors to General Railway Signal Company. 2,678,410, Cl. 317—9.
- Willinger, Harding W., and H. N. Nestler, New York, N. Y. Filter stem for use with the filter of an aquarium. 2,665,250, Jan. 5.
- Willinger, Raimund. 2,681,510, Cl. 33—172.
- Willingham, Charles F. 2,677,521, Cl. 248—226.
- Willingham, John R. 2,674,908, Cl. 77—68.
- Willis, Claude E. F., to R. Hoe & Co. Inc. 2,682,027, Cl. 318—330.
- Willis, Clodius H.: *See*—
Schmidt, August, Jr., Titus, and Willis. 2,697,198.
- Willis, Delbert E., assignor to Mack Manufacturing Corporation. 2,677,440, Cl. 184—6.
- Willis, Elijah J., ½ to D. G. Bell. 2,692,788, Cl. 292—267.
- Willis, George P., assignee: *See*—
Derdin, James K. 2,680,436.
- Willis, Grant N.: *See*—
Clary, Frank A., Jr., and Willis. 2,692,046.
- Willis, Harry G., Blackwood, South Australia, Australia. Inhaler for medicinal substances. 2,672,865, Mar. 23.
- Willis, Hilary B., and H. S. Hopkins, to Westinghouse Electric Corp. 2,686,155, Cl. 252—12.
- Willis, Madonna C., to R. L. Willis. 2,690,568, Cl. 4—110.
- Willis, Russell L.: *See*—
Willis, Madonna C. 2,690,568.
- Willis, Stanley J.: *See*—
Jones, Lerroy V., Willis, and Perry. 2,685,565.
- Willis, Sumner C., to Container Cap Co. 2,689,064, Cl. 222—92.
- Willis, William S. 2,692,468, Cl. 56—35.
- Willison, Donald: *See*—
Spence, Hubert L., and Willison. 2,692,769.
- Willison, Donald, to National Malleable and Steel Castings Co. 2,686,602, Cl. 213—46.
- Willison, Donald, and H. L. Spence, to National Malleable and Steel Castings Co. 2,686,667, Cl. 267—1.
- Willison, Ralph E., North Branch, N. J., assignor to Research Corporation, New York, N. Y. System for energizing electrical precipitators and the like. 2,666,496, Jan. 19.
- Williston Seamless Can Co., Inc., assignee: *See*—
Moore, Mark E. 2,679,816.
- Willits, George W., to Johnson & Johnson. 2,689,643, Cl. 206—57.
- Willits, Leland R. and M. M. 2,688,754, Cl. 4—228.
- Willits, Margaret M.: *See*—
Willits, Leland R. and M. M. 2,688,754.
- Willke, Louis G.: *See*—
Prince, Leon M., Jr., and Willke. 2,678,603.
- Willke, Louis G., Barnsdall, and I. L. Malm, Tallant, Okla., and H. L. Malakoff, Yonkers, N. Y., assignors to Cities Service Oil Company, Bartlesville, Okla. Concentration of aqueous formaldehyde solutions. 2,665,241, Jan. 5.
- Willmott, Herbert J., to United Shoe Machinery Corp. 2,690,560, Cl. 1—32.
- Willmott, Leo J., assignor to National Rubber Machinery Company. 2,677,087, Cl. 318—212.
- Willoughby, Anthony H.: *See*—
Cooper, Anthony D., Nelson, and Willoughby.
- Willoughby, Lively B.: *See*—
Armstrong, Lowell, Willoughby, Morton, and How.
- Willoughby, Richard B.: *See*—
Caples, Donald B., Willoughby, and Datt.
- Willows, Clyde H., assignor to Cecil C. Peck Company. 2,679,938, Cl. 212—17.
- Willrich, Carlton J., Jr.: *See*—
Reddy, Virgin C., and Willrich.
- Wills, Ervin E., to Federal Electric Products Co. 2,695,934, Cl. 200—50.
- Wills, Marion C. and W. J., Topeka, and E. E. Dorkins, Ottawa, Kans.; said Dorkins assignor to said M. C. and W. J. Wills. Ditcher having slidable boom supported bucket control means. 2,669,367, Feb. 16.
- Wills, Marion C. and W. J. 2,682,346, Cl. 214—140.
- Wills, Wayne J.: *See*—
Wills, Marion C. and W. J. 2,682,346.
- Wills, Marion C. and W. J., and Dorkins.
- Willsea, Jasper. 2,692,779, Cl. 281—9.
- Willson, Corwin D. 2,674,775, Cl. 25—155.
- Willson, David S.: *See*—
Woodford, Joseph C., and Willson.
- Willson, Karl S.: *See*—
Du Rose, Arthur H., and Willson. 2,683,115.
- Willson Products, Inc., assignee: *See*—
Hoffmaster, George R.
- Wiswesser, William J.
- Willson, Stuart D.: *See*—
Davis, Selby B., and Willson.
- Willyard, Leslie A., and J. W. Daniels to Hoffman Radio Corp. 2,684,142, Cl. 192—67.
- Willys Motors, Inc.: *See*—
Bright, Wilfred.
- Bright, Wilfred. 2,682,427.
- Rodgers, Joseph.
- Stone, Donald D.
- Wilmer, Elmer E. 2,695,484, Cl. 53—89.
- Wilmot Castle Company, assignee: *See*—
Greppin, Ernest H.
- Wilmotte, Raymond M., assignor to Padevco, Inc., Washington, D. C. Electronic limit micrometer. 2,670,650, Mar. 2.
- Wilmotte, Raymond M., to Padevco, Inc. 2,684,439, Cl. 250—20.
- Wilms, Edmund, Zurich, Switzerland. Means for controlling electrically operated apparatus. 2,673,950, Mar. 30.
- Wilner, John T., to The Hearst Corporation. 2,682,592, Cl. 200—163.
- Wilshire Power Sweeper Company, assignee: *See*—
Lison, Robert J., and Newport. 2,678,462.
- Wilson, Alexander L., and A. M. Mark, to Corn Products Refining Co. 2,683,150, Cl. 260—343.5.
- Wilson, Allen B. 2,688,657, Cl. 179—1.
- Wilson, Andrew G.: *See*—
Miller, Albert A., and Wilson.
- Wilson, Andrew N.: *See*—
Harris, Stanton A., and Wilson.
- Wilson, Andrew N., and S. A. Harris, to Merck & Co., Inc. 2,695,902, Cl. 260—290.
- Wilson, Armin G., Newark, and M. Tishler, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Dihydrostreptomycin tri-(p-aminosalicylate) and preparing the same. 2,669,562, Feb. 16.
- Wilson, Arthur L. 2,689,907, Cl. 240—6.45.
- Wilson, Ben W.: *See*—
Hunter, Herbert T., and Wilson. 2,676,552.
- Wilson, Benjamin S., Akron, Ohio. Storm window. 2,667,670, Feb. 2.
- Wilson, Bernard T., Los Angeles, Calif., assignor, by mesne assignments, to Computer Research Corporation of California. Dynamic diode tester. 2,668,943, Feb. 9.
- Wilson, Bosley E.: *See*—
Harris, George K., and Wilson. 2,684,085.
- Wilson, Burton J., assignor to the United States of America as represented by the Secretary of the Army. 2,677,783, Cl. 315—22.
- Wilson, Calvin L.: *See*—
Pollock, Orthello B., Wilson, and Pintell. 2,684,922.
- Wilson, Charles D., assignor to Allis-Chalmers Manufacturing Company. 2,676,279, Cl. 310—75.
- Wilson, Charles L., R. E. Dineen, and G. J. Bacsik, to Standard Oil Development Co. 2,692,129, Cl. 261—114.
- Wilson, Charles P., Jr.: *See*—
Baral, Leon L., and Wilson. 2,684,340.
- Nicholson, Finley C., and Wilson. 2,685,569.
- Wilson, Charles R., Pekin, Ill. Micrometer tangent bar. 2,669,027, Feb. 16.
- Wilson, Charles S. 2,687,771, Cl. 160—225.
- Wilson, Charles V.: *See*—
Allen, Charles F. H., and Wilson. 2,694,716.
- Wilson, Charles V., to Eastman Kodak Co. 2,685,515, Cl. 95—88.
- Wilson, Charles V., to Eastman Kodak Co. 2,685,516, Cl. 95—88.

- Wilson, Christopher L., assignee: *See*—
Hammon, Henry G.
- Wilson, Clifford B., Ossett, England. Tufting device. 2,672,109, Mar. 16.
- Wilson & Co., Inc.: *See*—
Edgar, Albert C. 2,685,521.
Garapolo, Orlando. 2,693,752.
Moss, Walter E., and Garapolo.
Robinson, Francis E., and Bronson. 2,694,643.
- Wilson, Eldon M., assignor to Super-Compactors, Inc. 2,678,594, Cl. 94—50.
- Wilson, Ernest E. 2,681,974, Cl. 219—40.
- Wilson, Evan F., J. C. Grubb, and F. A. Fowler, to The Babcock & Wilcox Co. 2,691,952, Cl. 113—111.
- Wilson, Everett E. 2,695,157, Cl. 254—131.
- Wilson, Forrest D., 40% to J. H. Frost. 2,696,186, Cl. 114—208.
- Wilson, Frank C., assignor to The Manufacturers and Traders Trust Company, J. A. Ahern, and D. D. Nash, as executors of the estate of K. R. Wilson, deceased. 2,680,287, Cl. 29—288.
- Wilson, Frank R., Lexington, Ky. Hydrometer. 2,668,440, Feb. 9.
- Wilson, Frank R., assignor of 50% to E. A. Abbott. 2,674,261, Cl. 137—498.
- Wilson, Garnet A., Rochester, N. Y. Grinding machine. 2,672,714, Mar. 23.
- Wilson, George S. 2,688,498, Cl. 285—84.
- Wilson, Golder P., assignor to Olin Industries, Inc. 2,678,174, Cl. 242—75.
- Wilson, Golder P., to Olin Industries, Inc. 2,684,001, Cl. 80—56.
- Wilson, Harland D.: *See*—
Burns, Howard C., and Wilson.
- Wilson, Harold B.: *See*—
Hunter, Levi C., and Wilson. 2,686,692.
- Wilson, Harry A.: *See*—
Alix, Elmer C., and Wilson.
Alix, Elmer C., and Wilson. 2,696,844.
- Wilson, Harry C., Sherman Oaks, assignor to R. H. Clark, Los Angeles, Calif. Surface mounted screw cap remover. 2,671,362, Mar. 9.
- Wilson, Harry J.: *See*—
Bruno, Victor M., and Wilson.
- Wilson, Harry R., Waterloo, Iowa, assignor, by mesne assignments, to Skil Corporation. Guard for the periphery of rotary disk cutters on machine tools. 2,669,264, Feb. 16.
- Wilson, Harry W.: *See*—
Wilson, Jack C. and H. W.
- Wilson, Harvey A. 2,689,460, Cl. 61—46.
- Wilson, Helen. 2,681,981, Cl. 240—10.
- Wilson, Henry O., assignee: *See*—
Fusselman, James.
- Wilson, Herbert W., St. Louis, Mo., assignor to The Hoover Company, North Canton, Ohio. Support for electric irons. 2,668,380, Feb. 9.
- Wilson, Herman B. 2,692,439, Cl. 33—172.
- Wilson, Herman W., Jr.: *See*—
Sawyer, Marshall W., Wilson, Kenway, and Overholser. 2,697,543.
- Wilson, Horace A. 2,688,494, Cl. 280—47.13.
- Wilson, Howard L.: *See*—
Welch, Lester M., Nelson, and Wilson.
- Wilson, Howard L., and L. W. Anderson, to Standard Oil Development Co. 2,689,835, Cl. 260—23.7.
- Wilson, Howe E. 2,676,482, Cl. 72—44.
- Wilson, Hugh M., to The International Nickel Co., Inc. 2,686,442, Cl. 80—23.
- Wilson, Ira G.: *See*—
Brehm, Harold B., Kinzer, Smith, and Wilson. 2,680,162.
Edson, William A., and Wilson. 2,688,122.
Kinzer, John P., Marshall, and Wilson. 2,694,186.
- Wilson, Jack C., Garden City, and H. W. Wilson, Hempstead, N. Y. Electric shocking device. 2,667,350, Jan. 26.
- Wilson, Jack P.: *See*—
Redman, Frank R., Hamilton, and Wilson. 2,684,519.
Snedaker, Harry P., and Wilson. 2,693,954.
- Wilson, James A., to Standard Oil Development Co. 2,690,694, Cl. 88—14.
- Wilson, James A., and A. E. Brenneman, to Standard Oil Development Co. 2,685,199, Cl. 73—116.
- Wilson, James M., Vancouver, Wash. Deflation indicator for pneumatic tires. 2,666,106, Jan. 12.
- Wilson, John B., Indianapolis, Ind., assignor, by mesne assignments, to Huyler's, New York, N. Y. Pressure-sustaining sealing head. 2,668,650, Feb. 9.
- Wilson, John B., assignor, by mesne assignments, to Ford Motor Company. 2,674,080, Cl. 56—30.
- Wilson, John H., Wichita Falls, Tex. Precast concrete foundation holding jig. 2,669,013, Feb. 16.
- Wilson, John H., Wichita Falls, Tex. Quick-release air valve. 2,670,751, Mar. 2.
- Wilson, John H. 2,675,897, Cl. 192—3.5.
- Wilson, John M., Glasgow, Scotland. Mold for molding concrete blocks. 2,666,247, Jan. 19.
- Wilson-Jones Company, assignee: *See*—
Buenger, Edward F., Ubrmacher, Cairelli, and Rundblad.
Marano, Herbert W.
Marano, Herbert W. 2,678,575.
Marano, Herbert W. 2,679,723.
Marano, Herbert W. 2,680,245.
Rundblad, George J.
Rundblad, George J., and Wedge. 2,677,291.
Segal, Samuel.
Segal, Samuel. 2,678,046.
Segal, Samuel, and Cairelli.
- Wilson, Kirke R.: *See*—
Wilson, Frank C. 2,680,287.
- Wilson, Lawrence A., to International Business Machines Corp. 2,690,300, Cl. 235—61.11.
- Wilson, Lawrence A., to International Business Machines Corp. 2,690,301, Cl. 235—61.12.
- Wilson, Lawrence A., J. E. Dayger, P. V. Babel, and L. A. Stanton, to International Business Machines Corp. 2,690,222, Cl. 164—115.
- Wilson, Lawrence F., to Lapp Insulator Co., Inc. 2,691,943, Cl. 103—38.
- Wilson, Lloyd: *See*—
Glaab, William L., and Wilson. 2,680,893.
- Wilson, Lorenz H., and J. B. Thompson to Sharon Steel Corp. 2,684,291, Cl. 41—43.
- Wilson, Margaret, assignee: *See*—
Jackson, Lillian. 2,675,552.
- Wilson, Matthew W., to The B. F. Goodrich Co. 2,691,614, Cl. 154—139.
- Wilson, Merl. 2,691,506, Cl. 254—77.
- Wilson, Merrideth D.: *See*—
Douglas, George R., and Wilson. 2,678,564.
- Wilson, Olin C., to the United States of America as represented by the Secretary of the Navy. 2,683,415, Cl. 102—49.
- Wilson, Page L., Los Angeles, Calif. Golf putter. 2,665,909, Jan. 12.
- Wilson, Paul N., assignor to Gilbert Gilkes & Gordon Limited, Kendal, England. Hydraulic brake. 2,670,815, Mar. 2.
- Wilson, Raymond W.: *See*—
Altgelt, Rudolph J., and Wilson. 2,690,113.
Frevik, Ralph C., and Wilson. 2,690,109.
Miller, Raymond J., and Wilson.
- Wilson, Raymond W., Ferndale, assignor, by mesne assignments, to Ford Motor Company, Dearborn, Mich. Implement hitch for tractors. 2,673,509, Mar. 30.
- Wilson, Raymond W., assignor, by mesne assignments, to Ford Motor Company. 2,674,279, Cl. 143—43.
- Wilson, Raymond W., to Ford Motor Co. 2,691,931, Cl. 97—47.1.
- Wilson, Raymond W., and R. C. Frevik, to Ford Motor Co. 2,685,240, Cl. 97—47.1.
- Wilson, Richard O.: *See*—
Bowers, James F. 2,688,445.
Bowers, James F. 2,690,117.
- Wilson, Robert C., Jr., to Socony-Vacuum Oil Co., Inc. 2,694,039, Cl. 202—262.
- Wilson, Robert G., to Goodyear Aircraft Corp. 2,689,935, Cl. 318—322.
- Wilson, Robert H.: *See*—
Adams, Dennis A. W., and Wilson.
- Wilson, Robert K., and E. M. Stoner. 2,696,967, Cl. 251—174.
- Wilson, Robert L. 2,684,734, Cl. 188—74.
- Wilson, Robert M., assignor to Dare Products, Incorporated, Battle Creek, Mich. Packaged fence post assembly. 2,670,075, Feb. 23.
- Wilson, Robert R., assignor to the United States of America as represented by the United States Atomic Energy Commission. 2,677,061, Cl. 250—41.9.
- Wilson, Robert R., to the United States of America as represented by the United States Atomic Energy Commission. 2,697,788, Cl. 250—41.9.
- Wilson, Roy W. 2,690,563, Cl. 2—49.
- Wilson Rubber Co., The: *See*—
Lenhart, George B. 2,683,263.
Lenhart, George B. 2,683,286.
- Wilson, Samuel W., to Standard Oil Development Co. 2,696,508, Cl. 260—643.
- Wilson Supply Co.: *See*—
Sutton, William J. 2,684,638.
Sutton, William J. 2,684,639.
- Wilson, T. Yates: *See*—
Rossi, Irving, Easton, and Wilson. 2,674,019.
- Wilson, Ted R., assignor to Boeing Airplane Company, Seattle, Wash. Float switch. 2,666,823, Jan. 19.
- Wilson, Theodore J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Instrument landing apparatus and method. 2,670,454, Feb. 23.
- Wilson, Thomas A. D. 2,692,652, Cl. 180—82.
- Wilson, Thomas C., Inc.: *See*—
Dunton, Stanley N.
Dunton, Stanley N. 2,689,754.
- Wilson, Thomas H.: *See*—
Lovern, John A., Hanson, Goodwin, and Wilson. 2,686,126.
- Wilson, Thomas L., to National Cylinder Gas Co. 2,684,433, Cl. 219—10.77.
- Wilson, Volney C., to General Electric Co. 2,685,568, Cl. 252—62.5.

- Wilson, Walter H., Mansfield, Ohio. Shockproof locking electrical plug and receptacle. 2,665,341, Jan. 5.
- Wilson, William S., and A. H. Bump to Monsanto Chemical Co. 2,684,300, Cl. 92—3.
- Wilson, Win E. 2,688,167, Cl. 20—92.
- Wiltsey, Howard E.: *See*—
Heth, Sherman C., and Wiltsey. 2,678,239.
- Wiltshire, George R. 2,687,889, Cl. 273—86.
- Wimberly, Floyd T., to Raytheon Mfg. Co. 2,688,112, Cl. 318—28.
- Wimmer, Ernest L., to The American Sugar Refining Co. 2,685,579, Cl. 260—209.
- Wimmer, Ernest L., to The American Sugar Refining Co. 2,686,777, Cl. 260—209.
- Wimmer, Ernest L., to The American Sugar Refining Co. 2,686,778, Cl. 260—209.
- Wimmer, Ludwig: *See*—
Holstebro, Kaye B., and Wimmer.
- Wimmer, Ludwig, and E. Ardell, to Emhart Mfg. Co. 2,686,623, Cl. 226—14.
- Winberg, Ferdinand F., Holden, Mass. Surface cleaning tool. 2,669,739, Feb. 23.
- Winberg, Ferdinand F., and E. Buehler, to American Aero-Nav. Inc. 2,690,500, Cl. 219—44.
- Winberg, Travis W., to Toledo Scale Co. 2,685,315, Cl. 146—102.
- Wincentson, Forest R., E. Marik, and R. A. Burns. 2,693,038, Cl. 36—45.
- Winchell, Arthur B.: *See*—
Zeigler, Philip B., and Winchell. 2,693,613.
- Winchester, Amos J., Jr.: *See*—
Schaelchlin, Walter, Winchester, and Ponstingl.
- Winchester, Amos J., Jr., to Westinghouse Electric Corp. 2,684,458, Cl. 318—6.
- Winchester, John H., and M. Achterhof, to The Eagle-Picher Co. 2,691,798, Cl. 18—19.
- Winder, Frank J., Ottawa Hills, assignor to Surface Combustion Corporation, Toledo, Ohio. Coil separator. 2,671,656, Mar. 9.
- Winder, Samuel L.: *See*—
Vierling, Walter V. 2,681,135.
- Youkers, Harold A., and Vierling.
- Windisch, Thomas: *See*—
Seyter, William C., Mender, and Windisch. 2,690,906.
- Seyter, William C., Mender, and Windisch. 2,690,948.
- Wind-King Electric Mfg. Co.: *See*—
Swanson, Russel. 2,691,421.
- Windle, Chester E. 2,679,706, Cl. 42—70.
- Windsor, Walter E., to Bendix Aviation Corp. 2,695,207, Cl. 312—31.
- Wind Turbine Co.: *See*—
Weeks, Robert W., and Veldhuis. 2,690,890.
- Winebaugh, Duell: *See*—
Howard, Marion E., and Winebaugh. 2,679,403.
- Wineman, Walter, Jr. 2,679,431, Cl. 296—28.
- Winer, Bernard B.: *See*—
Baudry, René A., and Winer. 2,679,606.
- Winer, Hans, to Landis & Gyr, A. G. 2,697,145, Cl. 200—67.
- Winer, Hans, and A. Käser, to Landis & Gyr, A. G. 2,694,525, Cl. 236—99.
- Winfield, Walter A.: *See*—
Gacki, Leonard W., and Winfield.
- Winfree, Robert N., and C. R. Bishop. 2,682,961, Cl. 214—308.
- Wing, Albert G. 2,680,656, Cl. 306—35.
- Wing, Dodge E.: *See*—
Wing, Russell T. and D. E. 2,695,511.
- Wing, George S., to Transland Co. 2,682,914, Cl. 155—31.
- Wing, James E. 2,694,292, Cl. 61—29.
- Wing, Russell T. 2,685,273, Cl. 120—45,6.
- Wing, Russell T. and D. E. 2,695,511, Cl. 70—456.
- Winger, Joseph A. 2,692,810, Cl. 312—215.
- Winger, Milton, and G. B. Keller. 2,693,682, Cl. 62—115.
- Winger, Stover C., 15¢ to J. Flam. 2,696,829, Cl. 137—116.
- Winger, Wayne D., and M. E. Femmer, to International Business Machines Corp. 2,695,992, Cl. 340—174.
- Winget Limited, assignee: *See*—
Searls, Edward C. 2,674,328.
- Winger, William A. Re. 23,895, Cl. 37—2.
- Wingfield, Grover L. 2,692,453, Cl. 43—61.
- Wingfoot Corp.: *See*—
Flory, Paul J. 2,691,006.
- Wingland Lumber Co., assignee: *See*—
Knight, Raymond W.
- Winkel, Herbert C., Watervliet, Mich. Grid pasting machine. 2,669,376, Feb. 16.
- Winkel, Victor J., to Laminated Lumber Products, Inc. 2,684,149, Cl. 198—162.
- Winkelman, Albert A., Seattle, Wash. Fishline snap fastener. 2,664,612, Jan. 5.
- Winkelman, Harvey E., and H. E. Winkelman, Jr.; said H. E. Winkelman, Jr., to said H. E. Winkelman. 2,684,635, Cl. 103—113.
- Winkelman, Harvey E., Jr.: *See*—
Winkelman, Harvey E., and H. E. Winkelman, Jr. 2,684,635.
- Winkelman, James, Miami, Fla. Electromagnetic vibrator for aerators. 2,673,938, Mar. 30.
- Winkle, Vincent J.: *See*—
Lackner, Robert V., Logan, and Winkle. 2,676,234.
- Winkler, Albert. 2,683,534, Cl. 210—56.
- Winkler, Albert H., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition timing device. 2,671,437, Mar. 9.
- Winkler, Albert H., to Bendix Aviation Corp. 2,694,387, Cl. 123—59.
- Winkler, Alvin L., to Acme Steel Co. 2,697,829, Cl. 1—2.
- Winkler, Charles, New York, N. Y. Spray booth and fire extinguishing mechanism for the same. 2,664,955, Jan. 5.
- Winkler, Frederic C.: *See*—
Wyman, Burton A., and Winkler.
- Winkler, Herman E. and M. F. Lebanon, Ind., assignors, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Torque transmitting coupling. 2,667,768, Feb. 2.
- Winkler, Joseph, New York, N. Y., assignor to By-Products Processing Laboratories, Inc. Tetradecylamine salt of O-phenylphenol. 2,668,136, Feb. 2.
- Winkler, Juan L. 2,698,145, Cl. 242—80.
- Winkler, Maurice F.: *See*—
Winkler, Herman E. and M. F.
- Winkler, Raymond W.: *See*—
Rex, Walter A., and Winkler.
- Winkler, Richard, and K. Dünnebie, to Berkley Machine Co. 2,686,052, Cl. 271—3.
- Winkler, Richard, and M. Dünnebie, deceased (by K. Dünnebie, administrator), to Berkley Machine Co. 2,690,103, Cl. 93—62.
- Winkler, Richard, and M. Dünnebie, deceased (by K. Dünnebie, administrator), to Berkley Machine Co. 2,694,351, Cl. 93—63.
- Winkler, Robert L.: *See*—
Hopwood, Charles E., and Winkler. 2,674,941.
- Winkler, Wynn G., and R. I. Anderson, to The Brunswick-Balke-Collender Co. 2,688,217, Cl. 51—174.
- Winko-Matic Signal Company, The, assignee: *See*—
Hart, Irwin M. 2,679,635.
- Winn, Francis W., Woodbury, and L. R. Steffens, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Recovering propane and heavier hydrocarbons. 2,666,019, Jan. 12.
- Winn, Oliver H., Baldwinsville, N. Y., assignor to General Electric Company. Automatic frequency control circuits for superheterodyne microwave receivers. 2,667,636, Jan. 26.
- Winn, Welton B., assignor of 1/2 to R. L. House. 2,677,717, Cl. 174—44.
- Winner, Inc.: *See*—
Purves, John H. 2,684,486.
- Winner, Mark H., Jr. 2,675,460, Cl. 219—39.
- Winona Tool Manufacturing Company, assignee: *See*—
Fuglie, Elmer A.
- Winslow, Albert E., and J. A. Bradshaw, Greenville, S. C., assignors to J. P. Stevens & Co., Inc. Twist control means for yarn winding machines. 2,667,030, Jan. 26.
- Winslow, Albert E., and J. A. Bradshaw, to J. P. Stevens & Co., Inc. 2,689,448, Cl. 57—105.
- Winslow, Albert E., and J. A. Bradshaw, to J. P. Stevens & Co., Inc. 2,694,896, Cl. 57—1.
- Winslow, Field H.: *See*—
Baker, William O., Grisdale, and Winslow. 2,697,029.
- Winslow, John C. 2,677,539, Cl. 264—15.
- Winslow, William D. 2,678,490, Cl. 30—89.
- Winslow, William R.: *See*—
Early, Paul F., and Winslow. 2,674,412.
- Winslow, William R., Culver City, Calif. Vibration damping device. 2,668,603, Feb. 9.
- Winsor & Jerauld Manufacturing Company, assignee: *See*—
Roberts, Thomas C.
- Winsor, Philip A.: *See*—
Garner, Philip J., Winsor, and Lumb. 2,687,439.
- Winsten, Walter A., to Food Research Laboratories, Inc. 2,683,716, Cl. 260—295.
- Winstrom, Bertil G.: *See*—
Croswell, Althos M., and Winstrom. 2,692,159.
- Winstrom, Leon O., East Aurora, N. Y., and W. B. Harris, Benson, Ariz., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Regeneration of nickel-sulfide-alumina type catalysts. 2,671,763, Mar. 9.
- Winter, Ernest F., and H. A. Havemann, to Power Jets (Research and Development) Ltd. 2,680,951, Cl. 60—39,65.
- Winter, John R., Jr., assignor to J. R. Winter, Sr., Detroit, Mich. Constructing rocker arms. 2,667,688, Feb. 2.
- Winter, John R., Sr., assignee: *See*—
Winter, John R., Jr.
- Winter, Mahlon A., to The Glenn L. Martin Co. 2,693,780, Cl. 113—44.
- Winter, Otto: *See*—
Reichert, Otto, and Winter. 2,692,037.
- Winter, Otto, to Olympia Werke West Gesellschaft mit beschränkter Haftung. 2,692,038, Cl. 197—103.
- Winter, Robert C., Buffalo, and J. W. Wheeler, Grand Island, assignors to Bell Aircraft Corporation. Wheatfield, N. Y. Retractable aircraft undercarriage. 2,667,316, Jan. 26.
- Winter-Weiss Co., The: *See*—
Colquitt, Odie. 2,682,388.
- Winterbottom, Robert, Pearl River, P. Eichler, Congers, and C. Pidacks, Spring Valley, assignors to American Cyanamid Company, New York, N. Y. Purification of chlortetracycline. 2,671,806, Mar. 9.

- Winterburn, George A., Putnam, C. B., Walworth, Rocky Hill, and L. E. Lawrence, Putnam, Conn., said Walworth and said Lawrence assignors to said Winterburn. Clutch type speed responsive device with magnetic link. 2,668,043, Feb. 2.
- Wintercorn, Andrew F.: *See*—
Johnson, John H. 2,696,232.
- Wintergreen, Charles J.: *See*—
Coven, Benjamin L., Wintergreen, and Oliver. 2,683,507.
- Winterhalter, Alfred C., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa., Radiant energy system for distance measuring. 2,665,420, Jan. 5.
- Wintermann, Ewald L. 2,685,433, Cl. 257—3.
- Wintermute, Harry A.: *See*—
Hedberg, Carl W. J., and Wintermute. 2,677,434.
- Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Electrified, centrifugal gas cleaning device. 2,667,942, Feb. 2.
- Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Electrode structure. 2,668,600, Feb. 9.
- Wintermute, Harry A., to Research Corp. 2,684,760, Cl. 209—127.
- Wintermute, Harry A., to Research Corp. 2,694,464, Cl. 183—7.
- Wintermute, Harry A., to Research Corp. 2,696,273, Cl. 183—7.
- Winters, Charles E., Crawfordsville, Ind. Puzzle. 2,670,961, Mar. 2.
- Winters, Harold W. 2,693,041, Cl. 38—140.
- Winters, Harry K.: *See*—
Plass, Raymond B., and Winters. 2,685,919.
- Winters, James R., and V. A. Agostini. 2,692,069, Cl. 224—1.
- Winters, Paul S.: *See*—
Wells, Joshua R., Jr., and Winters. 2,691,452.
- Winters, Roy S.: *See*—
Black, Karl H., and Winters.
- Winters, Vernon C.: *See*—
Ellen, Verner G. 2,695,702.
- Winters, Walter H.: *See*—
West, George T., Winters, Odell, and Stokes. 2,687,110.
- Winters, William P., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Sheet feeding and slitting machine with strip feeding device. 2,668,591, Feb. 9.
- Winters, William P., Cincinnati, Ohio, and W. Pechy, Belmar, N. J., assignors to American Can Company, New York, N. Y. Mechanism for stripe coating articles. 2,672,842, Mar. 23.
- Wintersberger, Karl, and G. Koudela, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 2,690,958, Cl. 23—137.
- Winterstein, Alexander, assignor to Arvey Corporation. 2,676,130, Cl. 167—30.
- Winther, Anthony, to Eaton Mfg. Co. 2,692,843, Cl. 154—81.
- Winther, Jerrold B., Kenosha, Wis., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Rectifying apparatus for inductive electrical loads. 2,673,947, Mar. 30.
- Winther, Jerrold B., to Eaton Mfg. Co. 2,693,722, Cl. 74—750.
- Winther, Martin P., to Eaton Mfg. Co. 2,685,055, Cl. 318—231.
- Winther, Martin P., to Eaton Mfg. Co. 2,693,261, Cl. 192—215.
- Winther, Martin P., to Eaton Mfg. Co. 2,697,367, Cl. 74—761.
- Winther, Martin P., and A. S. Gill, Jr., to Eaton Mfg. Co. 2,697,368, Cl. 74—769.
- Winthrop-Atkins Co., Inc., assignee: *See*—
Knobel, Max. 2,674,308.
- Winthrop-Stearns Inc.: *See*—
Carroll, Richard H., and Spadaro. 2,685,553.
- Ruddy, Arlo W., and Secker. 2,680,115.
- Wintle, Thomas D. G.: *See*—
Besag, Ernst, and Wintle.
- Besag, Ernst, and Wintle. 2,678,981.
- Besag, Ernst, and Wintle. 2,688,674.
- Winzen, Hans P., to Bendix Aviation Corp. 2,693,281, Cl. 210—165.
- Winzen, Otto C.: *See*—
La Merc, Frank J., Johnson, and Winzen.
- Winzen, Otto C., and V. H. 2,681,774, Cl. 244—31.
- Winzen, Vera H.: *See*—
Winzen, Otto C., and V. H. 2,681,774.
- Wiquel, Valentino: *See*—
Meauze, Francois, and Wiquel. 2,698,260.
- Wire, Harry W. 2,694,862, Cl. 33—172.
- Wiremold Co., The: *See*—
D'Esopo, Francis P. 2,682,644.
- Wirkkala, Albert R. 2,682,120, Cl. 37—126.
- Wirsching, Robert E., to Bell Telephone Laboratories, Inc. 2,694,189, Cl. 339—97.
- Wirth, Hans, assignor, by mesne assignments, to Thermoid Company. 2,676,761, Cl. 242—7.
- Wirth, Max M., and W. J. Oldham, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Production of phosphorus esters from hydroperoxide. 2,666,779, Jan. 19.
- Wirth, Otto, to Micali A.-G. 2,685,444, Cl. 270—79.
- Wirth, Walter V., to E. I. du Pont de Nemours & Co. 2,681,358, Cl. 260—451.
- Wirth, Walter V., to E. I. du Pont de Nemours and Co. 2,688,014, Cl. 260—239.3.
- Wirz, Henry, Long Beach, Calif. Rotary turbine-type hydraulic coupling. 2,670,602, Mar. 2.
- Wisconsin Alumni Research Foundation: *See*—
Knight, Stanley G.
- Ralls, Jack W., Wildman, McCaleb, and Wilds. 2,674,627.
- Seldman, Martin, and Link.
- Weckel, Kenneth G., and Welch. 2,692,831.
- Wise, Cecil D., and L. Skipwith, Jr., to Sprayers & Nozzles, Inc. 2,683,060, Cl. 299—97.
- Wise, Edgar W.: *See*—
Denison, Walter A., and Wise. 2,689,872.
- Wise, Elmer L., to Underwood Corp. 2,687,795, Cl. 197—3.
- Wise, Gary E., to Holdenline Co. 2,694,877, Cl. 43—42.33.
- Wise Potato Chip Co.: *See*—
Badger, Walter L. 2,685,249.
- Xander, Paul A.
- Wise, Raleigh J.: *See*—
Ridings, Garvice H., Wise, and Worthen. 2,689,273.
- Wise, Raleigh J., and G. H. Ridings, assignors to The Western Union Telegraph Company. 2,675,489, Cl. 250—219.
- Wise, Ralph H., assignor to Ford Motor Company. 2,677,155, Cl. 20—40.5.
- Wise, Ralph H., to Ford Motor Co. 2,689,749, Cl. 280—153.
- Wise, Robert L.: *See*—
Henson, Walter A., Kelly, Taber, Wise, and Schurr. 2,689,235.
- Wiseman, William A., assignor to Continental Motors Corporation, Muskegon, Mich. Engine control system. 2,664,870, Jan. 5.
- Wiser, Guy B. 2,687,901, Cl. 281—19.
- Wishart, James: *See*—
Gerow, Gordon P., and Wishart. 2,693,822.
- Wishart, James, assignor, by mesne assignments, to Consolidated Vacuum Corporation, Rochester, N. Y. High vacuum diffusion pump. 2,668,005, Feb. 2.
- Wisher, Thomas G., assignor, by mesne assignments, to Sinclair Oil and Gas Company, Tulsa, Okla. Prevention of corrosion. 2,671,757, Mar. 9.
- Wisher, Thomas G., Tulsa, Okla., assignor to Sinclair Refining Company, New York, N. Y. Resolving emulsions. 2,671,762, Mar. 9.
- Wishlinski, Thomas J.: *See*—
Schuessler, Frederick W., and Wishlinski. 2,675,329.
- Wishlinski, Thomas J., and F. W. Schuessler, assignors to Standard Oil Company. 2,675,328, Cl. 106—278.
- Wisnasky, Herschel L.: *See*—
De Ment, Harold E., and Wisnasky.
- Wisner, John A., Baltimore, Md. Combined rinsing and detergent container. 2,671,239, Mar. 9.
- Wisner, Walter M.: *See*—
Kupce, Emil J., and Wisner.
- Wisniewski, Edward G. 2,685,236, Cl. 94—22.
- Wissinger, Ramon E. 2,691,193, Cl. 20—55.
- Wissman, Reuben E., assignor to The Minster Machine Company, Minster, Ohio. Friction clutch and brake on geared type presses. 2,667,248, Jan. 26.
- Wistrand, Harold B.: *See*—
Bretson, Waldo G., and Wistrand. 2,693,918.
- Wiswesser, William J., Kutztown, assignor to Willson Products, Inc., Reading, Pa. Making filter material. 2,670,305, Feb. 23.
- With, Bror. 2,682,415, Cl. 280—11.35.
- Withall, William E., to W. H. Miner, Inc. 2,692,768, Cl. 267—9.
- Witherell, Robert R., to Henney Motor Co., Inc. 2,697,484, Cl. 158—36.3.
- Withers, John G., and H. J. Hulf, Sunbury-on-Thames, and A. Rubach, Feltham, assignors to Anglo-Iranian Oil Company Limited, London, England. Electronic selection of a combustion point or similar point on a wave. 2,666,325, Jan. 19.
- Withers, Raymond A. 2,684,853, Cl. 273—135.
- Withey, Edward L., Jr. 2,692,979, Cl. 339—31.
- Witkin, Leon C. 2,696,607, Cl. 340—252.
- Witkowiak, Leon J. 2,695,828, Cl. 311—88.
- Witman, Eugene D., to Columbia-Southern Chemical Corp. 2,695,225, Cl. 71—2.4.
- Witschonke, Charles R., to American Cyanamid Co. 2,695,353, Cl. 219—20.
- Witsenburg, Emilius C., assignor to Hartford National Bank and Trust Company, as trustee. 2,676,242, Cl. 219—10.57.
- Witt, Chester: *See*—
Skoli, Sigmund P., Moon, and Witt. 2,691,873.
- Witt, Kenneth F., assignor to Goodspeed Machine Company. 2,678,669, Cl. 144—144.
- Witt, Robert H.: *See*—
Lock, Donald S., MacDonald, Sawyer, and Witt. 2,691,861.
- Miller, Raymond J., Sawyer, and Witt.
- Sawyer, Frederick D., and Witt.
- Sawyer, Frederick D., and Witt. 2,674,079.
- Witt, Robert H., Royal Oak, assignor to Dearborn Motors Corporation, Birmingham, Mich. Beater assembly for cotton harvesters. 2,664,686, Jan. 5.
- Wittbecker, Emerson L., and R. C. Houtz, to E. I. du Pont de Nemours & Co. 2,685,573, Cl. 260—78.

- Wittecoff, Harold, and M. M. Renfrew, to General Mills, Inc. 2,695,908, Cl. 260—398.5.
- Witte, Werner F., to The Strong Electric Corp. 2,681,983, Cl. 240—47.
- Wittek Manufacturing Co., assignee: See—
Stade, Bertil. 2,675,253.
Stade, Bertil. 2,677,164.
- Wittel, George: See—
Wittel, Otto and G. 2,688,389.
- Wittel, Otto, to Eastman Kodak Co. 2,691,322, Cl. 88—57.
- Wittel, Otto, and V. H. Jungjohann, to Eastman Kodak Co. 2,685,415, Cl. 242—55.
- Wittel, Otto and G., to Eastman Kodak Co. 2,688,389, Cl. 192—41.
- Witten, Benjamin: See—
Falkof, Melvin M., Witten, and Gehauf. 2,678,260.
- Wittenberg, Aladar E., New York, N. Y. Therapeutic pad and belt structure. 2,670,734, Mar. 2.
- Wittenberg, Hubert H., Lancaster, Pa., assignor to Radio Corporation of America. Variable regulated ignitron rectifier. 2,673,953, Mar. 30.
- Wittenberg, Hubert H., to Radio Corp. of America. 2,691,158, Cl. 340—253.
- Wittenburg, Charles W.: See—
Pan, Wen Y., and Wittenburg. 2,686,879.
- Witter, Melvin L., assignor of $\frac{1}{4}$ to M. L. and R. Kirschbaum. 2,674,258, Cl. 137—209.
- Witters, Robert F., to the United States of America as represented by the Secretary of the Army. 2,689,931, Cl. 317—253.
- Wittkuhn, Bruno A., H. G. D. Nutting, and G. F. Hill, assignors to National Paper Bottle Co. Inc. 2,674,929, Cl. 93—36.
- Wittle, Eugene L.: See—
Snell, Esmond E., Wittle, and Moore. 2,680,767—8.
- Wittman, Richard C. 2,694,776, Cl. 240—54.
- Wittman, Verna M., assignee: See—
Broz, Albert F.
- Wittmann, Robert A., Chicago, Ill. Diaphragm valve. 2,669,249, Feb. 16.
- Wittmann, Robert A., Chicago, Ill. Safety control system for gas burners employing single point ignition. 2,670,035, Feb. 23.
- Wittmann, Robert A. 2,683,486, Cl. 158—143.
- Wittmann, Robert A. 2,688,364, Cl. 158—133.
- Wittmann, Robert A. 2,688,446, Cl. 236—88.
- Wittmayer, Sander A., New York, N. Y. Swing frame changing ring. 2,666,305, Jan. 19.
- Wittnebert, Frederick R., Chicago, Ill., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,670,711, Mar. 2.
- Witzke, Ernest C., C. W. Wehmeyer, and E. S. Brown, to Combustion Engineering, Inc. 2,694,385, Cl. 122—406.
- Witzky, Julius E.: See—
Kaniut, Paul J., and Witzky. 2,692,586.
- Wixson, Sanford, and E. J. von Bolhar, San Francisco, assignors to Super-Compactors, Inc., Sacramento, Calif. Axle locking device for oscillatable wheel and axle assembly. 2,673,499, Mar. 30.
- Wiz-Products, Inc.: See—
Tamminga, William J. 2,691,536.
Tamminga, William J. 2,695,795.
- Wizeman, Karl C.: See—
Chambers, Albert M., Jr., Greiner, and Wizeman.
- Wizinger, Robert, assignor to Ciba Limited, Basel, Switzerland. Methines and making same. 2,671,783, Mar. 9.
- Wleügel, Johan: See—
Nickelsen, Dag, Nilsen, and Wleügel. 2,695,252.
- Woboril Company, The, assignee: See—
Woboril, Peter P., Sr., and Sturgeon. 2,676,066.
- Woboril, Peter P., Sr., and D. D. Sturgeon, assignors to The Woboril Company. 2,676,066, Cl. 304—15.
- Wockenfuss, William, and H. A. Speh, to Burroughs Corp. 2,683,410, Cl. 101—93.
- Woekner, Harry, also known as H. Weckner, assignor of $\frac{1}{2}$ to C. Milette, and $\frac{1}{2}$ to P. Locke, Jr. 2,680,617, Cl. 272—33.
- Woehrl, Robert L.: See—
Rugg, Ormund E., and Woehrl. 2,683,334.
- Woerdemann, Hugo H., to North American Aviation, Inc. 2,682,633, Cl. 322—32.
- Woerner, Leo G., Jr.: See—
Orr, Lyman W., and Woerner. 2,685,653.
- Wofford, Catherine P., administratrix: See—
Palmer, Joseph D.
- Wofford, Jack A. 2,692,144, Cl. 280—164.
- Wohanka, George J.: See—
Bader, Gerald L., and Wohanka. 2,678,030.
- Wohl, Kurt A.: See—
Wenzelberger, Elwood P., and Wohl.
- Wohlforth, Walter W. 2,675,200, Cl. 248—201.
- Wohlmeyer, Josef A. 2,685,404, Cl. 230—56.
- Wohlrab, Curt, Jr., assignor to Musik-Haus "Wohlrab" G. m. b. H., Heidelberg, Germany. Valve or piston mechanism for brass band instruments. 2,665,606, Jan. 12.
- Woina, Benjamin A., to Republic Steel Corp. 2,690,371, Cl. 312—231.
- Woina, Benjamin A., and L. E. Blazey, to Republic Steel Corp. 2,693,402, Cl. 312—330.
- Woistmann, Edwin N.: See—
Bitzer, Jack A., and Woistmann. 2,694,210.
- Wojcik, Bruno H., to Hooker Electrochemical Co. 2,692,264, Cl. 260—247.
- Wojtowicz, Wesley J.: See—
Montgomery, Harley A., Sulikowski, and Wojtowicz. 2,686,732.
- Wolar, Isidore. 2,687,867, Cl. 248—343.
- Wolbaum, Harry. 2,685,810, Cl. 81—88.
- Wolbert, Melvin M. 2,689,125, Cl. 272—33.
- Wold, Trygve, to Smith & Stone Ltd. 2,693,024, Cl. 29—155.52.
- Wolf, Alfred A., Dallastown, Pa., assignor to the United States of America as represented by the Secretary of the Navy. Motion generator for testing servo mechanisms. 2,667,609, Jan. 26.
- Wolf, Arthur M., Coogee, near Sydney, New South Wales, Australia. Guard apparatus for the needles of knitting machines. 2,672,036, Mar. 16.
- Wolf Brothers, Inc., assignee: See—
Soffa, Albert. 2,679,350.
Soffa, Albert. 2,679,351.
- Wolf, Burton M.: See—
Armstrong, Robert R., and Wolf.
- Wolf, Charley W., to Midland Industries. 2,697,577, Cl. 248—278.
- Wolf, Edward, to Goodyear Aircraft Corp. 2,690,889, Cl. 244—103.
- Wolf, Elmer W., to The Cleveland Heater Co. 2,692,936, Cl. 219—38.
- Wolf, Ernst, to American Optical Co. 2,690,554, Cl. 340—369.
- Wolf, Eugene H.: See—
Spurlino, Pascal, Kibler, and Wolf. 2,688,128.
- Wolf, Frank J., to Merck & Co., Inc. 2,683,142, Cl. 260—210.
- Wolf, Jacques, & Co.: See—
Sellet, Lucien, and Dawson. 2,690,434.
- Wolf, James M., to the United States of America as represented by the Secretary of the Navy. 2,681,986, Cl. 250—13.
- Wolf, James M., to the United States of America as represented by the Secretary of the Navy. 2,692,971, Cl. 324—58.
- Wolf, Joseph E., to Standard Oil Co. 2,697,065, Cl. 196—31.
- Wolf, Leonard J.: See—
Smith, John P. 2,683,448.
- Wolf, Lloyd J., assignor to Twin Disc Clutch Company, Racine, Wis. Rotary, turbine-type hydraulic coupling. 2,673,450, Mar. 30.
- Wolf, Lloyd J. 2,682,419, Cl. 280—405.
- Wolf, Paul A., assignor to The Dow Chemical Company, Midland, Mich. Controlling stem-end decay and mold on citrus fruits. 2,668,115, Feb. 2.
- Wolf, Paul A., assignor to The Dow Chemical Company, Midland, Mich. Controlling stem-end decay and mold on citrus fruits. 2,668,116, Feb. 2.
- Wolf, Robert A., South Wales, and R. J. Woods, Grand Island, assignors to Bell Aircraft Corporation, Wheatfield, N. Y. Ducted fan jet aircraft engine. 2,672,726, Mar. 23.
- Wolf, Robert J., Cleveland, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Light stable vinylidene chloride polymer compositions. 2,673,191, Mar. 23.
- Wolf, Robert J., to The B. F. Goodrich Co. 2,686,172, Cl. 260—80.5.
- Wolf, Walter A., to Switches, Inc. 2,688,100, Cl. 290—36.
- Wolfanger, Fred J. 2,677,138, Cl. 5—356.
- Wolfe, Dexter L., and E. A. Ruddy, to The Institute of Paper Chemistry. 2,686,748, Cl. 154—100.
- Wolfe, Ernest E., West Los Angeles, and A. G. Schneck, Los Angeles, Calif., assignors to Schuck Manufacturing Co., Inc. Articulated Venetian blind tape. 2,672,193, Mar. 16.
- Wolfe, Gurdon T. 2,694,232, Cl. 20—2.
- Wolfe, Henry J., Akron, assignor to National Gypsum Company, Clarence Center, N. Y. Winding machine. 2,668,675, Feb. 9.
- Wolfe, Howard, and H. W. Samolewitz, to Margon Corp. 2,696,064, Cl. 46—169.
- Wolfe, Kenneth R. D.: See—
Roberts, Bob R., and Wolfe. 2,698,026.
- Wolfe, Mable M. 2,682,058, Cl. 4—159.
- Wolfe, Ralph A., to the United States of America as represented by the United States Atomic Energy Commission. 2,695,364, Cl. 250—83.6.
- Wolfe, Richard C., Los Angeles, Calif. Releasable sealing closure. 2,671,574, Mar. 9.
- Wolfe, Walter W., assignor to Superior Separator Company. 2,676,002, Cl. 259—41.
- Wolferz, Edwin C., Nutley, N. J. Welded tubing end construction. 2,669,467, Feb. 16.
- Wolff, Carl, to Milwaukee Gas Specialty Co. 2,687,501, Cl. 317—168.
- Wolff, Ernst. 2,698,289, Cl. 202—248.
- Wolff, Irving, to Radio Corp. of America. 2,688,132, Cl. 343—16.
- Wolff, Ivan A., and P. R. Watson, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Making nonswelling starch granules with diisocyanates. 2,668,169, Feb. 2.
- Wolff, Joachim, assignor to Fortiphone Limited. 2,680,157, Cl. 179—107.

- Wolff, Joachim, assignor to Fortiphone Limited. 2,680,158, Cl. 179—107.
- Wolff, John A., to Milwaukee Gas Specialty Co. 2,691,056, Cl. 136—4.
- Wolff, Paul H. W.: *See—*
Frankel, Adolf, Morris, Wolff, and Mitchell. 2,686,653.
- Wolff, Willard F. 2,692,519, Cl. 77—66.
- Wolff, William F.: *See—*
Johnson, Carl E., and Wolff. 2,697,722.
- Wolfgang von Berlepsch-Valendas, assignee: *See—*
Melenhofer, Johann. 2,674,809.
- Wolfram, Arthur: *See—*
Sennewald, Kurt, and Wolfram.
- Wolfram, George: *See—*
Brennan, Elmer W., Chapman, and Wolfram. 2,678,937.
- Wolfram, Melville L., and S. M. Olin, to The Ohio State University Research Foundation. 2,691,012, Cl. 260—211.
- Wolk, Leon. 2,697,768, Cl. 219—4.
- Wollam Aircraft and Marine Products Co.: *See—*
Wollam, Carl K. 2,684,221.
- Wollam, Carl K., to Wollam Aircraft and Marine Products Co. 2,684,221, Cl. 248—27.
- Wollaston, Laurence C. 2,691,289, Cl. 70—227.
- Wollensak Optical Co.: *See—*
Czarnikow, George K. 2,696,052.
- Wollentin, Otto R.: *See—*
Greiner, Arno, and Wollentin. 2,686,539.
Greiner, Arno, and Wollentin. 2,693,204.
- Wollentin, Robert W., Bloomfield, and R. Nagy, Upper Montclair, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Improved cadmium halophosphate phosphors. 2,672,451, Mar. 16.
- Woller, Edward E., to Simmons Co. 2,685,486, Cl. 311—38.
- Woller, Edward E., to Simmons Co. 2,685,487, Cl. 311—40.
- Wollner, Herbert J., and G. S. Freeman, to American Conditioning House, Inc. 2,684,595, Cl. 73—432.
- Wollner, Herman, assignee: *See—*
Zeuzem, Friedrich R.
- Wollpert, Daniel, and S. W. Lund, to General Electric Co. 2,695,688, Cl. 189—36.
- Wolofski, Nicholas, assignor to The Murray Corporation of America, Detroit, Mich. Seat and back cushion construction. 2,670,786, Mar. 2.
- Wolosianski, Aleksander, to National Heating Products Sales Ltd. 2,686,356, Cl. 29—202.
- Wolowitz, William H., Washington, D. C. Identification card or the like. 2,666,655, Jan. 19.
- Wolper, Edward I. 2,675,545, Cl. 340—366.
- Wolpert, Leo A., West Point, Nebr. Mixing device. 2,671,647, Mar. 9.
- Wolske, Lawrence E.: *See—*
Nelson, James A., Kamin, and Wolske. 2,676,582.
- Woltanski, Adolph E., to Redmond Co., Inc. 2,697,795, Cl. 310—258.
- Wolter, Frederick J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparing a silica sol. 2,671,056, Mar. 2.
- Wolter, Kurt, to August Sauter KG. Fein- und Schnellwagen-Fabrik. 2,694,566, Cl. 265—70.
- Wolters, Carl F., to Remington Rand Inc. 2,686,704, Cl. 312—257.
- Wolters, Carl F., to Remington Rand Inc. 2,689,775, Cl. 312—274.
- Wolters, Carl F., to Remington Rand Inc. 2,689,777, Cl. 312—320.
- Wolverine Finishes Corporation, assignee: *See—*
Heintzelman, Norton E.
- Wolverine Shoe and Tanning Corp.: *See—*
Burch, Paul F. 2,681,675.
- Wolverton, Marcine P.: *See—*
Durant, Lyndon A., and Wolverton. 2,680,244.
- Womack, Eugene S., $\frac{1}{2}$ to G. Burkett. 2,681,232, Cl. 280—47,19.
- Wong, Albert L. 2,687,716, Cl. 126—345.
- Wong, Lan J., Cincinnati, Ohio. Wall outlet and fixture mounting. 2,665,350, Jan. 5.
- Wood, A. R., Manufacturing Company, assignee: *See—*
Rue, Edward O., and Fredeen. 2,678,026.
- Wood, Alan, Steel Co.: *See—*
Mathews, Donald R. 2,693,888.
- Wood, Bennie A., to Soapsudzer, Inc. 2,686,080, Cl. 299—83.
- Wood Bros., Inc.: *See—*
Ashton, James T.
Beasley, Don L. 2,685,450.
- Wood, Clyde W. 2,677,995, Cl. 94—48.
- Wood Conversion Co.: *See—*
Heritage, Clark C., and Thomas. 2,686,461.
Heritage, Clark C., and Van Beckum. 2,697,701.
Heritage, Clark C., and Van Beckum. 2,697,702.
Heritage, Clark C., and Van Beckum. 2,697,703.
- Wood, Cyrus F., Swarthmore, Pa., and C. L. Sadler, Jr., Rockford, Ill., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Aircraft fuel and propeller pitch control. 2,667,228, Jan. 26.
- Wood, Cyrus F., and L. F. Cummings, to Westinghouse Electric Corp. 2,692,797, Cl. 299—58.
- Wood, Edward M. S.: *See—*
Bird, George W. T., Dennett, and Wood. 2,677,918.
- Wood, Edwin E., Malden, and W. A. Hafferty, Charlestown, Mass. Face mask. 2,665,686, Jan. 12.
- Wood, Edwin E., Malden, and W. A. Hafferty, Charlestown, Mass. Face mask. 2,667,161, Jan. 26.
- Wood, Everett N., Cedar Rapids, Iowa. Cooling system. 2,672,131, Mar. 16.
- Wood, Fenton M.: *See—*
Price, Berry G., and Wood. 2,685,672.
- Wood, Francis H.: *See—*
Meredith, Frederick W., and Wood. 2,696,552.
- Wood, Frank J., Spokane, Wash., assignor to E. Loewy, New York, N. Y. Web tension control. 2,666,597, Jan. 19.
- Wood, Frank J., New Rochelle, assignor to E. Loewy, New York, N. Y. Material handling device. 2,669,140, Feb. 16.
- Wood, Fred. 2,674,753, Cl. 9—11.
- Wood, Gar, Industries, Incorporated, assignee: *See—*
Bayles, Fred R.
- Wood, George B., Jr., to Mount Hope Machinery Co. 2,682,094, Cl. 26—51,4.
- Wood, Harold B., to Imperial Chemical Industries Ltd. 2,686,933, Cl. 18—26.
- Wood, Henry W.: *See—*
Kendall, John D., Wood, and Welford.
- Wood, Homer J., to The Garrett Corp. 2,684,196, Cl. 230—116.
- Wood, James P. 2,691,412, Cl. 157—1,26.
- Wood, James R., to Harris-Seybold Co. 2,684,117, Cl. 164—60.
- Wood, James R. 2,689,524, Cl. 101—218.
- Wood, John, Company, assignee: *See—*
Woodford, Joseph C., and Willson.
- Wood, Joseph A. 2,676,592, Cl. 128—233.
- Wood, Joseph E., Toronto, Ontario, Canada. Display machine. 2,673,778, Mar. 30.
- Wood, Kenneth G., to Boeing Airplane Co. 2,680,994, Cl. 90—59.
- Wood, Leon G. S.: *See—*
Schuck, Oscar H., and Wood. 2,697,822.
- Wood, Louis S., to L. A. Young Spring & Wire Corp. 2,683,540, Cl. 214—77.
- Wood, Louis S., to L. A. Young Spring & Wire Corp. 2,683,545, Cl. 214—501.
- Wood, Louvan E.: *See—*
Dunmyer, Bruce H., and Wood.
- Wood, Morris E., Bronson, Mich., assignor to Higbie Manufacturing Company. Fishing reel arbor. 2,669,399, Feb. 16.
- Wood, Morris E., Bronson, Mich., assignor to Higbie Manufacturing Company. Arbor for spools. 2,669,400, Feb. 16.
- Wood, Morris E., to Higbie Mfg. Co. 2,696,951, Cl. 242—119.
- Wood Newspaper Machinery Corp.: *See—*
Ricards, Charles L. 2,685,802.
Ricards, Charles L., Tornberg, and Tollison.
Tollison, Paul L. 2,695,753.
Tollison, Paul L., and Ricards.
- Wood, Nyal B.: *See—*
Reese, Terrell J., and Wood.
- Wood, Peter A.: *See—*
Shaw, Harry, Thompson, and Wood. 2,680,093.
- Wood-Regan Instrument Co., Inc.: *See—*
Valois, Léon. 2,686,971.
- Wood, Robert S., Elizabeth, N. J., assignor to Standard Oil Development Company. Recovering vapors and solids from gas streams. 2,664,968, Jan. 5.
- Wood, Rodney R.: *See—*
Miller, De Mont G., and Wood. 2,694,853.
Stone, Albert L., and Wood. 2,682,102.
- Wood, Rodney R., to Byron Jackson Co. 2,693,633, Cl. 29—236.
- Wood, Thomas F., Clifton, N. J., assignor to The Givaudan Corporation, New York, N. Y. 1-cycloaliphatic-2-nitropropene-1 derivatives. 2,673,223, Mar. 23.
- Wood, Thomas R.: *See—*
Rickes, Edward L., and Wood. 2,695,862.
- Wood, Walter I. 2,676,631, Cl. 146—2.
- Wood, Wayne A., assignor to Sutherland Paper Company, Kalamazoo, Mich. Carton closing machine. 2,665,532, Jan. 12.
- Wood, William H., University Heights, assignor to Harris-Seybold Company, Cleveland, Ohio. Manufacture of acids and salts from gums. 2,666,759, Jan. 19.
- Wood, William H., to Harris-Seybold Co. 2,681,310, Cl. 204—38.
- Woodall-Duckham Vertical Retort and Oven Construction Co. (1920) Ltd., The: *See—*
Bott, Hugh R., and Spiers. 2,687,999.
Kressman, Theodore R. E., and Spiers. 2,688,000.
- Woodall Industries, Inc., assignee: *See—*
Greig, James W.
- Woodard, Harvey E.: *See—*
Norris, Richard H., and Woodard. 2,676,534.
- Woodard, Omar V. 2,689,591, Cl. 144—208.
- Woodard, Roy S., St. Louis, Mo. Clip. 2,673,104, Mar. 23.
- Woodberry, Norman T.: *See—*
Dixon, James K., and Woodberry. 2,684,343.
- Woodburn, James, and R. F. Lynch, to Great Lakes Carbon Corp. 2,685,539, Cl. 117—169.

- Woodburn, James, Jr., and R. F. Lynch, to Great Lakes Carbon Corp. 2,685,540, Cl. 117—169.
- Woodburn, James, Jr., and R. F. Lynch, to Great Lakes Carbon Corp. 2,685,541, Cl. 117—169.
- Woodburn, James, Jr., and R. F. Lynch, to Great Lakes Carbon Corp. 2,685,542, Cl. 117—169.
- Woodbury, Roger B., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Automatically synchronized long range navigation pulse transmitter. 2,671,897, Mar. 9.
- Woodbury, Roger B., to the United States of America as represented by the Secretary of the Navy. 2,691,106, Cl. 250—40.
- Woodcock, Carol W., Ashland, Oreg. Saw guide for circular saws. 2,671,477, Mar. 9.
- Woodcock, Charles A., D. J. Hadley, and D. I. H. Jacobs, to The Distillers Co. Ltd. 2,683,122, Cl. 352—412.
- Woodell, Rudolph: *See—*
- Cocke, Albert K., and Woodell. 2,688,160.
- Woodell, Rudolph, to E. I. du Pont de Nemours and Co. 2,686,709, Cl. 18—54.
- Wooden, Cornelius B., $\frac{1}{2}$ to G. Dobbin, $\frac{1}{4}$ to A. J. Cook, and $\frac{1}{4}$ to J. T. Carson. 2,694,588, Cl. 288—3.
- Woodford, Joseph C., Spring Lake, and D. S. Willson, Muskegon Heights, Mich., assignors to John Wood Company. Fluid dispensing apparatus for high and low pressure ranges. 2,666,446, Jan. 19.
- Woodham, Harry D. 2,698,403, Cl. 315—80.
- Woodhams, Walter J., assignor to Woodlin Metal Products Company, Marshall, Mich. Ventilator assembly. 2,665,625, Jan. 12.
- Woodhull, Elliot H., and G. E. Tisdale, to The Perkin-Elmer Corp. 2,688,090, Cl. 250—43.5.
- Woodin, Walter E., assignor to Security Steel Equipment Corporation. 2,676,866, Cl. 312—333.
- Wooding, Walter H., and C. T. Gayley. 2,686,134, Cl. 117—65.
- Wooding, William M., to American Cyanamid Co. 2,688,570, Cl. 117—76.
- Wooding, William M., to American Cyanamid Co. 2,688,571, Cl. 117—76.
- Wooding, William M., to American Cyanamid Co. 2,691,135, Cl. 324—65.
- Woodings-Verona Tool Works: *See—*
- Ferrell, Clifford. 2,682,188.
- Woodlin Metal Products Company, assignee: *See—*
- Woodhams, Walter J.
- Woodling, George V., Cleveland, Ohio. Heating unit control circuit. 2,673,917, Mar. 30.
- Woodling, George V. 2,695,796, Cl. 285—122.
- Woodling, Gordon K.: *See—*
- Meyer, Anthony L., and Woodling. 2,674,378.
- Woodmanse Mfg. Co., assignee: *See—*
- Steenrod, Alex H.
- Woodring, William B., Hamden, and W. W. Eaton, Milford, assignors to Olin Industries, Inc., New Haven, Conn. Lamellate flat cell. 2,666,802, Jan. 19.
- Woodrow, Clark E.: *See—*
- Noble, Sidney G., and Woodrow. 2,687,139.
- Woodruff, Ben H. 2,685,250, Cl. 101—134.5.
- Woodruff, Charles E.: *See—*
- Engel, Morris, Gerrish, and Woodruff. 2,690,666.
- Woodruff, Henry S., Newark, N. J., assignor to The Vari-fame Corporation, White Plains, N. Y. Baseboard radiator enclosure. 2,665,121, Jan. 5.
- Woodruff, James E. 2,696,854, Cl. 143—174.
- Woodruff, Maurice D., to The Bauer Bros. Co. 2,696,327, Cl. 221—201.
- Woodruff, Richard L.: *See—*
- Lindstrom, Eddie G., and Woodruff. 2,676,925.
- Woodruff, William N., assignor to Herschede Hall Clock Company. 2,680,506, Cl. 194—54.
- Woods, Auburn, Jr.: *See—*
- Copenhaver, James E., Clarkson, and Woods. 2,677,165.
- Woods, Everett M.: *See—*
- Reed, Robert B., and Woods. 2,688,574.
- Woods, Gilbert F., Jr.: *See—*
- Schwartzman, Louis H., and Woods.
- Woods, Gilbert F., Jr., and L. H. Schwartzman, Silver Spring, Md. Spirocyclohexanes and preparation thereof. 2,665,296, Jan. 5.
- Woods, Gilbert F., Jr., and L. H. Schwartzman, Silver Spring, Md. Spirocyclohexanes and preparation thereof. 2,665,302, Jan. 5.
- Woods, Gilbert F., Jr., and L. H. Schwartzman, Silver Spring, Md. Spirocyclohexanes and preparation thereof. 2,665,310, Jan. 5.
- Woods, Harold A., and J. A. Edgar, assignors to Shell Development Company. 2,676,149, Cl. 252—42.1.
- Woods, Henry B.: *See—*
- Morlan, Erwin A., Scott, and Woods. 2,687,875.
- Woods, James H. 2,692,056, Cl. 212—135.
- Woods, James H. 2,692,641, Cl. 158—13.6.
- Woods, James W.: *See—*
- Rexford, Robert L., and Woods. 2,677,248.
- Woods, John A.: *See—*
- Badger, Alfred E., Kowalka, and Woods. 2,688,824.
- Woods, John E., to Standard-Thomson Corp. 2,685,305, Cl. 138—50.
- Woods, John P., assignor to The Atlantic Refining Company. 2,678,107, Cl. 181—0.5.
- Woods, Kenneth D., $\frac{1}{2}$ to R. T. Keener. 2,695,467, Cl. 37—144.
- Woods, Leroy R., assignor to North American Aviation, Inc. 2,677,027, Cl. 200—90.
- Woods, Oliver R.: *See—*
- Alway, Clayton D., Haines, Woods, and Drake. 2,692,820.
- Woods, Randall C. 2,684,517, Cl. 25—126.
- Woods, Robert A., and H. L. Bone, assignors to Westing-house Air Brake Company. 2,677,048, Cl. 246—246.
- Woods, Robert C.: *See—*
- Fua, Frederic, and Woods.
- Woods, Robert J.: *See—*
- Wolf, Robert A., and Woods.
- Woods, Robert J., to Bell Aircraft Corp. 2,695,144, Cl. 244—46.
- Woods, Stephen E., to The National Smelting Co. Ltd. 2,682,462, Cl. 75—86.
- Woods, Verle W.: *See—*
- Cameron, Eric C., and Woods. 2,686,572.
- Woods, William H., to Square D Co. 2,684,416, Cl. 200—116.
- Woods, William S., assignee: *See—*
- Broz, Albert F.
- Woods-Hill, William, and D. T. Davis, to International Business Machines Corp. 2,690,507, Cl. 250—27.
- Woodson, John C., assignee: *See—*
- Warner, George E. 2,675,541.
- Woodson, Thomas T., assignor to General Electric Company. 2,677,478, Cl. 220—5.
- Woodstock, Willard H., and E. N. Walsh, to Victor Chemical Works. 2,685,602, Cl. 260—543.
- Woodsworth, Leland A. 2,682,247, Cl. 114—67.
- Woodward, Alva W., and W. G. Milligan. 2,674,427, Cl. 248—211.
- Woodward, Ann F. 2,698,154, Cl. 248—222.
- Woodward, Clement R.: *See—*
- Fleming-Williams, Brian C., and Woodward. 2,677,090.
- Woodward, Donald E., to Raymond Bag Co. 2,695,746, Cl. 229—62.5.
- Woodward, Edgar G.: *See—*
- Palmer, Charles, and Woodward. 2,696,922.
- Woodward Governor Co.: *See—*
- Avery, Clarence L., and Zircher. 2,681,660.
- Parker, George E.
- Woodward, H. F., assignee: *See—*
- Reece, Clarence D.
- Woodward, J. G., Princeton, N. J., assignor to Radio Corporation of America. Phonograph pickup test instrument. 2,671,135, Mar. 2.
- Woodward, J. Guy, to Radio Corp. of America. 2,696,735, Cl. 73—59.
- Woodward, James P., Prospect Plains, N. J. Combined scarfing and digging attachment for bulldozers. 2,664,651, Jan. 5.
- Woodward, James S., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Aircraft propeller and engine control system. 2,667,935, Feb. 2.
- Woodward, James S., to Niles-Bement-Pond Co. 2,690,647, Cl. 60—35.6.
- Woodward, Joseph H. 2,687,844, Cl. 230—117.
- Woodward, Leslie R., Vibrog, and B. Christensen, Hurley, S. Dak. Corn planter packer wheel scraper. 2,667,362, Jan. 26.
- Woodward, Oakley M., Jr., to Radio Corp. of America. 2,691,133, Cl. 324—58.
- Woodward, Robert B., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Production of steroids. 2,672,482, Mar. 16.
- Woodward, Robert B., assignor to Polaroid Corporation. 2,674,533, Cl. 95—88.
- Woodward, Robert B., assignor to Research Corporation. 2,675,396, Cl. 260—397.45.
- Woodward, Robert B., to Research Corp. 2,681,366, Cl. 260—586.
- Woodward, Robert B., to Research Corp. 2,687,435, Cl. 260—586.
- Woodward, Roy S. 2,690,796, Cl. 160—20.
- Woodward, Stanley, and W. F. R. Morgan, assignors to Baker Perkins Limited. 2,677,259, Cl. 68—12.
- Woodward, Teynham, to The Kaiser Aluminum & Chemical Corp. 2,695,242, Cl. 106—57.
- Woodward, Walter E.: *See—*
- Miskel, John J., Umbdenstock, and Woodward. 2,688,568.
- Woodward, William M., and L. G. Smith, assignors to the United States of America as represented by the United States Atomic Energy Commission. 2,677,060, Cl. 250—41.9.
- Woodward, William M., and L. G. Smith, to United States of America as represented by the United States Atomic Energy Commission. 2,682,611, Cl. 250—41.9.
- Woodworth, N. A., Co.: *See—*
- Hohwart, George and E. F. 2,684,854.
- Woodworth, Parke, and L. T. Sherwood, Jr., assignors to E. I. du Pont de Nemours & Company. 2,675,356, Cl. 252—110.
- Woody, George D., Atlanta, Ga. Dual-chamber, diaphragm type air horn. 2,671,426, Mar. 9.
- Woody, George D. 2,680,422, Cl. 116—142.
- Woody, Guy V., to Allis-Chalmers Mfg. Co. 2,696,351, Cl. 241—37.

- Woodyard, John R., and S. F. Varian, to the Board of Trustees of the Leland Stanford Junior University. 2,682,623, Cl. 315—5.
- Woofter, Robert C., Cortland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Spark plug boot. 2,665,673, Jan. 12.
- Woog, Paul, assignor to Compagnie Francaise de Ratinage, Societe Anonyme, Paris, France. Lubricating a metal surface. 2,673,818, Mar. 30.
- Woog, Paul, to Compagnie Francaise de Ratinage (Societe Anonyme). 2,689,627, Cl. 184—96.
- Wooldridge, Mack, 2,679,120, Cl. 37—144.
- Wooldridge Mfg. Co.: *See*—
Richter, John E. 2,676,664.
Richter, John E. 2,687,584.
- Woodrik, Gerrit J. L. 2,685,549, Cl. 154—98.
- Wooley, John C. 2,676,423, Cl. 37—110.
- Wooley, Robert E., assignor of $\frac{1}{2}$ to C. E. Smythe. 2,674,851, Cl. 60—52.
- Woolf, Cyril: *See*—
Gilbert, Everett E., Kelly, and Woolf. 2,695,918.
- Woolf, Cyril, to Allied Chemical & Dye Corp. 2,691,053, Cl. 260—653.
- Woolf, Cyril, Long Island City, and C. B. Miller, Lynbrook, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of aluminum fluoride catalyst. 2,673,139, Mar. 23.
- Woolf, William L. 2,686,057, Cl. 274—11.
- Woolfolk, Arthur R., to McGraw Electric Company. 2,692,928, Cl. 200—108.
- Woolley, Bruce D., Johnstown, Ohio. Power steering mechanism for automotive vehicles. 2,667,232, Jan. 26.
- Woolley, Charles H.: *See*—
Loughin, Paul R., Brister, and Woolley.
- Woolley, William J., to Maid-O'-Mist, Inc. 2,697,444, Cl. 137—428.
- Woolsey, Clarence L., Randall, Kans. Target trap with automatically varied throwing angle. 2,668,526, Feb. 9.
- Woolsayer, Homer J., C. Jenkins, and C. D. Iddings, Tulsa, Okla., and E. A. Campbell, Wexford, assignors to Lee C. Moore Corporation, Pittsburgh, Pa. Portable well servicing equipment. 2,664,976, Jan. 5.
- Woolsayer, Homer J., and C. Jenkins, Tulsa, Okla., and E. A. Campbell, Wexford, assignors to Lee C. Moore Corporation, Pittsburgh, Pa. Portable well drilling structure. 2,673,629, Mar. 30.
- Woolsayer, Homer J., and C. Jenkins, to Lee C. Moore Corp. 2,690,268, Cl. 214—152.
- Woolsayer, Homer J., and C. Jenkins, to Lee C. Moore Corp. 2,692,031, Cl. 189—21.
- Woolsayer, Homer J., C. Jenkins, and C. D. Iddings, to Lee C. Moore Corp. 2,695,081, Cl. 189—11.
- Woolston, Janet M.: *See*—
Street, Julianne R., and Woolston.
- Woolston, Lionel L., and R. C. Kent, Jr. 2,695,390, Cl. 339—94.
- Wooster Rubber Co., The: *See*—
Breneman, Joseph C. 2,697,525.
- Worcester, Gurdon S. 2,696,616, Cl. 2—74.
- Worcester, Gurdon S. 2,696,617, Cl. 2—102.
- Worcester Pressed Steel Co.: *See*—
Manhartsberger, Albert. 2,688,428.
- Worden, Clarence E. 2,681,065, Cl. 130—27.
- Worden, Donald P.: *See*—
Hahn, Rea I., Frank, and Worden. 2,678,097.
- Worden, Donald P., J. M. McDonnell and V. H. Payne, assignors to General Motors Corporation. 2,680,180, Cl. 219—6.
- Worden, Floyd O., assignee: *See*—
Adams, Wayne P.
- Worden, Samuel P., assignor to Texas Instruments Incorporated. 2,674,887, Cl. 73—382.
- Worden, Willia E., assignee: *See*—
Adams, Wayne P.
- Worel, Glen J., assignor to Thexton Manufacturing Company. 2,677,557, Cl. 285—166.
- Worel, Glen J., to Thexton Mfg. Co. 2,689,276, Cl. 200—61,08.
- Work, Erich W., to Union Mfg. Co. 2,695,176, Cl. 279—4.
- Work, John M. 2,680,929, Cl. 43—57.5.
- Work, Richard N.: *See*—
MacNichol, Edward F., Jr., Sack, and Work. 2,697,808.
- Work, Thomas A., Jr. 2,691,486, Cl. 235—98.
- Workman, Henry. 2,675,503, Cl. 315—58.
- Workman, Robert E., assignor, by mesne assignments, to The Goodyear Tire & Rubber Company. 2,679,572, Cl. 219—19.
- Works, Madden T. 2,688,300, Cl. 116—70.
- Worldidge, Ronald F., assignor to Flight Refuelling Limited. 2,675,824, Cl. 137—222.
- Wormell, Robert L., to Courtaulds Ltd. 2,691,568, Cl. 8—17,6.
- Wormell, Robert L., and E. Williams to Courtaulds Ltd. 2,684,282, Cl. 18—54.
- Wormington, Warren W.: *See*—
Singleton, Charles L. 2,689,338.
- Wormser, Hans H.: *See*—
Soussloff, Dimitri G., and Wormser.
- Wormser, Paul, and D. Madrid, assignors to S & W Fine Foods, Inc., San Francisco, Calif. Device for assorting long stemmed cherries from short stemmed cherries. 2,668,619, Feb. 9.
- Worrall, Winfield S., to Monsanto Chemical Co. 2,683,740, Cl. 260—534.
- Worrel, Calvin J.: *See*—
Orloff, Harold D., and Worrel. 2,691,051.
- Worrell, Robert L.: *See*—
Lehker, Harry J., and Worrell. 2,693,073.
Scranton, Charles J., and Worrell. 2,685,161.
- Worrest, Ralph N., assignor to Emhart Manufacturing Company. 2,677,919, Cl. 49—47.
- Worster, Arthur R., Painted Post, and C. E. Holvenstot, Corning, assignors to Ingersoll-Rand Company, New York, N. Y. Dual range servomotor responsive to fluid pressure variations. 2,670,716, Mar. 2.
- Worswick, Alan, to Foster, Yates & Thom Ltd. 2,692,068, Cl. 222—276.
- Wortham, Coleman, Jr.: *See*—
Jones, Montgomery O., and Ruffin. 2,684,717.
Ruffin, Raymond S. 2,694,449.
- Worthen, George B.: *See*—
Ridings, Garvice H., Wise, and Worthen. 2,689,273.
- Worthen, Stephen V., and C. H. Van Dusen, Jr., of $\frac{1}{2}$ to S. D. Warren Co., and $\frac{1}{2}$ to Addressograph-Multigraph Corp. 2,681,617, Cl. 101—149.2.
- Worthington, Biddle W., to McWane Cast Iron Pipe Co. 2,682,690, Cl. 22—36.
- Worthington Corp.: *See*—
Church, Maynard D. 2,674,854.
Haerberlein, Max. 2,679,259.
Hartwell, George W.
Hartwell, George W. 2,681,177.
Hilkemeier, Louis G. 2,678,198.
Kenworthy, Clarence S., and Blessing.
McMullen, James F.
Watson, Ralph M. 2,678,606.
- Worthington Mower Company, assignee: *See*—
Speiser, Ralph W.
- Worthington Pump and Machinery Corporation, assignee: *See*—
Robinson, Merrill P. 2,675,350.
- Worthington, Roy E., assignor to The Coe Manufacturing Company, Painesville, Ohio. Door construction. 2,670,820, Mar. 2.
- Wosika, Leon R., to Solar Aircraft Co. 2,681,788, Cl. 253—78.
- Wosika, Leon R., to Solar Aircraft Co. 2,682,925, Cl. 170—159.
- Woring, Gaylord H., Fairfield, Conn., assignor to General Electric Company. Appliance of the drawer type. 2,667,400, Jan. 26.
- Woughter, Holden D., Flint, assignor to General Motors Corporation, Detroit, Mich. Industrial truck. 2,667,985, Feb. 2.
- Woydt, Eduard W. 2,678,608, Cl. 103—161.
- Woydt, Eduard W. 2,683,421, Cl. 103—161.
- Woytych, Raymond M., to Giddings & Lewis Machine Tool Co. 2,684,249, Cl. 279—76.
- Wrabel, Adam, Chicago, Ill. Pneumatic valve and stem cap. 2,672,160, Mar. 16.
- Wrathall, Robert W.: *See*—
Simmons, James D., Liversidge, and Wrathall.
- Wray, Alfred W., and M. S. Baldwin. 2,688,305, Cl. 118—255.
- Wray, Stanley R.: *See*—
Lytle, Orville C. 2,695,489.
- Wreford, Annie A. M., executrix: *See*—
Wreford, Frederick S. 2,691,691.
- Wreford, Frederick S., deceased: A. A. M. Wreford, executrix. 2,691,691, Cl. 174—15.
- Wrenn, William E., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Motor control system for regulating systems. 2,669,680, Feb. 16.
- Wright, Albert L. H.: *See*—
Bing, Herbert A., and Wright. 2,692,540.
- Wright, Arthur, Forest Hills, assignor to W. E. Celestin, New York, N. Y. Pleochroic television process and apparatus. 2,672,606, Mar. 16.
- Wright, Arthur. 2,683,834, Cl. 313—92.
- Wright, Auburn E. 2,680,588, Cl. 248—226.
- Wright, Ben L.: *See*—
McCoy, Clarence E., and Wright.
Williams, Edwin K., and Wright.
- Wright, Burton G., assignor to General Electric Company. 2,677,792, Cl. 317—208.
- Wright, Charles A. H. to the United States of America as represented by the United States Atomic Energy Commission. 2,695,268, Cl. 204—101.
- Wright, Charles D. 2,678,701, Cl. 183—66.
- Wright, Clyde E.: *See*—
Ingwer, Carl H., and Wright. 2,679,686.
Ingwer, Carl H., and Wright. 2,680,256.
- Wright, Clyde E., assignor to The Ridge Tool Company. 2,680,396, Cl. 81—101.
- Wright, Daniel K., Jr.: *See*—
Jeromson, James R., Jr., and Wright. 2,681,564.
- Wright, David P., and R. H. Fish, to Air-O Fan Products Corp. 2,692,454, Cl. 43—148.
- Wright, Donald A., to The M-O Valve Co. Ltd. 2,692,959, Cl. 313—175.
- Wright, Dorothy L. 2,693,806, Cl. 128—286.
- Wright, Edward J., to Deering Milliken Research Trust. 2,688,451, Cl. 242—27.
- Wright, Eldon S. 2,677,255, Cl. 62—141.
- Wright, Elvin S. 2,688,527, Cl. 312—231.

- Wright, Esmond P. G., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric connecting device. 2,667,542, Jan. 26.
- Wright, Esmond P. G., and J. Rice, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Automatic telephone ticketing system. 2,667,538, Jan. 26.
- Wright, Esmond P. G., D. A. Weir, and J. Rice, to Standard Telephones and Cables Ltd. 2,688,656, Cl. 178—23.
- Wright, Esmond P. G., D. S. Ridler, D. A. Weir, and J. Rice, to International Standard Electric Corp. 2,694,752, Cl. 179—18.
- Wright, Evan H.: See—
De Nador, Emory, and Wright. 2,685,184.
- Wright, Frank, deceased; B. F. White, administrator of F. Wright. 2,678,225, Cl. 287—60.
- Wright, Frank, deceased; B. F. White, administrator of F. Wright. 2,678,226, Cl. 287—60.
- Wright, George F., and W. J. Chute, assignors to The Honorary Advisory Council for Scientific and Industrial Research. 2,678,927, Cl. 260—248.
- Wright, George W., Fort Wayne, Ind., assignor to Tokheim Corporation. Direct-drive gasoline dispensing pump. 2,671,409, Mar. 9.
- Wright, George W., to Tokheim Corp. 2,685,304, Cl. 137—793.
- Wright, Gilbert F., to Boeing Airplane Co. 2,687,712, Cl. 123—169.
- Wright, Gilbert F., and G. W. Newton, to Boeing Airplane Co. 2,687,713, Cl. 123—169.
- Wright, Glenn C., Cato, N. Y. Folding golf club and ball carrier. 2,668,721, Feb. 9.
- Wright, Gregory G., Cincinnati, Ohio, assignor to Pencil Crafts, Inc., Georgetown, Ky. Pencil marking machine. 2,668,495, Feb. 9.
- Wright, Hazel E.: See—
Brandon, Clarence W. 2,689,461.
Brandon, Clarence W. 2,689,462.
- Wright, Homer T., to General Motors Corp. 2,682,849, Cl. 113—52.
- Wright, Howard B., and M. B. Moore, to Abbott Laboratories. 2,691,679, Cl. 260—570.7.
- Wright, Ira W.: See—
Messick, Elbert C., and Wright.
- Wright, J. Randle: See—
Weiss, Eric A., and Wright.
- Wright, James A. 2,688,071, Cl. 240—1.3.
- Wright, Jesse T. 2,677,358, Cl. 123—90.
- Wright, John B., and E. H. Lincoln, to The Upjohn Co. 2,695,919, Cl. 260—570.6.
- Wright, John G., C. D. Toney, C. A. Watkins, E. Sudan, and W. A. Maxwell, to The Auto-Soler Co. 2,684,490, Cl. 10—43.
- Wright, Joseph, and H. J. Butler, assignors to Dunlop Rubber Company Limited. 2,679,303, Cl. 188—152.
- Wright, Joseph W.: See—
Lobdell, Edward M., and Wright
- Wright, Kenneth. 2,684,571, Cl. 60—35.6.
- Wright, Kenneth A., assignee: See—
Kipper, Stewart A. 2,674,317.
- Wright, Kenneth A., to B and W Inc. 2,693,859, Cl. 166—124.
- Wright Line, Inc., The: See—
Myers, Raymond L. 2,684,715.
- Wright Machinery Co.: See—
Petrea, James C. 2,691,476.
- Wright, Nile M. 2,678,511, Cl. 43—43.11.
- Wright Products, Inc., assignee: See—
Falk, Harold W.
- Wright, Rex, assignor to G. W. Sammons. 2,678,832, Cl. 280—167.
- Wright, Richard H., Bratenahl, assignor to The Guarantee Specialty Manufacturing Company, Cleveland, Ohio. Venetian blind head enclosure. 2,667,219, Jan. 26.
- Wright, Richard H., and A. Zay, to The Guarantee Specialty Mfg. Co. 2,697,576, Cl. 248—268.
- Wright, Robert D. H., assignor to The British Vacuum Cleaner and Engineering Company Limited. 2,679,448, Cl. 346—82.
- Wright, Robert L.: See—
Lundahl, Walter N., and Wright.
- Wright, Robert L., W. S. Lusby, W. J. Lee, and W. C. Whittenberg, assignors to Westinghouse Electric Corporation. 2,679,598, Cl. 250—66.
- Wright, Stanworth E., Greenfield, Ind. Ventilated boot. 2,668,372, Feb. 9.
- Wright Tool and Forge Co., The: See—
Stone, Arthur P. 2,685,355.
- Wright, Walter I. 2,683,389, Cl. 88—16.6.
- Wright, Warren B., and G. D. Ryan; said Ryan assor. to said Wright. 2,694,250, Cl. 30—6.1.
- Wright, Wilbert H., and A. B. Cavalle, to National Steel Corp. 2,696,663, Cl. 29—288.
- Wright, William B., Jr.: See—
Parker, Robert P., and Wright. 2,690,443.
- Wright, William C. 2,694,837, Cl. 19—142.
- Wright, William E.: See—
Bond, Orson H., and Wright. 2,674,010.
- Wright, William W.: See—
Gronlund, Theodore H., and Wright. 2,694,895.
- Wright's Biscuits Limited, assignee: See—
Page, Alfred C. 2,680,528.
- Wrightsmen, Philip G.: See—
Van der Luft, Alexander, Waldin, Walker, and Wrightsmen. 2,694,404.
- Wrightson, John M.: See—
Blum, Oscar A., Dittman, and Wrightson. 2,694,701.
Dittman, Albert L., Passino, and Wrightson. 2,689,241.
Dittman, Albert L., and Wrightson. 2,690,459.
- Wrightson, John M., North Bergen, and A. L. Dittman, assignors to The M. W. Kellogg Company, Jersey City, N. J. Manufacture of trifluorochloroethylene. 2,667,518, Jan. 26.
- Wrobel, Stanislaw A.: See—
Pryor, Edmund J., Fleming, and Wrobel. 2,698,088.
- Wroe, Henry N., to International Standard Electric Corp. 2,686,228, Cl. 179—84.
- Wrought Washer Mfg. Co., assignee: See—
Borges, Walter F., and Goss.
- Wroughton, Donald: See—
Lilliendahl, William C., Wroughton, Nagy, and Marden. 2,690,421.
- Wroughton, Donald M., and E. C. Okress, to Westinghouse Electric Corp. 2,686,864, Cl. 219—1.
- Wtulich, Stanley A., Poughkeepsie, N. Y. Spur. 2,673,433, Mar. 30.
- Wuellner, Joseph F.: See—
Johnson, Gordon H., and Wuellner.
- Wuensch, Guido, H. Ziegler, and H. Caspar, Berlin, Germany, assignors to Askania-Werke A.-G. Liquid level meter. 2,669,875, Feb. 23.
- Wuesthoff, Maximilian W. 2,686,035, Cl. 251—277.
- Wulff, Cal W., Chicago, Ill., assignor to Holland Company. Vehicle spring suspension. 2,666,636, Jan. 19.
- Wulff, Cal W., to Holland Co. 2,682,232, Cl. 105—197.
- Wulff, John, 2,686,117, Cl. 75—203.
- Wulff Process Co.: See—
Harris, Ford W. 2,678,339.
Hasche, Rudolph L., and Coberly. 2,692,819.
- Wülfig, Johann A., assignee: See—
Fleischmann, Richard.
- Wulfsberg, Arthur H., and H. M. Schweighofer, assignors to Collins Radio Company. 2,676,289, Cl. 318—8.
- Wunderlich, Henry E. 2,681,608, Cl. 98—2.
- Wunderlich Spring Machinery Company, assignee: See—
Nelson, Martin J., and Ives. 2,678,988.
Nelson, Martin J., and Turecki. 2,678,989.
- Wunderly, Harry L., Cuyahoga Falls, assignor to The General Tire and Rubber Company, Akron, Ohio. Sponge rubber composition and making sponge rubber. 2,666,751, Jan. 19.
- Wünsch, Guido, to Askania-Werke A.-G. 2,683,245, Cl. 318—29.
- Wünsch, Guido, and H. Ziegler, Berlin, Germany, said Wünsch assignor to Askania-Werke A.-G. Measuring and transmitting device for flow velocities and the like. 2,670,464, Feb. 23.
- Würker, Carl H. 2,697,994, Cl. 112—160.
- Wurlitzer, Rudolph, Co., The: See—
Jacobson, Mason A., and McGetrick. 2,694,359.
Osborne, Fred H.
Schmidt, Francis M. 2,695,386.
- Wurmser, Alphonse V.: See—
Dickieson, Alton C., Edwards, Robertson, and Wurmser. 2,692,303.
- Wurton Machine Co.: See—
Touton, Rush D. 2,682,271.
- Wurtembergische Metallwarenfabrik, assignee: See—
Cüppers, Paul K. A.
- Wurtembergische Uhrenfabrik Burk Sohne: See—
Hauser, Friedrich. 2,682,145.
- Wurtz, Clifford H.: See—
Jacobs, James W., Wurtz, and Heidorn.
- Wurtz, Clifford H., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Plural refrigerated compartments with condensate disposal means. 2,672,027, Mar. 16.
- Wurtz, Clifford H., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Plural temperature refrigerating apparatus. 2,672,028, Mar. 16.
- Wurtz, Clifford H., to General Motors Corp. 2,689,464, Cl. 62—116.
- Wurtz, Clifford H., Oakwood, and J. W. Jacobs, assignors to General Motors Corporation, Dayton, Ohio. Two-temperature refrigerating apparatus. 2,672,020, Mar. 16.
- Wurtz, John W., and F. A. Greenwald, to National Motor Bearing Co. Inc. 2,686,747, Cl. 154—84.
- Wurzburg, Otto B.: See—
Caldwell, Carlyle G., and Wurzburg.
- Wurzbürger, Paul D. 2,693,374, Cl. 285—122.
- Wurzbürger, Paul D. 2,693,375, Cl. 285—122.
- Wurzbürger, Paul D. 2,693,376, Cl. 285—122.
- Wurzbürger, Paul D. 2,693,377, Cl. 285—122.
- Wurzel, Hugo, assignor to Waldes Kohinoor, Inc. 2,676,049, Cl. 292—347.
- Wutschel, Elroy J.: See—
Wetzel, Theodore A., and Wutschel. 2,692,527.
- Wutscher, Theodor F., to The Loewy Engineering Co. Ltd. 2,693,919, Cl. 242—78.

- Wyandotte Chemicals Corp.: *See*—
 Anderson, Donald E., and Wegst. 2,689,225.
 Jackson, Donald R., and Lundsted. 2,677,700.
 Kramer, Maurice G. 2,684,947.
 Leaf, Clyde W. 2,698,322.
 Leaf, Clyde W., and Liggett.
 Lundsted, Lester G. 2,674,619.
 Lundsted, Lester G., and Schulz. 2,697,118.
 Tucker, Daniel F. 2,693,818.
- Wyatt, De Witt H., Columbus, Ohio. Coal burning magazine space heater. 2,667,158, Jan. 26.
 Wyatt, De Witt H. 2,677,366, Cl. 126—92.
 Wyatt, Francis D. 2,677,205, Cl. 40—76.
 Wyatt, George O.: *See*—
 Whitcher, Roy S., and Wyatt.
 Wyatt, Willard A.: *See*—
 Davidson, William B., Wyatt, and Williamson. 2,676,319.
- Wyborski, Aloysius S., to Peninsular Grinding Wheel Co. 2,686,994, Cl. 51—165.
 Wyckoff, Kenneth K.: *See*—
 Jeswine, Fred A., Henderson, and Wyckoff.
 Wyckoff, Kenneth K., assignor to the United States of America as represented by the Secretary of the Navy. 2,675,443, Cl. 200—98.
 Wyers, Larkin T., Jr., to E. I. du Pont de Nemours and Co. 2,696,036, Cl. 28—22.
 Wyeth, Nathaniel, Dearborn, assignor to Chrysler Corporation, Highland Park, Mich. Suspension. 2,667,346, Jan. 26.
 Wykes, Frank. 2,679,298, Cl. 170—160.15.
 Wyland, Ray O., Jr.: *See*—
 Holub, Edward M., Kelley, and Wyland. 2,674,210.
 Wyland, Ray O., Jr., to Union Carbide and Carbon Corp. 2,693,937, Cl. 255—36.
 Wyld, Ronald J.: *See*—
 Atanasoff, John V., and Wyld.
 Wylie, Alexander H. 2,674,425, Cl. 248—23.
 Wylie, Roy A., to The Sheffield Corp. 2,680,912, Cl. 33—178.
- Wyman, Burton A., and F. C. Winkler, Cleveland, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Incandescent spotlight luminaire. 2,665,372, Jan. 5.
 Wyman, Edwin T. 2,675,846, Cl. 152—340.
 Wyman, Floyd H.: *See*—
 Taylor, Furman F., and Wyman. 2,680,616.
- Wyman, Glenn C., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Egg poacher. 2,666,551, Jan. 19.
 Wyman, Glenn C., to Revere Copper and Brass Inc. 2,682,279, Cl. 137—470.
 Wyman, Howard A., Jr., assignor to General Electric Company. 2,679,623, Cl. 318—102.
 Wynkoop, Charles N., assignor to Bowser, Inc. 2,675,025, Cl. 137—625.12.
 Wynn, George, assignor to Jones & Laughlin Steel Corporation. 2,676,768, Cl. 242—84.
 Wynn, Ida, temporary administratrix: *See*—
 Wynn, Robert F., Sr. 2,675,947.
 Wynn, Robert C.: *See*—
 Vroman, John C. 2,693,767.
 Wynn, Robert F., Sr., deceased; I. Wynn, temporary administratrix. 2,675,947, Cl. 222—505.
 Wynn, Robert W.: *See*—
 Hoeft, Milton L., and Wynn. 2,674,604.
 Wynn, Robert W., and P. E. Hoch, to General Aniline & Film Corp. 2,686,812, Cl. 260—591.
 Wynn, Robert W., and P. E. Hoch, to General Aniline & Film Corp. 2,694,729, Cl. 260—591.
 Wynne, Hubert C.: *See*—
 Davison, Richard, and Wynne. 2,691,851.
 Wynne, Morgan D., Sr. 2,692,689, Cl. 211—165.
 Wynne, Robert J., Oakland, Calif. Internal comparative gauge. 2,665,496, Jan. 12.
 Wynne, Walter L. L., to The English Electric Co. Ltd. 2,692,360, Cl. 318—71.
 Wynnyk, Eugen: *See*—
 Fedankiw, Wolodymyr, and Wynnyk. 2,689,991.
- Wyott Mfg. Co., Inc.: *See*—
 Titus, Thomas L. 2,681,009.
 Titus, Thomas L. 2,681,622.
- Wyser, Wenyon W. 2,697,380, Cl. 88—76.
- Wyss, Frederic D.: *See*—
 Allin, Frederick R., and Wyss.
 Wyss, Oswald F., and K. Steiner, said Steiner assignor to said Wyss. 2,676,694, Cl. 198—56.
- Wythe, Frederick: *See*—
 Carter, William A., and Wythe. 2,679,770.
- Xander, Paul A., Nescospeck, Pa., assignor to Wise Potato Chip Co. Producing protein hydrolyzate from potatoes and potato waste. 2,666,080, Jan. 12.
- Xcelite, Incorporated, assignee: *See*—
 Petre, John N. 2,675,742.
- X-Ray Electronic Corp.: *See*—
 Fua, Frederic. 2,688,702.
 Fua, Frederic, and Woods.
- Xray Instrument Corporation, assignee: *See*—
 Gacki, Leonard W., and Winfield.
- Yackel, Edward C.: *See*—
 Yutzy, Henry C., and Yackel. 2,675,313.
 Yackel, Edward C., to Eastman Kodak Co. 2,685,510, Cl. 95—8.
- Yaczko, Stephen A.: *See*—
 Rossheim, David B., Yaczko, and Trainor. 2,684,528.
- Yaeger, Harry C., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Stop positioning mechanism for typewriters. 2,668,612, Feb. 9.
- Yaeger, Harry C., assignor to Underwood Corporation. 2,675,109, Cl. 197—17.
- Yaeger, Harry C., assignor to Underwood Corporation. 2,675,110, Cl. 197—27.
- Yaeger, Harry C., to Underwood Corp. 2,681,129, Cl. 197—27.
- Yaeger, Harry C., to Underwood Corp. 2,681,720, Cl. 197—74.
- Yaeger, Harry C., to Underwood Corp. 2,697,503, Cl. 197—17.
- Yaeger, Henry, to U. S. Basket Co., Inc. 2,692,696, Cl. 217—3.
- Yaeger, Robert E., assignor to Bell Telephone Laboratories, Incorporated. 2,680,160, Cl. 179—171.
- Yahnke, Robert L., and J. W. Healy, assignors to Standard Oil Company. 2,677,002, Cl. 260—683.15.
- Yale, Harry L., New Brunswick, N. J., assignor to Mathieson Chemical Corporation, New York, N. Y. Bis-mercaptomercuri derivatives of cyclic-carboxamides, and preparing same. 2,672,472, Mar. 16.
- Yale & Towne Mfg. Co., The: *See*—
 Check, Mathias M. 2,676,480.
 Framhein, Herbert J. 2,675,435.
 George, Willis D.
 Heyer, Frederic K.
 Lepkowski, Joseph L. 2,676,672.
 Quayle, George F.
 Quayle, George F. 2,686,036.
 Quayle, George F. 2,690,272.
 Quayle, George F. 2,693,339.
 Schroeder, Charles S. 2,676,723.
 Schroeder, Charles S. 2,690,240.
 Spain, Roy C. 2,690,070.
 Ulinski, Bronislaus I.
 Ulinski, Bronislaus I. 2,676,722.
 Ulinski, Bronislaus I. 2,685,976.
 Ulinski, Bronislaus I. 2,693,289.
- Yamada, George Y.: *See*—
 Yamada, Henry G. and G. Y. 2,680,249.
 Yamada, Henry G. and G. Y. 2,680,249, Cl. 4—128.
- Yamamoto, Hiroshi: *See*—
 Yamanaka, Kunio, Yamamoto, Kawamura, and Ito. 2,681,339.
- Yamanaka, Kunio, H. Yamamoto, Y. Kawamura, and S. Ito, to Nippon Kayaku Co., Ltd. 2,681,339, Cl. 260—239.1.
- Yancey, Jesse E. 2,679,161, Cl. 73—151.5.
- Yanchenko, Basil J., to General Electric Co. 2,683,205, Cl. 219—4.
- Yankee Metal Products Corp.: *See*—
 Daon, Rene. 2,693,511.
 Putterman, Benjamin.
 Putterman, Benjamin. 2,684,601.
- Yant, Chester W.: *See*—
 Schmidt, Edward G., and Yant. 2,694,901.
- Yantz, Anton. 2,679,951, Cl. 222—101.
- Yanus, Albert B., and L. L. Cerny, to The Alpha Shrimp Machine Corp. 2,683,281, Cl. 17—2.
- Yarber, Clifford J., to A. M. Meincke & Son, Inc. 2,692,824, Cl. 92—21.
- Yarbrough, Howard B.: *See*—
 Callahan, William H., and Yarbrough. 2,674,212.
- Yardney International Corp., assignee: *See*—
 André, Henri G.
- Yarger, Donald L., Garden Prairie, Ill. Reciprocating hand pump and reservoir unit. 2,672,014, Mar. 16.
- Yarger, Donald L. 2,675,759, Cl. 103—42.
- Yarrington, Harold E., Eau Claire, Wis., assignor to National Presto Industries, Inc. Two-cylinder crank-case compression engine. 2,669,980, Feb. 23.
- Yates, De Witt E., to W. S. Darley & Co. 2,689,025, Cl. 189—14.
- Yates, Franklin A., to The Singer Mfg. Co. 2,695,969, Cl. 310—259.
- Yates, Fred: *See*—
 Jamison, Samuel J., and Yates. 2,691,391.
- Yates, Harold T. and W. I. 2,695,052, Cl. 155—189.
- Yates, Herbert. 2,679,939, Cl. 214—1.
- Yates, Herbert. 2,693,684, Cl. 64—30.
- Yates, James L., assignor to Inland Steel Products Company. 2,679,914, Cl. 189—46.
- Yates, Kenneth E.: *See*—
 Egloff, William F., and Yates.
- Yates, Wilbert I.: *See*—
 Yates, Harold T. and W. I. 2,695,052.
- Yawman, Charles F., Jr. 2,686,516, Cl. 126—59.5.
- Yeadon, Donald J., L. W. Hooker, and H. Garland, to Board of Control of the Michigan College of Mining & Technology. 2,691,395, Cl. 144—208.
- Yeager, Davis L. 2,693,567, Cl. 321—18.
- Yeager, Leo R., assignor to Owens-Corning Fiberglass Corporation. 2,675,420, Cl. 174—116.
- Yeager, Ulysses B. 2,698,102, Cl. 214—64.2.
- Yeasting, Maynard C., to Houghton Elevator Co. 2,688,384, Cl. 187—29.
- Yedlick, Elmer J., and E. R. Ford, to Garfield Mfg. Co. 2,687,967, Cl. 106—39.
- Yellott, John I., assignor to Bituminous Coal Research, Inc. 2,675,676, Cl. 60—39.46.

- Yendall, Edward F.: *See*—
Rice, Philip K., and Yendall.
- Yenni, Donald M.: *See*—
Curtin, John L., and Yenni.
- Yenni, Donald M., to Union Carbide and Carbon Corp. 2,694,129, Cl. 219—8.
- Yeo, Ernest E., and A. S. Johnson, to Sylvania Electric Products Inc. 2,685,268, Cl. 113—59.
- Yeomans, Lucien O., Merrick, N. Y., assignor to American Telephone and Telegraph Company. Delayed switch-board lamp system. 2,672,522, Mar. 16.
- Yeske, Laurel R.: *See*—
Reaves, Robert S., and Yeske. 2,696,773.
- Yockey, Hubert P., Berkeley, Calif., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Ion accelerating and focusing system. 2,665,384, Jan. 5.
- Yocum, Reuben J., Omaha, Nebr. Ice-skating rink. 2,665,561, Jan. 12.
- Yoder, Abraham R. 2,697,957, Cl. 81—53.
- Yoder, Joe B., to General Electric Co. 2,691,853, Cl. 49—78.
- Yohe, Lester N. 2,691,245, Cl. 47—38.
- Yohn, Henry M.: *See*—
Lockwood, Louis H., and Yohn.
- Yohn, Henry M., assignor to Armstrong Cork Company, Lancaster, Pa. Work-engaging cutter guide for splitting machines. 2,670,768, Mar. 2.
- Yoli, Alfred H.: *See*—
Di Giovanni, Hugo J., Graveson, and Yoli. 2,688,703.
- Yonkers, Edward H., Glencoe, and R. F. Huber, Evanston, assignors to Joslyn Mfg. & Supply Co., Chicago, Ill. Protective device. 2,670,452, Feb. 23.
- Yordi, Arthur H. 2,695,076, Cl. 187—8.41.
- York Corp.: *See*—
Andrews, John M. 2,688,849.
Kuehner, Richard L. 2,683,074.
- York, Ernest E., Falmouth Corner, Maine, assignor to American Coin Changer Corp., Boston, Mass. Coin or token operated device. 2,672,967, Mar. 23.
- Yoshida, Shigeru, and M. Unoki, assignors to S. K. Kaisha. 2,676,175, Cl. 260—256.6.
- Yost, Oscar A. 2,685,866, Cl. 122—1.
- Yost, Robert S., and R. W. Auten, to Rohm & Haas Co. 2,696,504, Cl. 260—553.
- Yost, William J., to Socony-Vacuum Oil Co., Inc. 2,685,058, Cl. 324—1.
- Youell, Robert E., 30% to E. L. Smith. 2,689,658, Cl. 214—16.1.
- Youhouse, Joseph, assignor to Casco Products Corporation. 2,675,445, Cl. 200—139.
- Youhouse, Joseph, to Casco Products Corp. 2,681,406, Cl. 219—25.
- Youhouse, Joseph, to Automatic Devices Corp. 2,694,134, Cl. 219—32.
- Youkers, Harold A., Anderson, Ind., and W. V. Vierling, Knox, Pa., assignors of one-half to H. C. Daubenspeck, Massillon, Ohio, and one-half to S. E. Winder, West Medway, Mass. Guide tube operating means for glass feeders. 2,665,525, Jan. 12.
- Youmans, Arthur H., to Well Surveys, Inc. 2,689,918, Cl. 250—84.
- Youmans, Grace A. 2,675,630, Cl. 36—2.6.
- Youmans, Grace A. 2,684,109, Cl. 155—23.
- Young, Amps P., Jr.: *See*—
Baldwin, Maynard M., and Young. 2,694,669.
- Young, Austin E.: *See*—
Cook, Curtiss L., and Young. 2,695,734.
- Young Brothers Company, assignee: *See*—
Barnett, Charles A.
- Young, Carl T.: *See*—
Larrabee, Clinton E., and Young. 2,695,492.
- Young, Charles A.: *See*—
Midgley, Eric L., and Young.
- Young, Charles E.: *See*—
Gordon, James R., Norman, Queneau, Sproule, and Young.
- Young, Charles J., Princeton, N. J., assignor to Radio Corporation of America. Facsimile scanner having adjustable length of scanning line. 2,666,094, Jan. 12.
- Young, Charles J., to Radio Corp. of America. 2,686,706, Cl. 346—101.
- Young, Charles J., to Radio Corp. of America. 2,692,954, Cl. 307—106.
- Young, Charles J., and R. G. Olden, to Radio Corp. of America. 2,693,992, Cl. 346—101.
- Young, Charles W., to Pennsylvania Flexible Metallic Tubing Co. 2,685,998, Cl. 226—127.
- Young, Clarence B. F. 2,681,274, Cl. 51—305.
- Young, Clarence F., Great Barrington, Mass. Chemical process for retaining cutting edges. 2,667,456, Jan. 26.
- Young, Clarence H., assignor to Bell Telephone Laboratories, Incorporated. 2,677,102, Cl. 324—62.
- Young, Claude D., to The Foxboro Co. 2,690,360, Cl. 308—36.1.
- Young, Cyril C., Kansas City, Mo. Combination gas-oil burner apparatus. 2,667,213, Jan. 26.
- Young, David, $\frac{1}{2}$ to F. D. Wallace, and $\frac{1}{2}$ to D. Young, Jr. 2,691,242, Cl. 46—25.
- Young, David, Jr.: *See*—
Young, David. 2,691,242.
- Young, David W.: *See*—
Cottle, Delmer L., Young, and Knoth. 2,692,233.
Cyphers, Elmer B., and Young. 2,691,001.
Morway, Arnold J., Young, and Cottle. 2,680,719.
Sayko, Andrew F., and Young. 2,681,301.
Sparks, William J., and Young. 2,676,950.
- Young, David W., Roselle, N. J., assignor to Standard Oil Development Company. Stabilized organic compositions containing alkoxy phenols and mercapto alkanolic acids. 2,669,507, Feb. 16.
- Young, David W., and D. L. Cottle, to Standard Oil Development Co. 2,683,132, Cl. 260—45.9.
- Young, David W., and H. J. Franklin, to Standard Oil Development Co. 2,690,418, Cl. 196—22.
- Young, David W., and W. J. Sparks, to Standard Oil Development Co. 2,691,646, Cl. 260—82.1.
- Young, Dean A.: *See*—
McCutchan, Philip, and Young. 2,682,765.
- Young, De Walt S.: *See*—
Clemens, Milton L., von Bramer, and Young. 2,682,547.
- Young, De Walt S., and L. G. Davy, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Substituted derivatives of benzoquinone as bodying agents for oils. 2,673,209, Mar. 23.
- Young, De Walt S., and G. F. Rodgers, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Preparing beta-methyl glutaconic acid esters from alkyl isodehydroacetates. 2,673,212, Mar. 23.
- Young, De Walt S., and N. M. Atkins, assignors to Eastman Kodak Company. 2,675,391, Cl. 260—343.5.
- Young, Donald P., to The Distillers Co. Ltd. 2,684,387, Cl. 260—615.
- Young, Douglas, Inc.: *See*—
Young, Lewis D. 2,678,182.
Young, Lewis D. 2,680,512.
Young, Lewis D. 2,681,141.
- Young, Douglass A., East Orange, L. J. Lunas, Cedar Grove, and J. Walsweer, Glen Ridge, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Recorder with movable chart carriage. 2,669,501, Feb. 16.
- Young, Evan J.: *See*—
Dvornikoff, Michael N., and Young. 2,678,322.
- Young, Farrile S., Houston, Tex., assignor to Panhandle Eastern Pipe Line Company, Kansas City, Mo. Weld in pipe line valve structure. 2,669,419, Feb. 16.
- Young, Forrest J., assignor to The National Supply Company. 2,674,188, Cl. 103—5.
- Young, Fred M.: *See*—
Brinen, Howard F., and Young. 2,677,394.
- Young, Fred M., assignor to Young Radiator Company. 2,675,094, Cl. 183—74.
- Young, Fred M., assignor to Young Radiator Company. 2,676,819, Cl. 285—5.
- Young, Fred W. 2,674,685, Cl. 240—6.46.
- Young, Garland C., $\frac{1}{2}$ to J. B. Elder. 2,689,412, Cl. 33—207.
- Young, George F. 2,687,865, Cl. 248—126.
- Young, Gerald W., Schenectady, N. Y., and J. L. Hain, Bethlehem, Pa., assignors to General Electric Company. Providing aluminum with a flexible oxide coating. 2,665,243, Jan. 5.
- Young, Harland H., and H. C. Black, to Swift & Co. 2,682,550, Cl. 260—410.7.
- Young, Harold K.: *See*—
Ward, Clemson H., and Young. 2,695,515.
- Young, Harold S., Chula Vista, Calif. Combination high chair, ladder, and stool. 2,669,285, Feb. 16.
- Young, Harry R., to E. I. du Pont de Nemours and Co. 2,691,694, Cl. 174—121.
- Young, Henry B.: *See*—
Garrett, William R., Liljestrand, and Young.
Jisha, Fred L., Liljestrand, and Young. 2,677,389.
- Young, Henry B., assignor to Mission Manufacturing Co., Houston, Tex. Split swab piston with flange type seals. 2,671,413, Mar. 9.
- Young, Henry B., to Mission Mfg. Co. 2,686,091, Cl. 309—3.
- Young, Henry S., to Westinghouse Air Brake Co. 2,692,942, Cl. 246—46.
- Young, Herbert: *See*—
Quigley, Herbert, and Young. 2,687,319.
- Young, Howard S.: *See*—
Schrader, Robert J., Young, and Berntsen.
- Young, James D., assignor to J. H. Young. 2,676,078, Cl. 312—31.1.
- Young, James F.: *See*—
Reitz, Clifford L., Lipski, and Young.
- Young, James F., to General Electric Co. 2,693,098, Cl. 68—23.
- Young, James H., assignee: *See*—
Young, James D. 2,676,078.
- Young, James H., assignor to E. I. du Pont de Nemours and Company. 2,676,923, Cl. 210—24.
- Young, James W., and J. Hensel, to Pittsburgh Coke & Chemical Co. 2,692,891, Cl. 260—461.
- Young, John C., Pittsburgh, Pa. Strainer for down-spout drains. 2,669,358, Feb. 16.
- Young, John C. T. 2,677,600, Cl. 23—267.
- Young, John S., and W. B. Wharton, Jr., to Hawthorne Rubber Mfg. Corp. 2,687,845, Cl. 230—172.
- Young, John W., and D. Beall. 2,675,007, Cl. 133—3.

- Young, L. A., Spring & Wire Corp.: *See*—
Asaro, Vito, and Krajewski.
Clark, William A. 2,695,657.
Corley, Quentin D., Jr. 2,683,539.
Wood, Louis S. 2,683,540.
Wood, Louis S. 2,683,545.
- Young, Leo C., to Radar Inc. 2,688,731, Cl. 333—13.
Young, Leo C., and R. M. Page, to Radar Inc. 2,688,746, Cl. 250—13.
- Young, Lester C., Cleveland, Ohio, assignor to Spo, Inc. Roll-over foundry machine. 2,665,462, Jan. 12.
Young, Lester C., to Spo, Inc. 2,686,345, Cl. 22—35.
Young, Lester C., to Spo, Inc. 2,695,432, Cl. 22—31.
- Young, Lewis D., assignor to Douglas Young, Inc. 2,678,182, Cl. 248—198.
- Young, Lewis D., assignor to Douglas Young, Inc. 2,680,512, Cl. 206—45.13.
Young, Lewis D., to Douglas Young, Inc. 2,681,141, Cl. 206—45.18.
- Young, Louis B., and F. J. Gaffney to the United States of America as represented by the Secretary of the Navy. 2,684,467, Cl. 324—58.
- Young, Louis C., Bolton, Mass. Graphic recording device. 2,664,648, Jan. 5.
- Young, Louis H., Auburndale, Mass., assignor to The Gillette Company. Magazine and blade combination. 2,664,999, Jan. 5.
- Young, Norton S., assignor to Owens-Illinois Glass Company. 2,680,332, Cl. 49—82.
- Young, Paul G.: *See*—
Haas, Charles A. 2,691,966.
- Young Radiator Co.: *See*—
Brinen, Howard F. and P. F. 2,695,160.
Brinen, Howard F., and Young. 2,677,394.
Young, Fred M. 2,675,094.
Young, Fred M. 2,676,819.
- Young, Ralph J., to C. Orr. 2,693,598, Cl. 2—16.
- Young, Raymond A.: *See*—
Ammann, Bernard W., and Young. 2,698,033.
- Young, Rex A., to Armstrong Cork Co. 2,687,151, Cl. 144—21.
- Young, Richard E., Rockville Centre, N. Y. Making a ring of a length of thermoplastic material. 2,670,313, Feb. 23.
- Young, Robert B.: *See*—
Frisch, Kurt C., and Young.
- Young, Robert B., and C. E. Hawk, to Aerojet-General Corp. 2,694,503, Cl. 220—89.
- Young, Samuel D., Rugby, England. Closing means for securing closures on containers. 2,670,118, Feb. 23.
- Young, Serenus H. A.: *See*—
Palese, Richard A. M., and Young. 2,681,599.
- Young, Thomas K., Toledo, and J. W. McAuley, Perrysburg, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing transparent electrically conducting films. 2,667,428, Jan. 26.
- Young, Victor M. 2,682,931, Cl. 188—1.
- Young, W. Walter: *See*—
Lundy, James H. 2,695,680.
- Young, William, Wishaw, Scotland. Window construction. 2,672,959, Mar. 23.
- Young, William A., to Deere & Co. 2,686,523, Cl. 130—27.
- Young, William R., Jr., assignor to Bell Telephone Laboratories, Incorporated. 2,678,998, Cl. 250—6.
- Young, William R., Jr., assignor to Bell Telephone Laboratories, Incorporated. 2,680,194, Cl. 250—27.
- Youngberg, Charles H.: *See*—
Oehler, William P., and Youngberg. 2,682,737.
Oehler, William P., and Youngberg. 2,682,738.
- Youngfelt, Thomas T., assignor to United States Gypsum Company. 2,675,929, Cl. 214—6.
- Youngfelt, Thomas T., and J. A. Besal, assignors to United States Gypsum Company. 2,675,930, Cl. 214—6.
- Youngren, Milton D., assignor to Hall Brothers, Inc. 2,680,328, Cl. 46—37.
- Youngson, Charles R., assignor to The Dow Chemical Company. 2,678,294, Cl. 167—39.
- Youngstown Steel Door Co., The: *See*—
Henricks, Harold H., and Johansson. 2,682,323.
Johansson, Carl E. 2,686,480.
Johansson, Carl E. 2,697,002.
Jones, Clarence R. 2,678,612.
Madland, Gabriel. 2,686,481.
- Youngworth, Bernard, Baltimore, Md. Gate latch. 2,666,660, Jan. 19.
- Younker, Elmer L., to the United States of America as represented by the Secretary of the Navy. 2,691,759, Cl. 324—58.
- Youtcheff, John S., Santa Monica, Calif. Camera and filter support for stereoscopic photography. 2,667,110, Jan. 26.
- Youtz, Philip N. 2,686,420, Cl. 72—0.5.
- Yowell, Howard L.: *See*—
Lippincott, Samuel B., and Yowell. 2,695,326.
- Yuba Mfg. Co.: *See*—
Harris, Robert L., and Lothrop. 2,690,165.
Von Bolhar, Edgar, and Martinez. 2,677,463.
- Yuenger, Robert L.: *See*—
Ferris, Robert G., and Yuenger. 2,698,105.
- Yuhas, Stephen A. 2,682,923, Cl. 160—45.
- Yule, John A. C., to Eastman Kodak Co. 2,691,696, Cl. 178—5.2.
- Yule, John A. C., and R. E. Maurer, to Eastman Kodak Co. 2,691,585, Cl. 95—8.
- Yundt-Bottlematic Corp.: *See*—
Meierjohan, Ernest. 2,695,190.
- Yurasko, Frank H., Roselle, and H. C. North, Westfield, N. J., assignors to Standard Oil Development Company. Separation of vapors and viscous liquids. 2,669,538, Feb. 16.
- Yurka, August, Jr., assignor to The Cyril Bath Company. 2,678,078, Cl. 153—2.
- Yuska, Henry, A. M. Tringali, and J. E. Hanle, assignors to Interchemical Corporation. 2,677,671, Cl. 260—22.
- Yuska, Henry, and J. E. Hanle to Interchemical Corp. 2,684,345, Cl. 260—23.
- Yutzy, Henry C., and G. D. Aydlett, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic copying apparatus. 2,666,384, Jan. 19.
- Yutzy, Henry C., and B. C. Yackel, assignors to Eastman Kodak Company. 2,675,313, Cl. 95—5.6.
- Yuza, Rudolph A.: *See*—
Sniader, David H., and Yuza. 2,684,580.
- Zaat, Josephus A. B.: *See*—
Lemmens, Hendrikus J., Jansen, and Zaat.
- Zaba, Joseph, assignor to Stanolind Oil and Gas Company. 2,674,951, Cl. 103—52.
- Zabel, Lowell W.: *See*—
Caston, Ralph H., and Zabel. 2,675,916.
- Zabilka, Harvey, to The Delman Co. 2,681,249, Cl. 299—58.
- Zablocki, Charles J.: *See*—
Hayward, Frank W., and Zablocki. 2,680,055.
- Zablocki, Charles J., and F. W. Hayward. 2,676,484, Cl. 73—35.
- Zabriskie, Douglas M.: *See*—
Hallden, Frederick G., Ridings, Zabriskie, and Parrott.
- Zachariassen, Stig H. B., to Aktiebolaget Separator. 2,690,900, Cl. 259—96.
- Zacharkiw, Basil: *See*—
Ruskin, Henry, and Zacharkiw. 2,682,053.
- Zachman, Arnold A. 2,685,851, Cl. 108—16.
- Zachos, Louis G. 2,685,743, Cl. 33—126.7.
- Zack, Samuel E., assignor to Standard Piano Hammer Co., Chicago, Ill. Clamp for gluing felt on piano hammers. 2,670,769, Mar. 2.
- Zacks, Florence B. 2,691,984, Cl. 128—291.
- Zademach, Erich R., to Metalwash Machinery Co. 2,688,407, Cl. 211—41.
- Zaderenko, Sergio. 2,689,094, Cl. 241—205.
- Zadikoff, Henry W.: *See*—
Mercer, Norman J., and Zadikoff. 2,682,950.
- Zadrozny, Lucian J. 2,690,789, Cl. 155—22.
- Zaenkert, Frederick A., assignor to The Cincinnati Butchers' Supply Company. 2,674,762, Cl. 17—16.
- Zaffarano, Frank P.: *See*—
Kendall, Hugh C., and Zaffarano. 2,693,525.
- Zaffaroni, Alejandro, Rochester, N. Y., assignor to Syntex S. A., Mexico City, Mexico. Cyclopentanoperhydrophenanthrene compounds and process. 2,671,752, Mar. 9.
- Zaffina, Dominic A., assignor to said D. A. Zaffina and J. F. Zaffina, Pontiac, Mich., Jointly. Lever actuated tire bead loosening device. 2,667,212, Jan. 26.
- Zaffina, Josephine F., assignee: *See*—
Zaffina, Dominic A.
- Zagray, Harold F., to Precision Building System, Inc. 2,696,102, Cl. 72—61.
- Zahn, Harold E., to Gould-National Batteries, Inc. 2,694,099, Cl. 136—58.
- Zahn, Harold E., to Gould-National Batteries, Inc. 2,694,100, Cl. 136—58.
- Zahn, Hermann, Sulzbach (Main), Germany. Mechanical pocket lighter. 2,671,329, Mar. 9.
- Zahnradfabrik Friedrichshafen, Aktiengesellschaft: *See*—
Kiechle, Julius. 2,690,681.
Maier, Albert, and Kiechle. 2,690,680.
Wagner, Heinrich. 2,682,782.
Wagner, Heinrich. 2,687,654.
- Zahodiakin, Victor F. 2,684,515, Cl. 24—221.
- Zahodiakin, Victor F. 2,684,516, Cl. 24—221.
- Zaiger, Max, assignee: *See*—
Nesson, Israel. 2,676,351.
Nesson, Israel. 2,679,065.
Nesson, Israel. 2,679,066.
- Zajac, Stephen J., to Standard Oil Co. 2,684,944, Cl. 252—42.1.
- Zajic, Raymond J. 2,681,026, Cl. 113—38.
- Zakhartchenko, Constantine L., to McDonnell Aircraft Corp. 2,689,011, Cl. 170—160.27.
- Zaleski, John F., Valhalla, N. Y., assignor to General Precision Laboratory Incorporated. Microwave magnetic control. 2,671,884, Mar. 9.
- Zaleski, John F., to General Precision Laboratory Inc. 2,685,065, Cl. 333—7.
- Zaleski, John F., to General Precision Laboratory Inc. 2,689,942, Cl. 333—11.
- Zaleski, John F., to General Precision Laboratory Inc. 2,690,539, Cl. 333—7.
- Zaleski, Mitchell, to General Binding Corp. 2,686,932, Cl. 18—19.
- Zalkind, Albert M.: *See*—
Giordano, Anthony J. 2,674,861.
Zalkind, Philip. 2,692,019.
- Zalkind, Albert M. 2,677,212, Cl. 46—1.
- Zalkind, Albert M. 2,677,215, Cl. 46—107.

- Zalkind, Albert M. 2,690,032, Cl. 46—23.
 Zalkind, Joseph, New York, N. Y. Machine for separating multiple interleaved forms. 2,673,612, Mar. 30.
 Zalkind, Mollie: *See*—
 Zalkind, Philip. 2,692,019.
 Zalkind, Philip, deceased (A. M. and M. Zalkind). 2,692,019, Cl. 164—6.5.
 Zambroski, Edward F.: *See*—
 Timmons, James R., Veltman, Weiland, and Zambroski. 2,693,151.
 Zampieri, Carlos F., assignor to Cristalerias Rigolleau Sociedad Anonima. 2,676,436, Cl. 49—37.
 Zaneck, Gerald J., and M. W. Matz. 2,694,518, Cl. 229—15.
 Zander, Nils A. 2,686,607, Cl. 216—45.
 Zander, Otto J. 2,695,547, Cl. 88—61.
 Zander, Rolf A.: *See*—
 Vigren, Sten D., Broberg, and Zander. 2,693,554.
 Zannoth, Herman A. 2,679,890, Cl. 155—36.5.
 Zanotti, Dominick: *See*—
 Brock, John E., and Zanotti.
 Zaphiropoulos, Renn, to Chromatic Television Laboratories, Inc. 2,683,833, Cl. 313—80.
 Zapp, Robert L.: *See*—
 Hubbard, Addison W., Hill, and Zapp. 2,684,958.
 Zapp, Robert L., Somerville, N. J., assignor to Standard Oil Development Company. Stabilization of vulcanized copolymers of isobutylene. 2,666,753, Jan. 19.
 Zar, Jacob L., and L. Musicant, assignors to National Radiac, Incorporated. 2,674,636, Cl. 260—674.
 Zarcone, Philip A. 2,681,067, Cl. 132—161.
 Zaretsky, Sol: *See*—
 Gerber, Eugene, and Zaretsky. 2,686,556.
 Zarnack, Werner, Lockstedter Lager-Nord, Germany. Carburetor of combustion engines with automatic fuel regulation. 2,672,329, Mar. 16.
 Zaro, Paul, assignee: *See*—
 Peabody, Edwin A. 2,677,961.
 Zastrow, Thomas S.: *See*—
 Clemons, Clement W., and Zastrow.
 Zastrow, Thomas S., to General Mills, Inc. 2,684,821, Cl. 248—117.3.
 Zastrow, Thomas S., to General Mills, Inc. 2,685,890, Cl. 137—587.
 Zastrow, Thomas S., and W. A. Andres, assignors to General Mills, Inc. 2,674,819, Cl. 38—77.
 Zatko, Lester T. 2,696,740, Cl. 74—230.8.
 Zauderer, Benjamin: *See*—
 Shotsky, Nathan. 2,687,703.
 Zauderer, Hersch: *See*—
 Shotsky, Nathan. 2,687,703.
 Zaug, William C., assignor to Telephonics Corporation, Huntington, N. Y. Switch. 2,671,137, Mar. 2.
 Zaugg, Harold E.: *See*—
 Shavel, John, Jr., and Zaugg. 2,695,871.
 Zavarine, Igor N.: *See*—
 Kingston, Walter E., Zavarine, and Bussert. 2,697,869.
 Zay, Anthony: *See*—
 Wright, Richard H., and Zay. 2,697,576.
 Zbornik, Thomas W., and D. J. Slagle, Charles City, Iowa, assignors to Dr. Salsbury's Laboratories. Separation of isomeric mixtures of nitroanilines. 2,671,110, Mar. 2.
 Zdansky, Ewald A., to Lonza Elektrizitaetswerke und Chemische Fabriken Aktiengesellschaft. 2,683,116, Cl. 204—129.
 Zdansky, Ewald A. 2,695,874, Cl. 204—258.
 Zearfoss, Elmer W., Jr., assignor to Philco Corporation. 2,678,545, Cl. 62—116.
 Zearfoss, Elmer W., Jr., assignor to Philco Corporation. 2,679,731, Cl. 62—4.
 Zearfoss, Elmer W., Jr., to Philco Corp. 2,685,780, Cl. 62—117.55.
 Zearfoss, Elmer W., Jr., to Philco Corp. 2,697,331, Cl. 62—3.
 Zebarth, Ralph S., to Gordon W. Johnson Co. 2,685,706, Cl. 17—44.1.
 Zebarth, Ralph S., to Gordon W. Johnson Co. 2,697,246, Cl. 17—44.1.
 Zechel, Robert F. 2,689,946, Cl. 339—225.
 Zeckendorf, William, New York, and A. H. McPhee, Planedome Heights, assignors to Webb & Knapp, Inc., New York, N. Y. Automobile parking system. 2,670,859, Mar. 2.
 Zeeb, Stanley H., to Aeroquip Corp. 2,687,903, Cl. 284—4.
 Zeegers, Rudolph N. G., Geleen, assignor to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Purification of lactams. 2,667,483, Jan. 26.
 Zeegers, Rudolph N. G., assignor to De Directie van de Staatsmijnen in Limburg. 2,677,599, Cl. 23—114.
 Zeegers, Rudolph N. G., to Stamicarbon N. V. 2,686,106, Cl. 23—190.
 Zeek, Elwood R., and H. S. Daley, to Specialties Development Corp. 2,685,979, Cl. 220—3.
 Zegers, Raymond. 2,679,315, Cl. 206—15.1.
 Zehender, Ernst, to Robert Bosch G. m. b. H. 2,693,735, Cl. 88—14.
 Zehnder, Max A. 2,697,433, Cl. 128—83.
 Zehrbach, Edgar L., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Drier apparatus. 2,665,500, Jan. 12.
 Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Centrifugal clutch. 2,672,226, Mar. 16.
 Zeidler, Reinhold C., to Borg-Warner Corp. 2,692,560, Cl. 103—111.
 Zeidler, Reinhold C., to Borg-Warner Corp. 2,692,561, Cl. 103—115.
 Zeidler, Reinhold C., to Borg-Warner Corp. 2,692,562, Cl. 103—115.
 Zeidler, Reinhold C., to Borg-Warner Corp. 2,694,478, Cl. 192—68.
 Zeiger, Frank E., to Thompson Products, Inc. 2,691,295, Cl. 73—1.
 Zeigler, Philip B.: *See*—
 Lincoln, Clovis W., and Zeigler. 2,691,308.
 Lincoln, Clovis W., Zeigler, and Malone. 2,696,127.
 Lincoln, Clovis W., Zeigler, and Spiekerman. 2,691,704.
 Lincoln, Clovis W., Zeigler, and Spiekerman. 2,696,126.
 Zeigler, Philip B., and J. J. Verbrugge, to General Motors Corp. 2,693,612, Cl. 15—250.4.
 Zeigler, Philip B., and A. B. Winchell, to General Motors Corp. 2,693,613, Cl. 15—250.4.
 Zeiler, Karl, and K. Lenz, to Anton Steinecker Maschinenfabrik A. G. 2,691,935, Cl. 100—93.
 Zeilman, Roy H., to The Thew Shovel Co. 2,697,644, Cl. 308—199.
 Zeilman, Roy H., and A. Smythe, assignors to The Thew Shovel Company. 2,674,333, Cl. 180—79.2.
 Zeiss, Carl: *See*—
 Rantsch, Kurt. 2,688,899.
 Zeitlin, Alexander, to Hydropress Inc. 2,687,052, Cl. 80—56.
 Zeller Corporation, The, assignee: *See*—
 Zeller, Robert C., and Kimpel. 2,680,389.
 Zeller, Robert C., and L. J. Kimpel, assignors to The Zeller Corporation. 2,680,389, Cl. 77—3.
 Zelly, Walter G., assignor to Aluminum Company of America. 2,676,916, Cl. 204—33.
 Zellner, Carl N., New Providence, and F. Lister, Elizabeth, assignors to Tide Water Associated Oil Company, Bayonne, N. J. Treatment of acidic mixtures and products resulting therefrom. 2,668,173, Feb. 2.
 Zellner, Robert J., to Ansul Chemical Co. 2,686,407, Cl. 62—170.
 Zellweger A. G., Apparate und Maschinefabriken Uster, assignee: *See*—
 Locher, Hans. 2,679,639.
 Meier, Heinrich.
 Zelnick, Charles, assignor to The Lufkin Rule Company, Saginaw, Mich. Micrometer gauge. 2,665,490, Jan. 12.
 Zelnick, Charles, to The Lufkin Rule Co. 2,694,861, Cl. 33—162.
 Zenftman, Henryk, assignor to Imperial Chemical Industries Limited. 2,674,590, Cl. 260—61.
 Zenftman, Henryk, assignor to Imperial Chemical Industries Limited. 2,675,339, Cl. 154—139.
 Zenick, Raymond G. 2,676,048, Cl. 292—341.12.
 Zenith Plastics Co.: *See*—
 Fingerhut, Solomon. 2,688,580.
 Zenith Radio Corp.: *See*—
 Adler, Robert. Re. 23,813.
 Adler, Robert. 2,681,994.
 Adler, Robert. 2,681,995.
 Adler, Robert. 2,684,404.
 Adler, Robert. 2,687,494.
 Adler, Robert. 2,691,117.
 Adler, Robert. 2,691,697.
 Adler, Robert. 2,694,158.
 Adler, Robert, and Bridges. 2,678,413.
 Cotsworth, Albert, III. 2,692,909.
 Crotty, Francis W., and Roschke. 2,691,061.
 Druz, Walter S. 2,694,104.
 Druz, Walter S., and Pulles. 2,694,103.
 Eilers, Carl G.
 Gustafson, Gilbert E., and Criswell.
 Hardy, Maurice E. 2,674,132.
 Hardy, Maurice E. 2,682,774.
 Herron, Archie L. 2,690,944.
 Loe, Gerald M. 2,681,383.
 Mullaney, Ralph A.
 Mullaney, Ralph A., and Wagenknecht. 2,698,182.
 Nordby, Roger M.
 Polley, Eugene J. 2,681,634.
 Pulles, Jan H.
 Reeves, Pierce E. 2,677,719.
 Roschke, Erwin M. 2,691,060.
 Roschke, Erwin M. 2,694,105.
 Roschke, Erwin M. 2,697,741.
 Spracklen, John G. 2,684,403.
 Van Jepmond, Howard K. 2,692,908.
 Wallace, Henry S., and Tulleners. 2,684,440.
 Zenker, Gottfried J.: *See*—
 Zenker, John J. and G. J. 2,697,294.
 Zenker, John J. and G. J. 2,697,294, Cl. 40—126.
 Zenlea, Perry. 2,696,285, Cl. 193—43.
 Zenner, George H., and R. W. Houvener, Kenmore, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Heat regenerator containing metal packing material coated with a lubricant. 2,671,644, Mar. 9.
 Zenner, Raymond E., assignor to Armour Research Foundation of Illinois Institute of Technology. 2,675,185, Cl. 242—54.

- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Telegraph printer. 2,666,095, Jan. 12.
- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Automatic message switching system. 2,667,533, Jan. 26.
- Zenner, Walter J., assignor to Teletype Corporation. 2,675,078, Cl. 164—113.
- Zenner, Walter J., assignor to Teletype Corporation. 2,677,013, Cl. 178—17.
- Zenner, Walter J., assignor to Teletype Corporation. 2,678,118, Cl. 192—75.
- Zenner, Walter J., assignor, by mesne assignments, to Teletypesetter Corporation. 2,679,923, Cl. 199—18.
- Zepelovitch, Nathan, Tel Aviv, Israel, assignor to N. A. Bernstein, New York, N. Y. Writing instrument. 2,670,710, Mar. 2.
- Zepelovitch, Nathan, assignor to N. A. Bernstein. 2,678,762, Cl. 226—63.
- Zerbe, Richard O.: *See—*
Downey, Paul M., and Zerbe.
- Zerykier, David: *See—*
Székely, George, and Zerykier. 2,678,044.
- Zeth, Arthur M., assignor, by mesne assignments, to I-T-E Circuit Breaker Company. 2,676,216, Cl. 200—48.
- Zettl, Joseph H., to Johns-Manville Corp. 2,684,206, Cl. 241—84.
- Zettelmeyer, Gerhard J., to United States Steel Corp. 2,681,187, Cl. 242—79.
- Zetterberg, Knut F. N. 2,686,058, Cl. 279—123.
- Zettlemoyer, Albert C., and W. C. Walker, Bethlehem, Pa., assignors to Food Machinery and Chemical Corporation, New York, N. Y. Catalyzing organic isomerization reactions with active magnesia. 2,666,771, Jan. 19.
- Zeun, Louis H., to Peter Paul, Inc. 2,688,940, Cl. 107—8.
- Zeun, Louis H., to Peter Paul, Inc. 2,688,941, Cl. 107—8.
- Zeuzem, Friedrich R., Frankfurt am Main, Germany, assignor of one-half to H. Wollner, New York, N. Y. Radially separable antifriction bearings. 2,668,743, Feb. 9.
- Zevely, Thomas K., to The Washington Brick Co. 2,686,950, Cl. 25—103.
- Zevnik, Francis C.: *See—*
Rathmell, Richard K., and Zevnik. 2,689,871.
- Zickendraht, Christian: *See—*
Widmer, Willy, and Zickendraht. 2,674,515.
Widmer, Willy, Zickendraht, and Buehler.
- Zickendraht, Christian, Binningen, and A. Buehler, Rheinfelden, assignors to Ciba Limited, Basel, Switzerland. Cobaltiferous azo-dyestuffs. 2,673,201, Mar. 23.
- Zickler, Gottfried: *See—*
Hopkins, George W., Davis, and Zickler.
- Ziebell, Theodore R., Milwaukee, Wis., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Means for securing printing plates to their cylinders. 2,667,832, Feb. 2.
- Ziebell, Theodore R., Milwaukee, Wis., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Means for securing printing plates to their cylinders under tension. 2,667,833, Feb. 2.
- Ziebell, Theodore R., Milwaukee, Wis., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Means for securing printing plates to their cylinders under tension. 2,667,834, Feb. 2.
- Ziebell, Theodore R., Milwaukee, Wis., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Means for securing printing plates to their cylinders. 2,667,835, Feb. 2.
- Ziebold, Eugene H., to Solar Aircraft Co. 2,682,893, Cl. 138—30.
- Ziebolz, Herbert: *See—*
Velten, Hubert J., and Ziebolz. 2,687,645.
- Ziebolz, Herbert, to Askania Regulator Co. 2,692,581, Cl. 121—38.
- Ziege, Norman E., assignor to Phillips Petroleum Company. 2,675,793, Cl. 123—121.
- Ziegler, Alfred: *See—*
Mathzeit, Erich, Ziegler, and Schröder. 2,679,990.
- Ziegler, Arthur W., to Bell Telephone Laboratories, Inc. 2,697,047, Cl. 117—37.
- Ziegler, Edward F. 2,691,999, Cl. 152—228.
- Ziegler, Fritz: *See—*
Schultz, Fritz, and Ziegler.
- Ziegler, Horst: *See—*
Wuensch, Guido, Ziegler, and Caspar.
Wuensch, Guido, and Ziegler.
- Ziegler, Horst, Berlin, Germany, assignor to Askania-Werke A.-G. Fluid flow metering and integrating instrument and the like, with zero stabilizer. 2,669,874, Feb. 23.
- Ziegler, John A., assignor to Canadian Breweries Limited, Toronto, Ontario, Canada. Refining vegetable oils in miscella. 2,670,362, Feb. 23.
- Ziegler, John B.: *See—*
Lanzillotti, Anthony E., Shabica, and Ziegler.
- Ziegler, Karl, and K. Zosel; said Zosel assor. to said Ziegler. 2,691,668, Cl. 260—448.
- Ziegler, Karl, and H. G. Gellert. 2,695,327, Cl. 260—683.15.
- Ziegler, William M.: *See—*
Lulek, Ralph N., and Ziegler.
- Zielinski, Edward A., Berwyn, assignor of one-half to J. S. Kishel, Brookfield, Ill. Harmonica apparatus. 2,664,775, Jan. 5.
- Zielinski, Edward A., ½ to J. E. Gluszczyk. 2,696,692, Cl. 43—15.
- Ziels, Norbert W., assignor to Lever Brothers Company. 2,678,326, Cl. 260—424.
- Ziems, Elmer A.: *See—*
Reaser, William A., and Ziems.
- Zientowski, Edward L., and L. H. Williams, Toledo, Ohio. Electrical fixture support and connector. 2,671,821, Mar. 9.
- Zienty, Ferdinand B.: *See—*
Adams, James F., and Zienty. 2,696,489.
Kyrides, Lucas P., and Zienty. 2,674,598.
- Zierer, Wallace E., assignor to Chrysler Corporation. 2,680,592, Cl. 251—305.
- Zieve, William A. 2,696,095, Cl. 66—172.
- Ziffer, Garret F., and N. B. Saunders, assignors to American Machine & Foundry Company. 2,678,965, Cl. 178—17.5.
- Zifferer, Lothar R. 2,678,266, Cl. 75—130.
- Ziherl, Frank, and A. S. Kish, to G. W. Walker, and F. and L. A. Ziherl. 2,687,724, Cl. 128—173.
- Ziherl, Louis A.: *See—*
Ziherl, Frank, and Kish. 2,687,724.
- Ziliox, Thomas L., and W. P. Taylor, to The Champion Paper and Fibre Co. 2,691,606, Cl. 117—65.
- Zilliken, Friedrich: *See—*
Görgy, Paul, Kuhn, and Zilliken. 2,694,640.
Kuhn, Richard, and Zilliken. 2,695,911.
- Zimarik, John. 2,697,679, Cl. 154—127.
- Zimberoff, Manuel, R. G. Leavitt, and H. Paul. 2,697,392, Cl. 95—11.5.
- Zimdars, Clarence, assignor of ½ to L. J. Hojnacki. 2,678,524, Cl. 51—241.
- Zimic, Michael, Lake Success, and A. Miskovsky, Deer Park, N. Y., said Miskovsky assignor to said Zimic. Yarn feed mechanism for knitting machines. 2,670,619, Mar. 2.
- Zimmer, Albert E., to Enterprise Railway Equipment Co. 2,684,643, Cl. 105—301.
- Zimmer, Albert E., to Enterprise Railway Equipment Co. 2,690,138, Cl. 105—282.
- Zimmer, George H., Jr., to Robbins & Meyers, Inc. 2,691,347, Cl. 103—25.
- Zimmer, Harold J., to Northrop Aircraft, Inc. 2,686,024, Cl. 244—135.
- Zimmer, John S., to General Electric Co. 2,689,105, Cl. 248—358.
- Zimmerman, Carl W., to Socony-Vacuum Oil Co., Inc. 2,689,329, Cl. 324—5.
- Zimmerman, Casper J.: *See—*
Hawkins, Leslie J., and Zimmerman. 2,681,746.
- Zimmerman, Donald R., assignor to Marathon Corporation. 2,675,957, Cl. 229—62.
- Zimmerman, Edward C., to Patent License Corp. 2,688,072, Cl. 240—7.1.
- Zimmerman, Haven M., Dunbar, and D. L. Greenlee, Charleston, W. Va. Bib. 2,672,614, Mar. 23.
- Zimmerman, Jay V., Co.: *See—*
Gottlieb, Morton S. 2,686,834.
Gottlieb, Morton S. 2,686,835.
- Zimmerman, Richard, assignee: *See—*
Bender, Robert W.
- Zimmerman, Richard G., Lawrence, Kans. Drier for printing presses. 2,668,700, Feb. 9.
- Zimmerman, Werner. 2,679,060, Cl. 15—77.
- Zimmerman, William H., San Bernardino, Calif. Brush attachment for phonograph pickup arms. 2,670,213, Feb. 23.
- Zimmermann, Frederick J., Wausau, Wis., assignor to Sterling Drug Inc., New York, N. Y. Waste disposal. 2,665,249, Jan. 5.
- Zimmermann, Wilhelm, assignor to Metallgesellschaft Aktiengesellschaft, Frankfurt am Main, Germany. Cooling apparatus. 2,669,032, Feb. 16.
- Zimmermann, William F., and G. Davenport, to Gould & Eberhardt, Inc. 2,690,701, Cl. 90—4.
- Zimpe, Richard F., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Labeling machine. 2,668,632, Feb. 9.
- Zina Goodell Corp.: *See—*
Chandler, Daniel L. 2,686,351.
- Zingg, Emil F., Heerbrugg-Widnau, Berneck, Gempern, assignor to Société de la Viscose Suisse, Emmenbrucke, Switzerland. Yarn package support. 2,671,332, Mar. 9.
- Zingone, Anthony E., to Neo-Ray Products, Inc. 2,684,498, Cl. 16—181.
- Zingone, Anthony E., to Neo-Ray Products, Inc. 2,689,026, Cl. 189—84.
- Zingone, Anthony E., to Neo-Ray Products, Inc. 2,695,950, Cl. 240—52.15.
- Zini, Hugo A.: *See—*
Zini, Placido. 2,691,230.
- Zini, Placido, to H. A. Zini. 2,691,230, Cl. 38—26.
- Zink, John S., and R. D. Reed, Tulsa, Okla., said Reed assignor to said Zink. Radiant gas burner assembly. 2,667,216, Jan. 26.
- Zinke, Erwin M., Oakland, Calif. Device for repairing automobile body members and the like. 2,668,727, Feb. 9.
- Zinn, Julius A., Jr., and C. B. Shaw, Chicago, Ill., said Shaw assignor to said Zinn. Method of and apparatus for closing and sealing containers. 2,669,815, Feb. 23.
- Zinn, Julius A., Jr. 2,684,308, Cl. 117—64.

- Zinn, Otis E. 2,679,155, Cl. 72—0.5.
 Zinn, Robert E., and A. W. Metzner, to The Standard Register Co. 2,693,237, Cl. 164—84.5.
 Zinzalian, George: *See*—
 Barsky, George, and Zinzalian.
 Barsky, George, and Zinzalian. 2,685,592.
 Zion, Forest L.: *See*—
 Nichols, Charles A., Clevenger, Fletcher, and Zion. 2,677,874.
 Zion, Forest L., to General Motors Corp. 2,683,922, Cl. 29—156.
 Zlon, Moses, to The Lionel Corp. 2,682,650, Cl. 339—188.
 Zipperlin, Roman, Nutley, N. J. Pot washer. 2,671,916, Mar. 16.
 Zira Laboratories, assignee: *See*—
 Merchant, Chester O. 2,675,719.
 Zirbel, Robert P. 2,676,737, Cl. 224—5.
 Zircher, Francis J.: *See*—
 Avery, Clarence L., and Zircher. 2,681,660.
 Zirconium Corp. of America: *See*—
 Wagner, Harold C., and Schoenlaub. 2,694,646.
 Zierker, Jack B., to Radio Corp. of America. 2,691,755, Cl. 321—36.
 Zirngibl, Hans: *See*—
 Emert, Oskar, von der Forst, and Zirngibl. 2,676,096.
 Ziskin, Manuel S., University Heights, and R. B. Billig, Erie, assignors to Kromex Corporation, Cleveland, Ohio. Teakettle. 2,666,556, Jan. 19.
 Zisman, William A.: *See*—
 Hain, George M., and Zisman. 2,693,449.
 Zltomer, Abe, assignor to Alumatic Corporation of America, Milwaukee, Wis. Window structure. 2,664,599, Jan. 5.
 Zitz, Curt L., and D. A. Kintz, to The Glenn L. Martin Co. 2,694,583, Cl. 285—25.
 Zitzewitz, Barbara O.: *See*—
 Vischer, Alfred, Jr. 2,691,090.
 Zitzewitz, Elmer K.: *See*—
 Vischer, Alfred, Jr. 2,691,090.
 Zitzewitz, Gertrude J.: *See*—
 Vischer, Alfred, Jr. 2,691,090.
 Zitzewitz, Walter W.: *See*—
 Vischer, Alfred, Jr. 2,691,090.
 Zletz, Alex: *See*—
 Roebuck, Alan K., and Zletz. 2,692,258.
 Zletz, Alex, to Standard Oil Co. 2,692,257, Cl. 260—88.1.
 Zobel, Gerald. 2,682,911, Cl. 154—42.
 Zobel, Gertrude: *See*—
 Zobel, Theodor W., and Mirus. 2,693,065.
 Zobel, Joseph. 2,674,559, Cl. 154—118.
 Zobel, Theodor W., deceased (R. F. Reckman, administrator), assor. to G. Zobel, deceased (The Central Trust Co., executor and trustee of the estate of said G. Zobel), and F. M. Mirus. 2,693,065, Cl. 51—217.
 Zodmer, Harlan H., and J. A. Mustard, to The Parker Pen Co. 2,681,041, Cl. 120—50.
 Zoeller, Anton J., West New York, N. J. Protecting normally corrodible metals from corrosion. 2,671,736, Mar. 9.
 Zoercher, Karl J., assignor to Tell City Chair Company. 2,679,895, Cl. 155—141.
 Zoercher, Karl J., to Tell City Chair Co. 2,697,481, Cl. 155—141.
 Zoll, Carl M., and W. K. Gauthier, New Orleans, La. Abdominal retractor attachment. 2,670,731, Mar. 2.
 Zoll, Earl, assignor to Rohr Aircraft Corporation. 2,674,907, Cl. 77—62.
 Zollars, Richard U.: *See*—
 McClellan, Marcus E., Zollars, and Berry. 2,695,816.
 Zollars, Richard U., to Deere Mfg. Co. 2,691,551, Cl. 309—37.
 Zollinger, Heinrich: *See*—
 Ruegg, Rudolf, and Zollinger. 2,676,959.
 Zollinger, Heinrich, Binningen, and R. Ruegg, assignors to Ciba Limited, Basel, Switzerland. Monoazo-dyestuffs. 2,668,811, Feb. 9.
 Zoltok, Harry. 2,698,172, Cl. 267—30.
 Zonolite Company, assignee: *See*—
 Dresser, Harry A.
 Zorn, Werner. 2,688,947, Cl. 116—124.4.
 Zorn, Wesley: *See*—
 Backofen, E. Ryan, and Zorn. 2,678,743.
 Zorn, Wesley, assignor to Clark Equipment Company. 2,678,742, Cl. 214—315.
 Zosel, Kurt: *See*—
 Ziegler, Karl, and Zosel. 2,691,668.
 Zoubek, Charles M., Oak Lawn, assignor to Swift & Company, Chicago, Ill. Sealing polyethylene films. 2,667,437, Jan. 26.
 Zozulin, Igor, and G. J. Okulitch, Vancouver, British Columbia, Canada. Silent magnetic switch. 2,665,344, Jan. 5.
 Zozulin, Igor V.: *See*—
 Okulitch, George J., Zozulin, Okulitch, and Volkoff.
 Zozulin, Igor V., G. J. Okulitch, G. M. Volkoff, V. J. Okulitch, and A. S. J. Libec. 2,680,203, Cl. 310—94.
 Zublin, John A., Los Angeles, Calif. Apparatus for drilling lateral bores deviating from vertical well bores. 2,669,428, Feb. 16.
 Zublin, John A., Los Angeles, Calif. Apparatus for drilling deviating bores utilizing a plurality of curved tubular drill guide sections. 2,669,429, Feb. 16.
 Zublin, John A., Los Angeles, Calif. Apparatus for drilling deviating bores utilizing a plurality of straight tubular drill guide sections. 2,669,430, Feb. 16.
 Zublin, John A., Los Angeles, Calif. Apparatus for drilling oriented drain holes. 2,672,321, Mar. 16.
 Zublin, John A. 2,680,358, Cl. 64—9.
 Zublin, John A. 2,684,581, Cl. 64—2.
 Züblin, Julius, Glarisegg-Steckborn, Switzerland. Container. 2,665,037, Jan. 5.
 Züblin, Marcel W., Dumbarton, Scotland, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Device for indicating the maximum value of a variable force. 2,673,464, Mar. 30.
 Zuccoli, Guido, Florence, Italy. Means for mounting artificial molar teeth. 2,669,779, Feb. 23.
 Zucker, Gottlieb F. 2,697,870, Cl. 29—222.
 Zucker, Sam. 2,694,533, Cl. 242—55.4.
 Zuckerman, Samuel G., assignor of one-half to C. H. Marks, New York, N. Y. Illuminated tweezers. 2,666,843, Jan. 19.
 Zuercher, Robert A. 2,695,590, Cl. 118—29.
 Zukosky, Albert W., Burnsville, N. C. Treating froth flotation concentrates. 2,665,004, Jan. 5.
 Zuliani, Marcello: *See*—
 Giletta, Dario, Pacciarini, and Zuliani. 2,681,684.
 Zumbusch, Peter C., Upper Montclair, N. J. Pressure fluid operated control apparatus. 2,671,431, Mar. 9.
 Zunkeller, Karl F., Indianapolis, Ind. Tool setting gauge. 2,667,703, Feb. 2.
 Zündel, Jean E., Kayserberg, France, and R. S. Aries, Brooklyn, N. Y. Deinking. 2,673,798, Mar. 30.
 Zunick, Michael J., Greenfield, and H. W. Goodrick, Brookfield, Wis., assignors to General Electric Company. Anode target. 2,665,390, Jan. 5.
 Zunick, Michael J., and J. E. Illingworth, to General Electric Co. 2,694,958, Cl. 313—32.
 Zunker, Donald H.: *See*—
 Khouri, Alfred S., and Zunker.
 Schmid, John H.
 Schmid, John H. 2,686,321.
 Zurawski, Edward F., to Garden City Plating & Mfg. Co. 2,694,139, Cl. 240—51.11.
 Zurn, J. A., Mfg. Co.: *See*—
 Baker, Albert A. 2,687,141.
 Baker, Albert A. 2,688,976.
 Schmid, John H. 2,689,017.
 Schmid, John H. 2,689,058.
 Zussman, Hyman W., and R. L. Bernstein, Providence, assignors to Alrose Chemical Company, Cranston, R. I. Detergents containing imidazoline lactates. 2,669,546, Feb. 16.
 Zuzzi, Giovanni. 2,678,859, Cl. 311—39.
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 Bill, Albert, to Tornado A-G. 173,181, Cl. D9—2.
 Billey, Leino H., to Donaldson Co., Inc. 172,532, Cl. D14—6.
 Billig, Ralph B.: See—
 Ziskin, Manuel S., and Billig. 171,985.
 Billingsley, William F., to The B. F. Goodrich Co. 172,860, Cl. D90—20.
 Billingsley, William F., to The B. F. Goodrich Co. 172,861, Cl. D90—20.
 Binding, Kenneth W., to Market Forge Co. 172,817, Cl. D14—6.
 Bingham, George H., Jr., to Cambridge Rubber Co. 173,138, Cl. D7—4.
 Birns, Ben, Rockville Centre, N. Y. Phonograph. 171,576, Mar. 2.
 Biro Mfg. Co.: See—
 Biro, Vincent G. 173,182.
 Biro, Vincent G., to Biro Mfg. Co. 173,182, Cl. D55—1.
 Bishop, Charles B. 172,576, Cl. D14—3.
 Bissell Carpet Sweeper Co.: See—
 Hertzler, Frederick W. 173,617.
 Bitner, John D., Jr.: See—
 Benckert, Willis J., and Bitner. 172,739.
 Black, M., Mfg. Co.: See—
 Black, Max A. 173,139.
 Black, Max A., to M. Black Mfg. Co. 173,139, Cl. D48—20.
 Blair, Mary, assignee: See—
 Satey, Anna.
 Blake, Howard W. 172,577, Cl. D92—2.
 Blake, Howard W. 172,578, Cl. D92—2.
 Blakely, John W. 171,881, Cl. D48—4.
 Blanchaert, Leonard, Milan, Italy, assignor to Coltellerie Riunite di Caslino E. Maniago. Shears or the like. 171,837, Mar. 30.
 Blatz Brewing Co.: See—
 Schmidt, Edward F. 173,285.
 Schmidt, Edward F. 173,513.
 Blenkle, Herbert A., assignor, by mesne assignments, to Marco Mfg. Company. 172,124, Cl. D14—3.
 Blenkle, Herbert A., to Marco Mfg. Co. 173,140, Cl. D14—3.
 Bley, William G. 173,406, Cl. D47—7.
 Bley, William G. 173,407, Cl. D47—7.
 Bley, William G. 173,408, Cl. D47—7.
 Blish, Matthew B., Oak Park, Ill. Magnetic pencil holder or similar article. 171,635, Mar. 9.
 Bliss, Albert, Providence, R. I. Buckle. 171,746, Mar. 23.
 Bloch, Jack, to Foster Grant Co. Inc. 172,533, Cl. D57—1.
 Bloch, Jack, to Foster Grant Co. Inc. 172,534, Cl. D57—1.
 Bloch, Jack, to Foster Grant Co. Inc. 173,471, Cl. D86—8.
 Bloesch, Donald G., Chicago, Ill. Game board. 171,483, Feb. 16.
 Bloomberg, Abe S., Swampscott, assignor to Bolta Products Sales, Inc., Lawrence, Mass. Quilted plastic fabric. 171,433, Feb. 9.
 Bloomer Bros. Company, assignee: See—
 Franklin, Howard L. 172,228.
 Blum, Chase: See—
 Fritz, Rudolph A. 173,025.
 Blum, Louis. 171,963, Cl. D28—1.
 Blum, Louis. 173,299, Cl. D13—7.
 Bohnett, Floyd O. 173,098, Cl. D34—15.
 Bokorney, Fred R. 172,331, Cl. D52—1.
 Boldt, Melvin H., to National Presto Industries, Inc. 173,716, Cl. D81—10.
 Boldt, Melvin H., to National Presto Industries, Inc. 173,521, Cl. D44—26.
 Bo-Low Lamp Corp.: See—
 Goldman, Robert, and Nemzer.
 Goldman, Robert, and Nemzer. 172,388.
 Goldman, Robert, and Nemzer. 172,389.
 Goldman, Robert, and Nemzer. 172,876.

- Bolta Products Sales, Inc., assignee: *See*—
Bloomberg, Abe S.
Ring, Raymond M. 172,248.
- Boltz, Franklyn W., F. Ferlisi, E. L. Olson, W. L. Allinson, and E. E. Lindsey; said Boltz, said Ferlisi, said Olson, and said Allinson assignors to said Lindsey. 172,379, Cl. D67—2.
- Bomse, Marc. 172,818, Cl. D34—5.
- Bond, Scott R., North Plainfield, N. J., assignor to Lorentzen Hardware Mfg. Corp., New York, N. Y. Tassel for pull cords. 171,484, Feb. 16.
- Boneau, Stephen C. 173,183, Cl. D3—13.
- Bono, Luigi, to Vittorio Necchi Società per Azioni. 172,819, Cl. D70—1.
- Boots, William C., Rumford, R. I., assignor to Foster Metal Products Incorporated, Attleboro, Mass. Expandable link chain for a wrist watch bracelet or the like. 171,680, Mar. 16.
- Boots, William C., Rumford, R. I., assignor to Foster Metal Products Incorporated, Attleboro, Mass. Expandable link chain for a wrist watch bracelet or the like. 171,838, Mar. 30.
- Boots, William C., assignor to Foster Metal Products Incorporated. 171,926, Cl. D80—5.
- Boots, William C., assignor to Foster Metal Products Incorporated. 172,001, Cl. D45—4.
- Boots, William C., assignor to Foster Metal Products Incorporated. 172,081, Cl. D45—4.
- Boots, William C., assignor to Foster Metal Products Incorporated. 172,332, Cl. 45—4.
- Boots, William C., to Foster Metal Products Inc. 172,415, Cl. D45—4.
- Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Illinois, Rockford, Ill. Cabinet door catch. 171,485, Feb. 16.
- Borchers, Earl M., to American Cabinet Hardware Corp. 172,919, Cl. D10—8.
- Borchers, Earl M., and A. W. Ahlgren, assignors to American Cabinet Hardware Corporation, Rockford, Illinois, Rockford, Ill. Surface mount door catch. 171,486, Feb. 16.
- Borgfeldt, Robert R., Chicago, Ill. Drink stirrer or similar article. 171,434, Feb. 9.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,291, Jan. 19.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,292, Jan. 19.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,376, Feb. 2.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,377, Feb. 2.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,378, Feb. 2.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,379, Feb. 2.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,380, Feb. 2.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,381, Feb. 2.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,435, Feb. 9.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,487, Feb. 16.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,488, Feb. 16.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,489, Feb. 16.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp base. 171,490, Feb. 16.
- Borowitz, David, assignor to Bradley Manufacturing Company, Chicago, Ill. Electric lamp. 171,839, Mar. 30.
- Borowitz, David, assignor to Bradley Manufacturing Company. 172,265, Cl. D48—20.
- Borowitz, David, to Bradley Mfg. Co. 172,460, Cl. D48—20.
- Borowitz, David, to Bradley Mfg. Co. 172,461, Cl. D48—20.
- Borowitz, David, to Bradley Mfg. Co. 172,462, Cl. D48—20.
- Borowitz, David, to Bradley Mfg. Co. 172,463, Cl. D48—20.
- Borowitz, David, to Bradley Mfg. Co. 172,490, Cl. D48—20.
- Borowitz, David, to Bradley Mfg. Co. 172,656, Cl. D48—20.
- Borowitz, David, to Bradley Mfg. Co. 172,698, Cl. D48—20.
- Bottemiller, Merton M., and L. B. Olsen, to Homecrest Furniture Co. 173,300, Cl. D15—1.
- Bottemiller, Merton M., and L. B. Olsen, to Homecrest Furniture Co. 173,301, Cl. D15—1.
- Bottemiller, Merton M., and L. B. Olsen, to Homecrest Furniture Co. 173,409, Cl. D15—1.
- Boucher, Marcel, Eltingeville, N. Y. Necklace or similar article. 171,273, Jan. 12.
- Boucher, Marcel, Eltingeville, N. Y. Bracelet or similar article. 171,274, Jan. 12.
- Boucher, Marcel, Eltingeville, N. Y. Combined necklace and clip. 171,321, Jan. 26.
- Boucher, Marcel, et Cie, assignee: *See*—
Semensohn, Raymonde.
- Bourner, Howard L.: *See*—
Nordholt, Louis E., and Bourner. 172,719.
Nordholt, Louis E., and Bourner. 172,720.
- Bourner, Howard L., to Temco Inc. 172,740, Cl. D81—19.
- Bouyeure, Elvira, to Societe Anonyme Biki. 172,778, Cl. D57—1.
- Bowlen, Nord, to Rogers, Lunt & Bowlen Co. 173,184, Cl. D51—12.
- Bowlin, Joe P. 171,927, Cl. D44—10.
- Boyd, William H. A., Kensington, Md. Guided missile. 171,293, Jan. 19.
- Bradley Mfg. Co.: *See*—
Borowitz, David.
Borowitz, David. 172,265.
Borowitz, David. 172,460.
Borowitz, David. 172,461.
Borowitz, David. 172,462.
Borowitz, David. 172,463.
Borowitz, David. 172,490.
Borowitz, David. 172,656.
Borowitz, David. 172,698.
- Bramming, Carl, to Aladdin Industries, Inc. 173,522, Cl. D58—8.
- Brandon, Thomas O., W. B. Gerould, J. M. Long, and L. J. Smith, Jr., to A. G. Spalding & Bros. Inc. 172,416, Cl. D34—5.
- Branick, Charles E. 172,820, Cl. D41—1.
- Brasher, James H. 172,380, Cl. D34—11.
- Braun, Julius, Chicago, Ill. Bottle. 171,294, Jan. 19.
- Braunberger, Ray A. 173,050, Cl. D14—6.
- Breen, Frederick M., Westchester, assignor to Coty, Inc., New York, N. Y. Combined music box and container or similar article. 171,436, Feb. 9.
- Breen, Frederick M., Westchester, assignor to Coty, Inc., New York, N. Y. Combined music box and container or similar article. 171,437, Feb. 9.
- Brennan, William T. 172,862, Cl. D9—2.
- Brenner, Edward and H. 172,082, Cl. D8—1.
- Brenner, Edward and H. 172,083, Cl. D8—1.
- Brenner, Edward and H. 172,084, Cl. D8—1.
- Brenner, Elizabeth A., Wallingford, Conn. Devotional desk. 171,577, Mar. 2.
- Brenner, Howard T., to Gorham Mfg. Co. 172,657, Cl. D48—2.
- Brenner, Howard T., to Gorham Mfg. Co. 172,699, Cl. D48—2.
- Brenner, Howard T., to Gorham Mfg. Co. 172,700, Cl. D48—2.
- Brenner, Hymie: *See*—
Brenner, Edward and H. 172,082.
- Bresler, Louis L. 172,333, Cl. 74—1.
- Briddell, Chas. D., Inc., assignee: *See*—
Culver, Paul C.
- Briggs & Stratton Corp.: *See*—
Lechtenberg, Leo J., and Stevens. 173,072.
- Briskin, Theodore S., and J. E. Davis, to Revere Camera Co. 172,779, Cl. D61—1.
- Briskin, Theodore S., and J. E. Davis, to Revere Camera Co. 172,780, Cl. D61—1.
- Brock, Milton. 172,334, Cl. 17—1.
- Brockman, Emory W.: *See*—
Kantor, Seymour C., and Brockman. 173,619.
- Brodton, Lynn. 172,464, Cl. D14—3.
- Bronco Horse Co.: *See*—
Piacente, Joseph. 172,683.
- Bronstein, Jacques. 172,085, Cl. D34—5.
- Bronstein, Jacques. 173,141, Cl. D34—5.
- Brooks, Albert E., H. A. Bacon, and T. H. Stark, to Electric Lighting, Inc. 173,255, Cl. D48—23.
- Brooks, Albert N. 173,185, Cl. D58—4.
- Brotherton, Vincent E., Van Nuys, Calif. Game table. 171,526, Feb. 23.
- Brown, Arthur J., Pasadena, Calif. Ash tray. 171,527, Feb. 23.
- Brown & Bigelow: *See*—
Ernst, Charles W. 173,417.
Gruber, Francis E. 173,201.
Milne, Stewart J. 173,076.
Woofter, Cecil B. 172,377.
Woofter, Cecil B. 173,249.
- Brown, Erwin W., to Minnesota Mining & Mfg. Co. 173,010, Cl. D26—14.
- Brown, Lillian. 173,636, Cl. D57—1.
- Brown, Lillian. 173,637, Cl. D57—1.
- Brown, Robert J., Los Angeles, Calif. Fishing rod holder belt. 171,382, Feb. 2.
- Brown, Walter E., assignor to The Indian Company. 172,215, Cl. D90—8.
- Browne, Donald C. 172,002, Cl. D34—15.
- Bruce, Leo I., assignor to General Electric Company. 172,266, Cl. D42—7.
- Bruce, Leo I., to General Electric Co. 173,142, Cl. D12—7.
- Brucker, Milton, Los Angeles, assignor to Zenith Plastics Company, Gardena, Calif. Combined can and cover therefor or similar article. 171,578, Mar. 2.
- Bruce, Leo I., to General Electric Co. 173,302, Cl. D42—7.
- Brunswick-Balke-Collender Company, The, assignee: *See*—
Chapman, David, and Reineman.
- Brusha, James E. 172,417, Cl. D80—1.
- Bryant, Vera C. 173,638, Cl. D58—25.
- Buchanan, Robert F. 173,303, Cl. D81—1.
- Bucholtz, Sam. 172,579, Cl. D48—7.

- Bucholtz, Sam. 172,701, Cl. D48—7.
 Bucholtz, Sam. 172,702, Cl. D48—7.
 Buckingham, John W., to The Jackson Electric Stove Co. Ltd. 173,410, Cl. D81—4.
 Buckley, Henry J., to J. F. Hodgkins Co. 172,863, Cl. D54—13.
 Budai, Steve G., to Balerank, Inc. 172,658, Cl. D15—8.
 Budai, Steve G., to Balerank, Inc. 172,659, Cl. D15—8.
 Budai, Steve G., to Balerank, Inc. 172,660, Cl. D15—8.
 Budlong, Docherty & Armstrong, Inc.: See—
 Armstrong, George A. 173,602.
 Budlong, Robert D., Skokie, Ill., assignor to Zenith Radio Corporation. Radio cabinet. 171,383, Feb. 2.
 Budlong, Robert D., assignor to Amana Refrigeration, Inc. 172,335, Cl. 67—3.
 Budlong, Robert D., to Zenith Radio Corp. 172,661, Cl. D56—4.
 Budlong, Robert D., to Amana Refrigeration, Inc. 172,921, Cl. D67—3.
 Budlong, Robert D., to Cory Corp. 173,143, Cl. D44—26.
 Budlong, Robert D., to Amana Refrigeration, Inc. 173,472, Cl. D62—4.
 Buffalo Weaving and Belting Co.: See—
 McGrath, Robert F., Scott, and Sames. 172,978.
 Bull, Ross. 173,717, Cl. D38—1.
 Bull, Wilson R., to United States Rubber Co. 172,703, Cl. D92—21.
 Bull Dog Lock Co.: See—
 Isensee, Otto, Jr. 172,667.
 Bump, Zenas A., Fresno, Calif. Message rack or similar article. 171,438, Feb. 9.
 Bunting Glider Company, assignee: See—
 Goldberg, Aaron S.
 Bureau, Achille G. 171,928, Cl. D33—8.
 Burggraf, Frederick, Jr.: See—
 Freitag, Byron E., and Burggraf. 172,708.
 Freitag, Byron E., and Burggraf. 172,709.
 Freitag, Byron E., and Burggraf. 172,710.
 Freitag, Byron E., and Burggraf. 172,711.
 Burke, Jerry A., Jr. 172,336, Cl. 85—7.
 Burkhard, Carl. 172,491, Cl. D44—21.
 Burkhead, Arthur R. 172,003, Cl. 15—8.
 Burleson, Lura P., Fairview, assignor to Sunset Products, Asheville, N. C. Doll. 171,681, Mar. 16.
 Burlington Mills Corporation, assignee: See—
 Maisch, Jacques E.
 Burroughs, John L., Chicago, Ill. Radio. 171,636, Mar. 9.
 Burroughs, Louis R. 173,608, Cl. D26—14.
 Burrows, Samuel, assignor to Neo Products Co. 172,216, Cl. D61—1.
 Burrows, Samuel, assignor to Neo Products Co. 172,217, Cl. D61—1.
 Burst, Francis J., assignor to Hill-Rom Company, Inc. 172,218, Cl. D15—8.
 Butkiewicz, Emanuel, R. P. McGurk, and W. J. Johnson 172,948, Cl. D4—3.
 Butler, Charles W., Englewood, N. J., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Lawn mower. 171,384, Feb. 2.
 Butler, Charles W., Englewood, N. J., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Gasoline motor housing. 171,385, Feb. 2.
 Butler, Charles W., to Toro Mfg. Corp. of Minnesota. 173,099, Cl. D40—1.
 Cable Electric Products, Inc., assignee: See—
 Grohsgal, Alexis C. 172,021.
 Grohsgal, Alexis C. 172,092.
 Cagen, George, to Self Winding Clock Co., Inc. 173,639, Cl. D42—1.
 Cahn, Eric P., and N. S. Stern. 173,100, Cl. D42—7.
 Cain, Frederick C. 172,580, Cl. D29—23.
 Caldwell Button Co., Inc.: See—
 Meltz, Sidney. 172,837.
 Califano, Edward C. 172,219, Cl. D14—3.
 California Research Corporation, assignee: See—
 Ayrault, George A., and McNay.
 Cambridge Rubber Co.: See—
 Bingham, George H., Jr. 173,138.
 Campbell, Harold E. 172,492, Cl. D71—1.
 Campbell, Laurie J., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy walking pig. 171,386, Feb. 2.
 Campbell, Laurie J., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Step type rolling ball skill game apparatus. 171,682, Mar. 16.
 Campbell, Laurie J., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Marble game apparatus. 171,683, Mar. 16.
 Campbell, Lee R. 172,864, Cl. D74—1.
 Canter, James A., assignor to General Motors Corporation, Dayton, Ohio. Water cooler. 171,528, Feb. 23.
 Cantin, Alexander A. 172,086, Cl. D13—4.
 Cantrell, Marvin L., Pueblo, Colo. Wall shelf. 171,684, Mar. 16.
 Cargill, Sylvester H.: See—
 Holbert, Sherman A. 173,433.
 Cargill, Sylvester H., and E. G. Thiele, said Thiele assignor to Associated Packaging Corp. 173,640, Cl. D58—2.
 Cargill, Sylvester H., and E. G. Thiele, said Thiele to Associated Packaging Corp. 173,718, Cl. D58—2.
 Carlin, Cynthia. 173,051, Cl. D58—12.6.
 Carlson, Alban J., Sherman Oaks, Calif. Cribbage board or similar article. 171,246, Jan. 5.
 Carlson, Arthur W., assignor to E. H. Sheldon & Co., Muskegon, Mich. Typewriter table. 171,295, Jan. 19.
 Carlson, Lawrence E. 171,882, Cl. D14—6.
 Carpenter, Angie E. 172,004, Cl. D3—10.
 Carpenter, Harry N.: See—
 Musel, Robert J., and Carpenter. 172,718.
 Carpenter, Jesse A. 173,719, Cl. D85—2.
 Carr Industries, assignee: See—
 Stratton, Paul E., Jr. 172,064.
 Carter, Frank D., Jr. 172,267, Cl. D42—7.
 Carter, Frank D., Jr. 173,256, Cl. D42—7.
 Carver, James L., and F. A. Chace. 173,720, Cl. D5—2.
 Carver, Richard N., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Laddertype rolling ball skill game apparatus. 171,685, Mar. 16.
 Carver, Richard N., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Bowling type rolling ball skill game apparatus. 171,686, Mar. 16.
 Carver, Richard N., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Ball-lift type rolling ball skill game apparatus. 171,687, Mar. 16.
 Cashion, Cicely D., Evanston, Ill. Case for spectacles. 171,840, Mar. 30.
 Cass, Max L. 172,821, Cl. D34—15.
 Cassia, Roland A. 173,052, Cl. D9—2.
 Cassini, Oleg. 173,053, Cl. D3—26.
 Cassini, Oleg. 173,054, Cl. D3—26.
 Cassini, Oleg. 173,055, Cl. D3—26.
 Cassini, Oleg. 173,056, Cl. D3—26.
 Cassini, Oleg. 173,057, Cl. D3—26.
 Cassini, Oleg. 173,058, Cl. D3—26.
 Cassini, Oleg. 173,059, Cl. D3—26.
 Cassini, Oleg. 173,060, Cl. D3—26.
 Cassini, Oleg. 173,061, Cl. D3—26.
 Cassini, Oleg. 173,062, Cl. D3—26.
 Cassini, Oleg. 173,063, Cl. D3—26.
 Castello, Anthony M.: See—
 Townsend, Wilbur J., and Castello. 173,397.
 Castorani, Francesco P., to Quaker Lace Co. 173,011, Cl. D92—26.
 Cataline, Acial, and G. R. Conrad, to Reo Motors, Inc. 172,781, Cl. D40—1.
 Catterlin, Dorothy A. 172,087, Cl. D29—23.
 Cavalier Pencil Company, assignee: See—
 Rucker, William C. 172,313.
 Cavanaugh, Edward F., to Executary Corp. 173,338, Cl. D26—14.
 Cayer, Theodore E., Taunton, Mass. Bracelet link. 171,296, Jan. 19.
 Cayer, Theodore E., assignor to Reed and Barton Corporation, Taunton, Mass. Spoon or similar article. 171,387, Feb. 2.
 Cayer, Theodore E., assignor to Reed and Barton Corporation, Taunton, Mass. Spoon or similar article. 171,579, Mar. 2.
 Ceraglass Inc., assignee: See—
 Warsager, Hyman J. 172,407.
 Warsager, Hyman J. 172,408.
 Warsager, Hyman J. 172,409.
 Warsager, Hyman J. 172,410.
 Cesani, Carlo. 173,144, Cl. D4—3.
 Chace, Forrest A.: See—
 Carver, James L., and Chace. 173,720.
 Chadbourn Hosiery Mills, Inc.: See—
 Gallico, George G., Jr. 173,196.
 Chadbourn Sales Corporation, assignee: See—
 Kayton, Robert, Freundel, Jeter, and Dudek.
 Chain Belt Company, assignee: See—
 Lendved, John W. 172,100.
 Chain Craft Co., assignee: See—
 Deines, Erwin W.
 Chamberlin, Clarence P., to Metal Mouldings Corp. 173,257, Cl. D85—2.
 Champ Products Corporation, assignee: See—
 Pyle, Kenneth C. 172,401.
 Champion Spark Plug Co.: See—
 Anderson, William R. 173,006.
 Anderson, William R. 173,007.
 Chan, Bernard, Co., Inc., assignee: See—
 Chase, Herbert S. 172,381.
 Chance Vought Aircraft Incorporated, assignee: See—
 Palley, I. Nevin. 172,170.
 Channel Master Corporation, assignee: See—
 Rutter, Sheldon.
 Chapman, Ceil, New York, N. Y. Dress or similar article. 171,747, Mar. 23.
 Chapman, Ceil, New York, N. Y. Dress or similar article. 171,748, Mar. 23.
 Chapman, Ceil, New York, N. Y. Dress or similar article. 171,749, Mar. 23.
 Chapman, Ceil, New York, N. Y. Dress or similar article. 171,750, Mar. 23.
 Chapman, Ceil. 171,883, Cl. D3—26.
 Chapman, David, Chicago, Ill., and R. G. Reineman, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company. Furniture leg foot or the like. 171,580, Mar. 2.
 Chapman, Harvey G., Jr., Glendale, Calif. Robot figure or similar article. 171,439, Feb. 9.
 Chapman, Howard K., Englewood, Colo. Auxiliary chuck for small twist drills. 171,688, Mar. 16.
 Char, Yuk T., Honolulu, Hawaii. Lamp. 171,637, Mar. 9.

- Char-Gale Manufacturing Company, assignee: *See*—
Dovolis, Nick J.
- Char-Lynn Co.: *See*—
Darr, Harold W. 173,065.
- Charnota, John, Chicago, Ill. Cigarette lighter holder. 171,247, Jan. 5.
- Chase, Herbert S., assignor to Bernard Cahn Co., Inc. 172,381, Cl. D87—3.
- Chase Industrial Refrigerator Equipment and Engineering Co.: *See*—
Fritz, Rudolph A. 173,025.
- Chasser, Nat. 172,493, Cl. D3—26.
- Chernow, Michael, New York, N. Y. Link chain for a bracelet or similar article. 171,581, Mar. 2.
- Chernow, Michael. 171,964, Cl. D45—4.
- Chernow, Michael. 171,965, Cl. D45—16.
- Chernow, Michael. 171,966, Cl. D45—4.
- Chernow, Michael. 172,125, Cl. D45—4.
- Chernow, Michael. 172,220, Cl. D45—4.
- Chernow, Michael. 172,382, Cl. D45—16.
- Chernow, Michael. 172,704, Cl. D45—4.
- Chernow, Michael. 172,705, Cl. D45—4.
- Chernow, Michael. 173,101, Cl. D45—4.
- Chernow, Michael. 173,102, Cl. D45—16.
- Chernow, Michael. 173,103, Cl. D45—4.
- Chernow, Michael. 173,104, Cl. D45—16.
- Chernow, Michael. 173,145, Cl. D45—9.
- Chernow, Michael. 173,186, Cl. D45—4.
- Chernow, Michael. 173,187, Cl. D45—4.
- Chernow, Michael. 173,188, Cl. D45—16.
- Chernow, Michael. 173,258, Cl. D45—4.
- Cherry, William J., assignor of one-half to B. E. McGrath, Chicago, Ill. Burial couch. 171,529, Feb. 23.
- Chesnev, Thomas A. 173,553, Cl. D9—6.
- Chiarelli, Paul P., Brooklyn, N. Y., assignor to Chicopee Mills, Inc., Textile fabric. 171,530, Feb. 23.
- Chiarle, Peter N. 173,554, Cl. D34—15.
- Chicago Coin Machine Co., assignee: *See*—
Koci, Jerry C.
- Chicopee Mills, Inc., assignee: *See*—
Chiarelli, Paul P.
- Chiksan Company, assignee: *See*—
Jackson, Donald M.
- Childers Manufacturing Co., assignee: *See*—
Childers, Robert A., Miller, and Smith.
- Childers, Robert A., C. C. Miller, and C. Smith, assignors to Childers Manufacturing Co., Houston, Tex. Metal awning for a casement window. 171,491, Feb. 16.
- Chisholm, John J., Worcester, Mass. Garter clasp. 171,440, Feb. 9.
- Christensen, Norman V. 173,064, Cl. D33—14.
- Christenson, Gust J.: *See*—
O'Connor, Arthur F., and Christenson. 172,106.
- Chrysler Corp.: *See*—
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- Baird, Richard F. 172,262.
- Baird, Richard F., and Reynolds. 173,008.
- Bannister, Harry T.
- Bannister, Harry T. 173,009.
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- Gitschlag, Charles F., Jr. 172,276.
- Kerry, Byron J. 172,288.
- King, Henry T. 173,033.
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- Reid, Donald J. 173,677.
- Reynolds, Frederick. 172,309.
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- Voss, Clifford C. 172,204.
- Voss, Clifford C. 173,687.
- Voss, Clifford C. 173,688.
- Chupa, Charles M., P. J. S. Forrest, and D. S. Hackley, to United States Rubber Co. 172,822, Cl. D90—20.
- Ciaccia, Michael. 171,884, Cl. D56—4.
- Cimillo, Raymond P., Bronx, N. Y. Set of chessmen or similar article. 171,248, Jan. 5.
- Clade, Robert, to American Car and Foundry Co. 172,662, Cl. D78—1.
- Clairol Incorporated, assignee: *See*—
Spillo, Leon A.
- Clancy, James. 172,949, Cl. D80—5.
- Clark, Arley O., Laurel Springs, N. C. Hood ornament. 171,638, Mar. 9.
- Clark, Philip B.: *See*—
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- Clark, Thomas J., Sr. 173,189, Cl. D9—2.
- Clarke, Houghton W., to Mealpack Corp. 173,473, Cl. D14—3.
- Clauss, Guido. 173,555, Cl. D47—7.
- Claveau, Marcel. 173,721, Cl. D48—20.
- Clemens, Charles, to Aladdin Industries, Inc. 173,190, Cl. D48—20.
- Clemens, Charles, to Aladdin Industries, Inc. 173,191, Cl. D48—20.
- Clemens, Charles, to Aladdin Industries, Inc. 173,192, Cl. D48—20.
- Clemens, Charles W., to Aladdin Industries, Inc. 172,865, Cl. D85—2.
- Clemens, Charles W., Jr., assignor to Aladdin Industries, Incorporated, Nashville, Tenn. Table. 171,639, Mar. 9.
- Clickner, Leon T. 173,474, Cl. D52—7.
- Coates, Leroy. 172,383, Cl. D90—1.
- Coburn, Abbott: *See*—
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- Coca-Cola Co., The, assignee: *See*—
Harrison, Edgar C., Lagarde, and Lane. 172,422.
- Cockebere, Raymond M. H. F. 173,609, Cl. D26—7.
- Coffey-Hoyt Products, Inc., assignee: *See*—
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- Cohane, David B. 173,556, Cl. D14—6.
- Cohane, David B. 173,610, Cl. D14—6.
- Cohen, Lenore: *See*—
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- Cohen, Max L. 173,259, Cl. D3—26.
- Cohen, Milton. 172,221, Cl. D26—1.
- Cohen, Samuel. 173,105, Cl. D85—2.
- Cohn-Miller Co.: *See*—
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- Cole, Edwin I., to The Stiffel Co. 172,823, Cl. D48—20.
- Cole, Edwin I., to The Stiffel Co. 172,950, Cl. D48—20.
- Cole, Edwin I., to The Stiffel Co. 172,951, Cl. D48—20.
- Cole, Edwin I., to The Stiffel Co. 172,952, Cl. D48—20.
- Cole, Edwin I., to The Stiffel Co. 173,012, Cl. D48—20.
- Cole, Edwin I., to The Stiffel Co. 173,013, Cl. D48—20.
- Cole, Edwin I., to The Stiffel Co. 173,014, Cl. D48—20.
- Cole, Edwin I., to The Stiffel Co. 173,015, Cl. D48—20.
- Cole, Edwin I., to The Stiffel Co. 173,339, Cl. D48—20.
- Cole, Edward N., and C. M. MacKiehan, to General Motors Corp. 172,782, Cl. D48—32.
- Coleman Co., Inc., The: *See*—
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- Coleman, Edward F., and H. H. Lackey, Jr. 172,088, Cl. D57—1.
- Coleman, Letha. 173,641, Cl. D34—5.
- Collins, Robert S., and F. G. Parkison. 173,557, Cl. D33—14.
- Collis, Belle. 172,005, Cl. D87—3.
- Colmar, Philip. 172,922, Cl. D45—1.
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- Columbus Plastic Products, Inc.: *See*—
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- Commonwealth Cedar Company, Inc.: *See*—
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- Levine, Morton. 173,444.
- Condon, Richard S., to International Latex Corp. 173,016, Cl. D3—13.
- Condon, Richard S., to International Latex Corp. 173,017, Cl. D3—13.
- Congoleum-Nairn Inc.: *See*—
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- Conhaim, Mary E. 172,126, Cl. D15—8.
- Conrad, Granville R.: *See*—
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- Conrad, Granville R., to Reo Motors, Inc. 172,783, Cl. D40—1.
- Conrad, Lester R., Fairview Park, Ohio. Outboard motor propeller hub unit. 171,582, Mar. 2.
- Conroy, Edward J., and S. Ayres, Jr. 172,006, Cl. D54—12.
- Consolidated Diesel Electric Corp.: *See*—
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- Consolidated General Products, Inc.: *See*—
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- Consolidated Iron-Steel Mfg. Co., The: *See*—
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- Continental Art Co.: *See*—
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- Frenzel, Edgar G. 172,871.
- Frenzel, Edgar G. 172,872.
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- Conway, John E., Toronto, Ontario, Canada. Puppet. 171,322, Jan. 26.
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- Cooke, Allen B. 173,558, Cl. D64—11.
- Cooper, Benjamin, and S. Kroll, Brooklyn, N. Y., said Kroll assignor to said Cooper. Toll booth or similar article. 171,583, Mar. 2.
- Cooper, Glenn C., G. B. Ludwig, Jr., and R. F. Fromhart. 171,929, Cl. D34—5.
- Cooper, Malcolm E., to J. K. Adams Co., Inc. 173,475, Cl. D11—1.
- Cooper, Peter B. 172,741, Cl. D54—9.
- Corbett, Joseph R. 172,127, Cl. D26—5.
- Corbett, Joseph R. 172,128, Cl. D44—1.
- Corbett, Joseph R. 172,129, Cl. D89—1.
- Corley, Harold W., Albuquerque, N. Mex. Edible container. 171,323, Jan. 26.

- Cornick, Morris, Chicago, Ill. Tag dispensing device. 171,441, Feb. 9.
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 Katz, Adolph. 171,976.
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 Crandell, Frank E., assignor to Photo Research Corporation. 172,337, Cl. 61—1.
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 Daniels, Alan, assignor to Baby World Company, Inc. 172,133, Cl. D9—2.
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 Darr, Harold W., assignor to Le Roy G. Zrust, Minneapolis, Minn. Combination food cutter and grater. 171,753, Mar. 23.
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- De Vos, Richard: *See*—
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- Dew, Donald H., to Aluminum Co. of America. 172,583, Cl. D44—29.
- Dew, Donald H., to Aluminum Co. of America. 172,584, Cl. D44—29.
- Dexter, Herbert L., Philadelphia, Pa., assignor to Westinghouse Radio Station, Inc. Puppet or similar article. 171,845, Mar. 30.
- De Young, Jack, Grand Haven, Mich., assignor to Zenith Radio Corporation. Radio television cabinet. 171,689, Mar. 16.
- Di Cianno, Romolo, East Ely, Nev. Finger ring. 171,846, Mar. 30.
- Dickinson, Bayard C. 172,341, Cl. 80—1.
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- Dillon, Chadbourn L., assignor to Nesbitt Fruit Products, Inc. 172,010, Cl. D58—8.
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- Dodge, Robert D., Sierra Madre, Calif. Vegetable juicing machine or similar article. 171,641, Mar. 9.
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- Doherty, Thomas H., to United States Rubber Co. 172,742, Cl. D7—4.
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- Dom, Peter, to American Type Founders, Inc. 172,495, Cl. D64—12.
- Doman, Donald W.: *See*—
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- Donath, Henry D. 171,968, Cl. D34—4.
- Dorelis, Jose. 173,194, Cl. D58—8.
- Dorman, Leonard M., to Talon, Inc. 172,953, Cl. D45—19.
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- Douglas Aircraft Co., Inc.: *See*—
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- Dovas, Sophia C. 172,011, Cl. D47—7.
- Dovolis, Nick J., assignor to Char-Gale Manufacturing Company, Minneapolis, Minn. Air register. 171,276, Jan. 12.
- Dow, Dewey M., to Air-Way Electric Appliance Corp. 173,414, Cl. D58—26.
- Dozier, Herma W. 173,478, Cl. D3—26.
- Dreifke, Raymond F. 173,022, Cl. D15—8.
- Dresden, Mark K., Media, Pa. Combined dispensing spout and cap therefor. 171,642, Mar. 9.
- Dresden, William N. 173,645, Cl. D44—15.
- Dreyfuss, Henry, South Pasadena, Calif., and R. H. Hose, Mountinside, N. J., assignors to Davidson Corporation, Chicago, Ill. Printing press. 171,690, Mar. 16.
- Dreyfuss, Henry, South Pasadena, Calif., and R. H. Hose, Mountinside, N. J., assignors to Davidson Corporation, Chicago, Ill. Printing press. 171,691, Mar. 16.
- Duaload Transportation Corp.: *See*—
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- Ducommun, Georges, to Baumgartner Freres S. A. 173,724, Cl. D42—8.
- Dudek, Beatrice: *See*—
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- Duncan, Alan W., assignor to Sears, Roebuck and Co. 171,969, Cl. D42—7.
- Duncan, Alan W., assignor to Sears, Roebuck and Co. 171,970, Cl. D42—7.
- Duncan, Alan W. 173,195, Cl. D10—8.
- Dunlop Tire and Rubber Corp.: *See*—
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- Du Pree, Ernest L., Weston, Conn., assignor to Schenley Industries, Inc., New York, N. Y. Decanter or similar article. 171,643, Mar. 9.
- Du Pree, Ernest L., assignor to Schenley Industries, Inc. 172,089, Cl. D58—8.
- Du Pree, Ernest L., assignor to Schenley Industries, Inc. 172,090, Cl. D58—6.
- Du Pree, Ernest L., to Schenley Industries, Inc. 172,868, Cl. D58—6.
- Du Pree, Ernest L., to Schenley Industries, Inc. 172,869, Cl. D58—6.
- Du Pree, Ernest L., to Schenley Industries, Inc. 172,954, Cl. D58—6.
- Du Pree, Ernest L., Weston, Conn., and D. Goldstein, assignors to Schenley Industries, Inc., New York, N. Y. Combined bottle stopper and pourer. 171,388, Feb. 2.
- Du Pree, Ernest L., Weston, Conn., and D. Goldstein, assignors to Schenley Industries, Inc., New York, N. Y. Combined bottle stopper and pourer. 171,389, Feb. 2.
- Durko, Leopold, to Comfort Lines, Inc. 173,646, Cl. D15—8.
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- Eagle Pencil Company, assignee: *See*—
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- Eastman Kodak Co.: *See*—
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- Easy Washing Machine Corp.: *See*—
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- Ebert, Arthur A., Tucson, Ariz. Model stagecoach body for coaster wagons or similar article. 171,390, Feb. 2.
- Econolite Corp.: *See*—
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- Edlund, Walter W. 172,585, Cl. D44—29.
- Edward, Bernard Co.: *See*—
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- Ehrman, Mortimer H., New York, N. Y. Embroidered fabric. 171,533, Feb. 23.
- Eibshutz, Murray, to Empeco Metal Products Co. 172,496, Cl. D45—1.
- Eickemeyer, Ludwig, assignor to Gibraltar Manufacturing Co., Inc. 172,342, Cl. 42—7.
- Eickemeyer, Ludwig, assignor to Gibraltar Manufacturing Co., Inc. 172,385, Cl. D42—7.
- Eickemeyer, Ludwig, to Gibraltar Mfg. Co., Inc. 173,560, Cl. D42—7.
- Eisenkramer, Arthur: *See*—
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- Eitemiller, Albert E. and H. J. 172,786, Cl. D34—15.
- Eitemiller, Harriett J.: *See*—
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- Electric Lighting, Inc.: *See*—
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- Electric-Aire Engineering Corp.: *See*—
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- Electro-Ket Appliance, Inc.: *See*—
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- Electro-Snap Switch & Mfg. Co., assignee: *See*—
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- Elion, Henri, New Rochelle, N. Y. Charm case. 171,391, Feb. 2.
- Elle, Bruce L., and J. C. Haelen, to Eastman Kodak Co. 173,647, Cl. D61—1.
- Ellis, Charles A., to Sargent & Co. 173,305, Cl. D44—29.
- Ellmore Silver Co., Inc., assignee: *See*—
Lipman, Isadore A.
- Elman, Nathan N., Chicago, Ill. Lounge chair. 171,585, Mar. 2.
- Emanatian, Richard. 173,260, Cl. D31—4.
- Embisco Limited, assignee: *See*—
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- Emerson Electric Mfg. Co., The: *See*—
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- Emerson Radio and Phonograph Corporation, assignee: *See*—
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- Emery, Richard L. 172,664, Cl. D58—13.
- Emery, Richard L. 172,665, Cl. D58—13.
- Emery, Richard L., to Keyes Fibre Co. 172,827, Cl. D58—13.
- Emmert, George W.: *See*—
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- Eumite, Antonio S. 173,148, Cl. D21—6.
- Empeco Metal Products Co.: *See*—
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- Empire Leg Mfg. Co.: *See*—
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- Emrick, Homer, to Emrick, Inc. 173,648, Cl. D54—6.
- Emrick, Inc.: *See*—
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- Endelson, Jack, New York, N. Y. Hat or the like. 171,754, Mar. 23.
- Enger-Kress Company, assignee: *See—*
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- Engl, August C., Yorkville, Ill. Golf practice device. 171,586, Mar. 2.
- Enghauser Mfg. Co., Inc.: *See—*
- Enghauser, Winford L. 172,955.
- Enghauser, Winford L. 173,023.
- Enghauser, Winford L., to Enghauser Mfg. Co., Inc. 172,955, Cl. D54—2.
- Enghauser, Winford L., to Enghauser Mfg. Co., Inc. 173,023, Cl. D54—2.
- Engleman, Joe H. 172,956, Cl. D34—3.
- Engstrom, Alan G., to Light Metal Products. 173,479, Cl. D9—6.
- Enterprise Aluminum Company, The, assignee: *See—*
- Felver, Richard I.
- Entin, Jacob J., L. Goodman, and J. J. Bayer. 172,743, Cl. D88—3.
- Eppenstein, James F. 172,870, Cl. D33—14.
- Erbguth, Paul F. K., Great Neck, N. Y. Flower holder. 171,847, Mar. 30.
- Erickson, Walter T., and M. J. Palmu, Superior, Wis. Helmet. 171,492, Feb. 16.
- Erlanger, Emo D. 172,012, Cl. D45—10.
- Ernest, Robert O.: *See—*
- Jepson, Ivar, and Ernest. 173,308.
- Jepson, Ivar, and Ernest. 173,731.
- Ernest, Robert O., to Sunbeam Corp. 173,416, Cl. D49—6.
- Erney, Paul, to Elof Hansson, Inc. 173,524, Cl. D18—2.
- Erney, Paul, to Elof Hansson, Inc. 173,525, Cl. D18—2.
- Erney, Paul, to Elof Hansson, Inc. 173,526, Cl. D18—2.
- Ernst, Charles W., to Brown & Bigelow. 173,417, Cl. D44—10.
- Ernst, Otto. 172,586, Cl. D34—15.
- Etienne, Robert P., San Mateo, Calif. Bottle holder. 171,644, Mar. 9.
- Evans Case Co.: *See—*
- Reilly, Alfred F., Sr. 173,591.
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- Evenson, Richard C. 172,226, Cl. D54—13.
- Everfast Fabrics, Inc.: *See—*
- Berry, Warren. 173,298.
- Portong, Henry A. 173,324.
- Reilly, Alfred F., Sr. 173,126.
- Everlast Metal Products Corp.: *See—*
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- Ewen, Melvin M. 172,957, Cl. D29—2.
- Ewing, Pleas A., assignor to Kusan Incorporated. 172,272, Cl. D34—2.
- Executary Corp.: *See—*
- Cavanaugh, Edward F. 173,338.
- Exner, Virgil M., assignor to Chrysler Corporation. 172,273, Cl. D14—18.
- Fabian, Vincent J. 173,341, Cl. D54—13.
- Factor, Max, & Co., assignee: *See—*
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- Fairbanks, Morse & Co., assignee: *See—*
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- Fairchild Engine and Airplane Corp.: *See—*
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- Thieblot, Armand J. 173,772.
- Fairmont Railway Motors, Incorporated, assignee: *See—*
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- Farmer, Carroll C. 172,828, Cl. D34—5.
- Farrar, Cecil W. 172,707, Cl. D4—2.
- Faughnder, Ila E. 172,013, Cl. D85—2.
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- Fechter, Saul: *See—*
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- Federman, Henry. 172,923, Cl. D42—8.
- Feindel, George P., to Rock Hill Printing & Finishing Co. 172,535, Cl. D92—1.
- Feix, Rudolf, Linz-Ebelsberg, Austria, assignor to J. S. Horn, Los Angeles, Calif. Shoe or similar article. 171,587, Mar. 2.
- Felden, Alfred, to Gloria Toy Co., Inc. 172,466, Cl. D34—2.
- Felker, Lloyd L.: *See—*
- Frary, Evan A. 172,787.
- Felver, Richard I., Pittsburgh, Pa., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Coffee pot handle. 171,848, Mar. 30.
- Ferar, Montgomery, to Seeger Refrigerator Co. 173,418, Cl. D67—3.
- Ferguson, Alan C., assignor to Hyde Manufacturing Company, Southbridge, Mass. Razor blade scraper. 171,534, Feb. 23.
- Ferlisi, Florino: *See—*
- Boltz, Franklyn W., Ferlisi, Olson, Allinson, and Lindsey. 172,379.
- Ferman, Harry. 173,261, Cl. D14—6.
- Ferrucci, Tony F. 172,958, Cl. D74—1.
- Fields, Herbert P., and P. S. Mabie, to Fields-Mabie Corp. 173,561, Cl. D34—15.
- Fields-Mabie Corp.: *See—*
- Fields, Herbert P., and Mabie. 173,561.
- Fina, Michael C. 173,262, Cl. D54—12.
- Fine, Albert, assignor to High Rock Ginger Ale Company of Baltimore City. 172,014, Cl. D58—9.
- Fink, Frank E. 173,263, Cl. D30—1.
- Fink, Morris. 173,480, Cl. D74—17.
- Fink, Robert R., Duluth, Minn., assignor to International Telephone and Telegraph Corporation. Room air conditioning unit. 171,392, Feb. 2.
- Fink, Robert R., Duluth, Minn., assignor to International Telephone and Telegraph Corporation. Freezer cabinet. 171,393, Feb. 2.
- Fischer, Howard L. 172,497, Cl. D9—2.
- Fish, Elvira A. 172,829, Cl. D34—4.
- Fisher, Bruce & Company, assignee: *See—*
- Muench, Toni O.
- Fisher, Edmond L. 172,227, Cl. D30—1.
- Fisher, Maurice H., Douglas County, Colo. Tool sheath. 171,535, Feb. 23.
- Fisher, Ralph J., Pasadena, Calif. Adjustable leg. 171,693, Mar. 16.
- Flajole, William J., Birmingham, Mich. Wheel cover. 171,394, Feb. 2.
- Flajole, William J., Birmingham, Mich. Wheel cover. 171,395, Feb. 2.
- Flajole, William J. 171,971, Cl. D14—30.
- Flajole, William J. 172,135, Cl. D14—30.
- Flamberg, Irving. 172,015, Cl. D92—1.
- Flanagin, Anna Z., Bozeman, Mont. Pillowcase. 171,536, Feb. 23.
- Fleishman, Myron, to J. Goodman. 172,587, Cl. D45—17.
- Fleishman, Myron, to J. Goodman. 173,649, Cl. D34—15.
- Fleming, Frank N., and H. T. Luskin, to Douglas Aircraft Co., Inc. 172,588, Cl. D71—1.
- Fleming, Jack F.: *See—*
- Wolf, Arnold M., Strauss, and Fleming. 173,401.
- Flett, William J., Drexel Hill, assignor to Turnsignal Corporation, Philadelphia, Pa. Cover lens for turn signal devices. 171,443, Feb. 9.
- Flippen, Ruth B. 172,959, Cl. D33—8.
- Flores, Iris, to M. P. Grace. 173,481, Cl. D3—26.
- Floria, James D., to Webster Electric Co. 173,149, Cl. D26—14.
- Florian, Gordon W., assignor to General Time Corporation. 172,016, Cl. D42—7.
- Florian, Gordon W., assignor to Air-Way Electric Appliance Corporation. 172,136, Cl. D9—2.
- Florian, Gordon W., to Dictaphone Corp. 173,024, Cl. D26—14.
- Flowers, Mary, assignee: *See—*
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- Formica, Florence: *See—*
- Skroch, Alphonse J. 173,464.
- Fornell, David E., Detroit, Mich. Collating machine. 171,755, Mar. 23.
- Fornoff, Henry G., Los Angeles, Calif. Fry pan cover. 171,326, Jan. 26.
- Forrest, Norman, New York, N. Y. Plastic table mat or similar article. 171,277, Jan. 12.
- Forrest, Preston J. S.: *See—*
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- Forsman, Oscar F., to Westland Plastics, Inc. 173,612, Cl. D44—15.
- Fort Howard Paper Company, assignee: *See—*
- Renard, Winford G., and Wiggins.
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- Foster, Edward J., to A. C. Foster. 173,106, Cl. D36—8.
- Foster Grant Co., Inc.: *See—*
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- Bloch, Jack. 173,471.
- Foster Metal Products Inc.: *See—*
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- Fox, Benjamin. 173,694, Cl. D26—1.
- Fraley, Clifford W., Youngstown, Ohio. Magazine basket. 171,645, Mar. 9.
- Franek, Kurt, to Holophane Co., Inc. 173,150, Cl. D48—23.
- Frank, Herman C., Billings, Mont. Motor vehicle. 171,588, Mar. 2.
- Frankenthaler, Adolph. 173,562, Cl. D29—15.
- Franklin, Ernest, assignor of $\frac{1}{2}$ to S. Franklin. 172,137, Cl. D42—7.
- Franklin, Howard L., assignor to Bloomer Bros. Company. 172,228, Cl. D58—12.6.
- Franklin, Samuel, assignee: *See—*
- Franklin, Ernest. 172,137.
- Franklin, Stanley E., assignor to Marine Pumps, Inc. 172,017, Cl. D52—1.

- Frary, Evan A., $\frac{1}{2}$ to L. L. Felker, and $\frac{1}{2}$ to D. E. Crooker. 172,787, Cl. D7—5.
- Frawley Corp.: See—
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- Frazier, John A., and E. A. May. 173,725, Cl. D26—14.
- Frazin, Ruth S. 172,960, Cl. D12—2.
- Frederick, Henry E., assignor to General Binding Corporation. 171,885, Cl. D55—1.
- Frederick, Robert E. 172,229, Cl. D7—7.
- Fredericks, Marshall M., assignor to Chrysler Corporation. 172,274, Cl. D14—18.
- Fredholm, Henry M. 173,695, Cl. D41—1.
- Freeberg, Lois R. 173,151, Cl. D44—15.
- Freed, Paul. 173,419, Cl. D48—32.
- Freed, Paul. 173,420, Cl. D48—32.
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- Freedman, Murray, to Artistic Foundations, Inc. 173,421, Cl. D20—4.
- Freely, Inc.: See—
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- Frees, David, and E. L. Schwartz. 173,422, Cl. D10—8.
- Fregeolle, Oscar, Central Falls, R. I., assignor to Rhody Knit, Inc. Sock. 171,396, Feb. 2.
- Fregeolle, Oscar, to Rhody Knit, Inc. 173,696, Cl. D47—7.
- Freitag, Byron E., and F. Burggraf, Jr., to General Electric Co. 172,708, Cl. D67—4.
- Freitag, Byron E., and F. Burggraf, Jr., to General Electric Co. 172,709, Cl. D67—4.
- Freitag, Byron E., and F. Burggraf, Jr., to General Electric Co. 172,710, Cl. D67—4.
- Freitag, Byron E., and F. Burggraf, Jr., to General Electric Co. 172,711, Cl. D91—4.
- French, Richard S., Waterville, assignor to Keyes Fibre Company, Portland, Maine. Molded pulp insulation member. 171,537, Feb. 23.
- Frenz, Gilbert C. 173,342, Cl. D35—3.
- Frenzel, Edgar G., assignor to Continental Art Company, Chicago, Ill. Figurine. 171,646, Mar. 9.
- Frenzel, Edgar G., to Continental Art Co. 172,871, Cl. D29—23.
- Frenzel, Edgar G., to Continental Art Co. 172,872, Cl. D29—23.
- Freund, Dean H.: See—
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- Freundel, Walter: See—
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- Freysinger, John B., assignor to Keyston Brothers. 171,972, Cl. D17—2.
- Freysinger, John B., assignor to Keyston Brothers. 172,018, Cl. D17—2.
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- Friedman, Richard B., and J. T. Lee, to Freely, Inc. 172,589, Cl. D80—8.
- Friedmann, Arnold, to J. and N. C. Silberstein. 173,697, Cl. D33—7.
- Friend, Martin. 173,563, Cl. D33—1.
- Fritz, Rudolph A., to C. Blum, d. b. a. Chase Industrial Refrigerator Equipment and Engineering Co. 173,025, Cl. D10—9.
- Fromhart, Richard F.: See—
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- Frye, Enoch M., to General Electric Co. 173,613, Cl. D26—1.
- Fuller, Bradley, and E. H. Winslow, to United Shoe Machinery Corp. 172,920, Cl. D55—1.
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- Furey, Dillon C., Melbourne, Victoria, Australia. Pencil sharpener. 171,278, Jan. 12.
- G. M. Co. Mfg. Inc.: See—
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- Gabbert, Harold D., R. L. Williams, and F. H. Tyner. 172,275, Cl. D40—1.
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- Galante, Frank. 172,590, Cl. D33—3.
- Gallico, George G., Jr., to Chadbourn Hosiery Mills, Inc. 173,196, Cl. D58—2.
- Gardner, Harriet D. C., Los Angeles, Calif. Display rack. 171,850, Mar. 30.
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- Gates, Charles C., Jr., assignor to The Gates Rubber Company. 171,936, Cl. D9—6.
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- Gayle, Aubrey A. and E. P. 172,873, Cl. D85—2.
- Gayle, Aubrey A. and E. P. 172,874, Cl. D85—2.
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- Gebhard, David F., and E. W. Strong, to Gyrodyne Co. of America, Inc. 172,467, Cl. D71—1.
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- Geer, Lillian I. 173,564, Cl. D34—4.
- Gehrie, Charles S., to Presto Lock Co. 172,961, Cl. D87—2.
- Gehrie, Charles S., to Presto Lock Corp. 173,482, Cl. D87—1.
- Gehring, Otto C., Montgomeryville, Pa. Stocking. 171,253, Jan. 5.
- Gehring, Otto C., Montgomeryville, assignor to Lexington Hosiery Company, Inc., Hatfield, Pa. Stocking. 171,254, Jan. 5.
- Geldhof, Peter E., assignor to Whirlpool Corporation. 172,386, Cl. D49—1.
- Geldhof, Peter E., assignor to Whirlpool Corporation. 172,387, Cl. D49—1.
- Gelman, Mac, to Comfort Lines, Inc. 173,651, Cl. D15—1.
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- General Electric Co.: See—
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- General Slicing Machine Co., Inc.: See—
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- General Tire & Rubber Company, The, assignee: See—
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- Genest, Claude, assignor to General Motors Corporation. 172,138, Cl. D14—18.
- Gerard Industries, assignee: See—
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- Gerber, Albert J., assignor to Gerber Plastic Company. 171,937, Cl. D4—3.
- Gerber Plastic Company, assignee: See—
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- Gerhardt, Earl A., to Lynchburg Hosiery Mills, Inc. 173,343, Cl. D47—7.
- Geringer, Morris, assignor to Geringer & Sons, Inc. 172,230, Cl. D48—16.
- Geringer & Sons, Inc., assignee: See—
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- Gerlach, Charles A. 172,962, Cl. D22—3.
- Gerould, Walter B.: See—
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- Gershen, Irvin J., Hillside, N. J., assignor to J. and S. Oshman, New York, N. Y. Medicament dispenser. 171,538, Feb. 23.
- Gershen, Irvin J., to I. Lapofsky. 173,027, Cl. D44—5.
- Gerson, Samuel L. 173,652, Cl. D44—22.
- Gerth, William H., to Oneida Ltd. 173,527, Cl. D54—12.
- Gerth, William H., to Oneida Ltd. 173,528, Cl. D54—12.
- Gervais, Robert L., Coos Bay, Oreg. Egg frier. 171,444, Feb. 9.
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- Gevirman, Jerome, Brooklyn, N. Y. Smoker's pipe. 171,694, Mar. 16.
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- Gilbert, Maxon E. 172,419, Cl. D81—10.
- Gibraltar Manufacturing Co., Inc., assignee: See—Eickemeyer, Ludwig. 172,342.
- Gillette Co., The: See—Wark, John D., and Schladermundt. 172,912.
- Gilman, Martin J., Gilman, Conn. Football training blocking pad or similar article. 171,589, Mar. 2.
- Gilman, Martin J., Gilman, Conn. Football training blocking pad or similar article. 171,590, Mar. 2.
- Gilman, Maurice: See—Kruger, Michael H., and Gilman. 173,500.
- Gilmore, Virginia J. 172,498, Cl. D7—7.
- Giorla, Arthur H.: See—Hackett, Donald E., Jr., and Giorla. 173,345.
- Giovagnoni, Violet, New York, N. Y. Negligee. 171,591, Mar. 2.
- Giovagnoni, Violet. 172,744, Cl. D3—5.
- Giovagnoni, Violet. 172,745, Cl. D3—5.
- Giovagnoni, Violet. 172,746, Cl. D3—5.
- Girardy, Alfred B., C. V. Norby, and D. W. Doman, to Pullman-Standard Car Mfg. Co. 173,653, Cl. D66—1.
- Gitschlag, Charles F., Jr., assignor to Chrysler Corporation. 172,276, Cl. D14—6.
- Gittler, Joseph W. 173,197, Cl. D45—10.
- Glaey, Frank J.: See—Stromberg, Henry K. 173,546.
- Gladding, McBean & Co.: See—Grant, Mary K. 171,938.
- James, George T. 173,657.
- Gladen, Carl F. 173,698, Cl. D72—1.
- Glanvill, Roy, and P. J. Wise; said Wise to said Glanvill. 172,747, Cl. D9—2.
- Glass, Henry P., to Millman & Stern, Inc. 172,592, Cl. D15—8.
- Glassman, Ben, to Rembrandt Lamp Corp. 172,875, Cl. D48—20.
- Glauber, Henry. 173,198, Cl. D58—26.
- Glenn, John G., $\frac{1}{2}$ to J. B. Jones. 172,963, Cl. D4—3.
- Globe Silver Co., Inc.: See—Mershon, Isaac. 173,034.
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- Gluhareff, Michael E., to United Aircraft Corp. 173,565, Cl. D71—1.
- Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 171,493, Feb. 16.
- Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 171,494, Feb. 16.
- Golden, Harry H., to Sears, Roebuck and Co. 173,566, Cl. D4—3.
- Goldman, Herman, to Electro-Ket Appliance, Inc. 173,615, Cl. D44—25.
- Goldman, Robert, and R. R. Nemzer, South Hempstead, assignors to Bo-Low Lamp Corp., Brooklyn, N. Y. Music box nursery lamp. 171,445, Feb. 9.
- Goldman, Robert, and R. R. Nemzer, South Hempstead, assignors to Bo-Low Lamp Corp., Brooklyn, N. Y. Lamp and costumer combination. 171,446, Feb. 9.
- Goldman, Robert, and R. R. Nemzer, South Hempstead, assignors to Bo-Low Lamp Corp., Brooklyn, N. Y. Music box nursery lamp. 171,447, Feb. 9.
- Goldman, Robert, and R. R. Nemzer, South Hempstead, assignors to Bo-Low Lamp Corp., Brooklyn, N. Y. Music box nursery lamp. 171,448, Feb. 9.
- Goldman, Robert, and R. R. Nemzer, assignors to Bo-Low Lamp Corp. 172,388, Cl. D48—20.
- Goldman, Robert, and R. R. Nemzer, assignors to Bo-Low Lamp Corp. 172,389, Cl. D48—20.
- Goldman, Robert, and R. R. Nemzer, to Bo-Low Lamp Corp. 172,876, Cl. D34—15.
- Goldschmidt, Naomi M. 171,887, Cl. D44—1.
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- Golomb, Harry. 172,748, Cl. D3—26.
- Goodhue, Joseph A. 173,199, Cl. D58—11.
- Goodhue, Joseph A. 173,200, Cl. D58—11.
- Goodman, Edward C. 171,921, Cl. D4—3.
- Goodman, Herbert N. 172,924, Cl. D47—7.
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- Goodman, Lawrence. 171,888, Cl. D34—5.
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- Goodrich, Isaac M. 173,567, Cl. D15—1.
- Goodsell, James A., Hudson, Mich. Rotary spit unit for roasting. 171,539, Feb. 23.
- Goodwear Leather Coat Company, Inc., assignee: See—Zigman, Samuel H. 172,413.
- Goodyear Tire & Rubber Co., The: See—Smith, Mainard L. 172,996.
- Gordon, Melvin J., Wellesley, Mass., assignor to M. J. and S. Z. Gordon, and N. G. Stone, doing business as Manchester Hosiery Mills, Manchester, N. H. Envelope for hosiery. 171,695, Mar. 16.
- Gordon, Sadye Z., assignee: See—Gordon, Melvin J.
- Gore, Alexander H., Chicago, Ill. Chemical applicator. 171,592, Mar. 2.
- Gorham Mfg. Co.: See—Brenner, Howard T. 172,657.
- Brenner, Howard T. 172,699.
- Brenner, Howard T. 172,700.
- Lawrence, Warren E., Jr.
- Price, James R.
- Price, James R. 172,056.
- Price, James R. 172,360.
- Gorton, George, Machine Co.: See—Henkes, Peter M. 172,597.
- Goshen Mfg. Co., The: See—Rink, Robert M. 173,173.
- Gosselin, Norman R. 172,091, Cl. D14—27.
- Gottlieb, Joseph. 172,343, Cl. 42—7.
- Gould, Roy D., Detroit, Mich. Kite. 171,327, Jan. 26.
- Gove, Walter J.: See—Jones, Willard C., and Gove.
- Grace, Michael P.: See—Del Mas, Christy M.
- Del Mas, Christy M. 171,932.
- Del Mas, Christy M. 172,134.
- Del Mas, Christy M. 172,225.
- Del Mas, Christy M. 172,270.
- Flores, Iris. 173,481.
- Graham, Clyde L., to All American Engineering Co. 173,424, Cl. D29—2.
- Graham, Elizabeth N. 173,654, Cl. D58—11.
- Graham, John F., to Quaker Lace Co. 173,028, Cl. D92—26.
- Graham, Phillip. 171,889, Cl. D13—1.
- Granat, Joseph, San Francisco, Calif. Watchcase. 171,397, Feb. 2.
- Granat, Joseph. 172,019, Cl. D45—10.
- Granat, Joseph. 172,020, Cl. D45—10.
- Grancsay, Stephen V., New York, N. Y., and R. W. Ehlers, Silver Spring, Md., assignors to the United States of America as represented by the Secretary of the Army. Helmet. 171,398, Feb. 2.
- Grand Rapids Toy Co.: See—Heidman, William A., Jr. 173,108.
- Grant, Mary K., assignor to Gladding, McBean & Co. 171,938, Cl. D44—15.
- Grant, Robert J. 173,344, Cl. D34—15.
- Grant, William G. 172,925, Cl. D17—3.
- Graves, Frances. 173,529, Cl. D44—1.
- Gray, Owen J., Jr. 172,713, Cl. D14—3.
- Gray, Owen J., Jr. 172,714, Cl. D14—3.
- Gray, Walter R., Redondo Beach, Calif., assignor to Mercury International Manufacturing Corporation. Coin operated vending machine. 171,495, Feb. 16.
- Green, Clyde H. 173,568, Cl. D54—16.
- Green, George A.: See—Green, Robert H. and G. A. 171,890.
- Green, Joseph. 173,107, Cl. D34—15.
- Green, Robert H. and G. A. 171,890, Cl. D4—3.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. 172,666, Cl. D89—1.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. 173,029, Cl. D89—1.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. 173,153, Cl. D55—1.
- Greene, Harry R., to Affiliated Gas Equipment, Inc. 172,499, Cl. D52—7.
- Greenlee, Charles H., New York, N. Y. Rack for spice containers. 171,328, Jan. 26.
- Greenlee, Charles H., New York, N. Y. Spice cabinet. 171,329, Jan. 26.
- Greenlee, Charles H., New York, N. Y. Combined cabinet and towel rack. 171,330, Jan. 26.
- Greenlee, Delbert L., H. M. Zimmerman, and H. B. Greenlee, Dunbar, W. Va. Feeding tray. 171,851, Mar. 30.
- Greenlee, Harry B.: See—Greenlee, Delbert L., Zimmerman, and Greenlee.
- Griffith, Clifford J., to Food Machinery and Chemical Corp. 173,306, Cl. D14—3.
- Grindle, Vern R. 172,140, Cl. D48—20.
- Griselle, Sherman W. 172,468, Cl. D34—11.
- Gro-Cord Rubber Co.: See—Babcock, Eldon L. 173,134.
- Grohsal, Alexis C., assignor to Cable Electric Products, Inc. 172,021, Cl. D72—1.
- Grohsal, Alexis C., assignor to Cable Electric Products, Inc. 172,092, Cl. D72—1.
- Gross, Jerome A.: See—Tedaldi, John L., and Gross. 172,449.
- Grossman, Birdell F. 172,593, Cl. D48—32.
- Gruber, Francis E., to Brown & Bigelow. 173,201, Cl. D44—29.
- Grun, Otto, New York, N. Y. Decanter or similar article. 171,540, Feb. 23.
- Gudish, William. 172,469, Cl. D4—5.
- Guichard, Robert A., to Empire Leg Mfg. Co. 172,594, Cl. D33—14.
- Guild, Lurelle, to Aluminum Co. of America. 173,530, Cl. D44—1.

- Guild, Lurette V. A., to Westinghouse Electric Corp. 173,655, Cl. D49—1.
- Guild Moccasin Corporation, assignee: *See*—
Podus, Louis.
- Guite, Joseph D.: *See*—
Sabel, Edward R., Mayo, and Guite. 172,906.
- Gurmin, William V. 172,500, Cl. D26—14.
- Gurtov, Morris. 173,425, Cl. D34—15.
- Gurtov, Morris. 173,426, Cl. D34—15.
- Guth, Edwin F. 172,141, Cl. D48—23.
- Gyrodyne Co. of America, Inc.: *See*—
Gebhard, David F. 172,712.
- Gebhard, David F., and Strong. 172,467.
- Papadakos, Peter J. 172,721.
- Hacker, Harry. 172,142, Cl. D85—2.
- Hackett, Donald E., Jr., and A. H. Giorla, to Dodgem Corp. 173,345, Cl. D34—5.
- Hackley, David S.: *See*—
Chupa, Charles M., Forrest, and Hackley. 172,822.
- Haelen, John C.: *See*—
Elle, Bruce L., and Haelen. 173,647.
- Haferkorn, Herbert O. 172,789, Cl. D41—1.
- Hagemeyer, Charles F., and R. N. Latina, to Rawlings Mfg. Co. 173,067, Cl. D83—1.
- Hagewood, Lorris V. 172,420, Cl. D87—3.
- Hagey, Robert H., Wilmette, Ill. Mobile ornament. 171,593, Mar. 2.
- Hagey, Robert H., Wilmette, Ill. Mobile ornament. 171,594, Mar. 2.
- Haggstrom, Olle E., Louisville, Ky., assignor to General Electric Company. Backsplasher unit for sinks. 171,756, Mar. 23.
- Hailey, Sam W., Indianapolis, Ind. Illuminable font. 171,541, Feb. 23.
- Haines, Chester H., Gardena, and D. G. Hoyt, Jr., Los Angeles, assignors to Coffey-Hoyt Products, Inc., Gardena, Calif. Overshoe. 171,331, Jan. 26.
- Halbeisen, John F. 173,531, Cl. D62—4.
- Hall, Howard. 173,346, Cl. D56—9.
- Hall, Lymon, assignor to H. W. Lay & Company, Inc., Atlanta, Ga. Display rack. 171,696, Mar. 16.
- Hall, Olga, assignee: *See*—
Satey, Anna.
- Hallward, Michael, Swampscott, assignor to Signal Manufacturing Co., Lynn, Mass. Fender flap. 171,496, Feb. 16.
- Haloid Co., The: *See*—
Sabel, Edward R., Mayo, and Guite. 172,906.
- Halvorson, Howard A. 172,595, Cl. D54—13.
- Hamilton, Bertis F. 171,891, Cl. D15—8.
- Hamilton, Bertis F. 171,892, Cl. D15—8.
- Hammerstein, Mary M. 173,307, Cl. D44—29.
- Hancock, John L., assignor to Mastercrafters Clock & Radio Co., Chicago, Ill. Clock. 171,757, Mar. 23.
- Handler, Elliot, and J. Kossoff. 172,877, Cl. D34—15.
- Hanle, Benjamin W., assignor to Eagle Pencil Company. 172,277, Cl. D74—21.
- Hansson, Elof, Inc.: *See*—
Erney, Paul. 173,524.
- Erney, Paul. 173,525.
- Erney, Paul. 173,526.
- Harada, Walter T. 172,926, Cl. D54—12.
- Hardesty, Frederick L. 173,727, Cl. D26—14.
- Hardwicke Stove Co.: *See*—
Wittmann, Robert A. 172,856.
- Hardy, William H. 173,427, Cl. D87—3.
- Harmon, Frank C., to Stainless Steel Products, Inc. 173,154, Cl. D33—14.
- Harper, Fred C. 172,596, Cl. D58—13.
- Harrel & Co., assignee: *See*—
Harrel, Dean S.
- Harrel, Dean S., assignor to Harrel & Co., Los Angeles, Calif., a limited partnership doing business as World's Best Broiler Brazier Mfg. Co., Ltd. Combination broiler and brazier. 171,542, Feb. 23.
- Harris, Herman L. 172,421, Cl. D15—1.
- Harrison, Edgar C., L. E. Lagarde, and M. H. Lane, to The Coca-Cola Co. 172,422, Cl. D2—3.
- Harrington, Norman, Los Angeles, Calif. Tube rack. 171,595, Mar. 2.
- Harsh, Milo C., to McGraw Electric Co. 173,068, Cl. D48—31.
- Hart, Oscar W. 172,536, Cl. D62—2.
- Harter, Lloyd. 173,428, Cl. D80—9.
- Hartnett, Edward C., 1/2 to F. Del Conte. 173,569, Cl. D7—7.
- Hartup, Frederick W., Covina, Calif., assignor to Modern Village Stores, Inc. Check stand or similar article. 171,596, Mar. 2.
- Harvill, Henry L. 173,264, Cl. D87—5.
- Harwood, Wallace W., assignor to A. Rust-Oppenheim. 172,022, Cl. D80—11.
- Hassinger, Herman, to Herman Hassinger, Inc. 173,429, Cl. D48—23.
- Hassinger, Herman, Inc.: *See*—
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- Hawkins, Willis M.: *See*—
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- Johnson, Clarence L., and Hawkins. 172,927.
- Hawkins, Willis M., Jr.: *See*—
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- Johnson, Clarence L., Hawkins, and Frost. 172,969.
- Hawkinson, Earle W., to Paul E. Hawkinson Co. 173,265, Cl. D90—20.
- Hawkinson, Paul E., Co.: *See*—
Hawkinson, Earle W. 173,265.
- Hawkinson, Paul E.
- Hawkinson, Paul E., assignor to Paul E. Hawkinson Company, Minneapolis, Minn. Tire. 171,497, Feb. 16.
- Hawthorne, Ellen. 173,155, Cl. D34—2.
- Hayden, Helen M., New York, N. Y. Slipper sock. 171,597, Mar. 2.
- Haynes, William J., Sr., to Leavenworth Steel, Inc. 173,483, Cl. D14—3.
- Haynes, William J., Sr., to Leavenworth Steel, Inc. 173,484, Cl. D14—3.
- Hays, Cecil L. 171,973, Cl. D44—21.
- Hazzard, Harry I., Inglewood, and V. C. Tyrrell, Redondo, assignors to McCulloch Motors Corporation, Los Angeles, Calif. Chain saw. 171,449, Feb. 9.
- Hebert, Pharis S. 172,830, Cl. D34—5.
- Heckman, Ralph M., to The Gates Rubber Co. 173,656, Cl. D80—10.
- Heddon's, James, Sons Corp.: *See*—
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- Heidman, William A., Jr., to R. De Vos and J. Van Anel, d. b. a. Grand Rapids Toy Co. 173,108, Cl. D34—15.
- Heiland Research Corporation, assignee: *See*—
Pennock, Robert L., Jr. 172,054.
- Helander, Lillian V. M., to The International Silver Co. 172,878, Cl. D54—12.
- Helander, Lillian V. M., to The International Silver Co. 173,728, Cl. D54—12.
- Helbling, Walter, Unterkulm, assignor to Injecta Aktiengesellschaft, Teufenthal, Switzerland. Household scale. 171,697, Mar. 16.
- Helms, Laurence C., assignor to Helms Products, Inc. 172,278, Cl. D29—20.
- Helms, Laurence C., to Helms Products, Inc. 173,729, Cl. D29—20.
- Helms, Laurence C., to Helms Products, Inc. 173,730, Cl. D48—20.
- Helms Products, Inc.: *See*—
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- Helms, Laurence C. 173,729.
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- Hemet Aircraft Corporation, assignee: *See*—
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- Henkes, Peter M., to George Gorton Machine Co. 172,597, Cl. D54—14.
- Hennessy, Robert E., Summit, N. J., assignor to National Distillers Products Corporation, New York, N. Y. Decanter. 171,543, Feb. 23.
- Henning, Eugenia W.: *See*—
Henning, Walter H. and E. W.
- Henning, Walter H. and E. W., Los Angeles, Calif. Jelly dish or similar article. 171,758, Mar. 23.
- Henning, Walter H. and E. W., Los Angeles, Calif. Ash tray. 171,759, Mar. 23.
- Henning, Walter H. and E. W., Los Angeles, Calif. Combined ash tray and cigarette drawer or similar article. 171,760, Mar. 23.
- Henning, Walter H. and E. W., Los Angeles, Calif. Desk set. 171,761, Mar. 23.
- Henry, William T. 172,023, Cl. D17—14.
- Hensley, Charles W., Seneca, Mo. Bowl. 171,498, Feb. 16.
- Hercules Steel Products Corp.: *See*—
Altemiller, Arthur D.
- Altemiller, Arthur D. 173,178.
- Herman, Leo H. 172,423, Cl. D29—2.
- Hermorion Ltd., assignee: *See*—
Jarund, Harry S. V. 171,975.
- Hernandez, Conrado A. 173,616, Cl. D9—2.
- Herring-Hall-Marvin Safe Co.: *See*—
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- Herrmann, Francis E., Altadena, assignor to Max Factor & Co., Hollywood, Calif. Dispenser for small articles. 171,598, Mar. 2.
- Hertzler, Frederick W., to Bissell Carpet Sweeper Co. 173,617, Cl. D9—2.
- Herzberg, Hugo, Company, assignee: *See*—
Loeb, Stephen H.
- Hess, John R., to Meteor Machine Corp. 172,879, Cl. D34—5.
- Hewitt, Elmer S., and L. E. Beyer, to Electric-Aire Engineering Corp. 172,501, Cl. D4—3.
- Trout, Harry R., and Hill. 172,256.
- Heyman, Robert E. 173,485, Cl. D54—14.
- Heyman, Robert E. 173,486, Cl. D54—14.
- High Rock Ginger Ale Company of Baltimore City, assignee: *See*—
Fine, Albert. 172,014.
- Hill, Frederick M.: *See*—
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- Trout, Harry R., and Hill. 172,773.
- Hill, Harvey. 173,109, Cl. D3—13.
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- Madl, Alfred W., and Hill. 173,624.
- Scheer, Harry, and Hill. 172,842.
- Scheer, Harry, and Hill. 172,843.
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- Hill, Richard P. 172,537, Cl. D9—6.
- Hill-Rom Company, Inc., assignee: *See*—
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- Hille Engineering Corp.: *See*—
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Hills, David G., Hartford, assignor to Plax Corporation, West Hartford, Conn. Bottle. 171,647, Mar. 9.
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Hills, David G., to Plax Corp. 173,431, Cl. D58—25.
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Hoffmaster, George R., Esterly, assignor to Willson Products, Inc., Reading, Pa. Pair of goggles. 171,852, Mar. 30.
Hogan, Milton A. 172,715, Cl. D31—3.
Hogrefe, William E. 172,024, Cl. D31—4.
Holbert, Sherman A., two-thirds to S. H. Cargill, and one-third to Mille Lacs Maple Products Corp. 173,433, Cl. D58—2.
Holbrook, Charles F., Harlingen, Tex. Insecticide vaporizer. 171,255, Jan. 5.
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Hopkins, Richard E., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Water shooting toy gun. 171,256, Jan. 5.
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Hosker, Clarence E., to The B. F. Goodrich Co. 173,700, Cl. D7—7.
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Hurley, Raymond F. 173,157, Cl. D48—23.
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Hutcheson, Ray R., to F. N. Mariani. 172,966, Cl. D85—2.
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Jackson, John T., assignor to Old King Cole Displays, Inc. 171,942, Cl. D44—29.
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Jacs, Alphonse, to Whiting-Adams Co., Inc. 172,668, Cl. D80—10.
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Jepson, Ivar, and R. O. Ernest, to Sunbeam Corp. 173,731, Cl. D44—26.
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Johnson, Clarence L., W. M. Hawkins, Jr., and E. C. Frost, to Lockheed Aircraft Corp. 172,969, Cl. D71—1.
Johnson, Clarence L., and W. M. Hawkins, Jr., to Lockheed Aircraft Corp. 173,032, Cl. D71—1.
Johnson, George R. 172,503, Cl. D81—10.
Johnson, George W., to Pabco Products Inc. 172,470, Cl. D92—17.
Johnson, George W., to Pabco Products Inc. 173,158, Cl. D92—17.
Johnson, J. Clifford. 172,030, Cl. D4—3.
Johnson & Johnson: *See*—
Wibbelsman, Clemence J., and Hitchcock. 172,693.
Johnson Nut Co.: *See*—
Seelye, Arthur T. 173,388.
Johnson, Rodney A., Salem, N. J. Television program display stand. 171,545, Feb. 23.
Johnson, Waldemar, Chicago, Ill. Nut cracker. 171,600, Mar. 2.
Johnson, Warren A.: *See*—
Peterson, Ulman B., and Johnson.
Johnson, Wilbert E.: *See*—
Beale, Dorr D., Johnson, and Allen. 172,530.
Johnson, Willard J.: *See*—
Butkiewicz, Emanuel, McGurk, and Johnson. 172,948.
Johnston, David B. 172,832, Cl. D80—1.
Johnston, Joseph M. 173,309, Cl. D56—2.
Johnston, Joseph R., assignor to North American Lace Co. Inc., Philadelphia, Pa. Window curtain or similar article. 171,698, Mar. 16.
Jones, Alta C. 172,928, Cl. D4—3.
Jones, Charles E., to American Plasticraft Co. 172,970, Cl. D58—5.
Jones, Charles E., Chicago, and R. H. Crowle, Berwyn, Ill. Calendar stand. 171,332, Jan. 26.
Jones, Frank E., to The Jones Metal Products Co. 173,490, Cl. D83—1.
Jones, Henry S.: *See*—
Spilman, Raymond, Jones, and Stephenson. 173,685.
Jones, Jack B.: *See*—
Glenn, John G. 172,963.
Jones Metal Products Co., The: *See*—
Jones, Frank E. 173,490.
Jones, Norvel H. 173,658, Cl. D31—2.
Jones, Robert B., to Packard Motor Car Co. 172,716, Cl. D14—6.
Jones, Robin F., to Congoleum-Nairn Inc. 172,881, Cl. D92—17.
Jones, Willard C., Fairfield, and W. J. Gove, Wethersfield, Conn., assignors to Underwood Corporation, New York, N. Y. Typewriting machine. 171,763, Mar. 23.
Jusel, Jack G. 171,895, Cl. D48—2.
Joseloff, Stanley. 173,732, Cl. D1—12.
Joslyn, John. 173,159, Cl. D56—1.
Judson, Nathaniel, to Mojud Hosiery Co., Inc. 172,971, Cl. D47—7.
Judson, Nathaniel, to Mojud Hosiery Co., Inc. 172,972, Cl. D47—7.
Juengling, Leonard E., Kansas City, Kans., assignor to Cook Chemical Company, Kansas City, Mo. Combined can and closure cap therefor. 171,280, Jan. 12.
Juliano, Alfred A. 173,733, Cl. D14—3.
Jungmeyer, Jack, Jr.: *See*—
Linden, Jerome B., and Jungmeyer. 172,626.
Junker, Kenneth M. 172,031, Cl. 44—29.
Kahla, Andréa N. 172,929, Cl. D74—17.
Kahn, Godfred F. 172,882, Cl. D33—12.
Kairalla, Eleanor, New York, N. Y. Waistcoat. 171,257, Jan. 5.
Kamborian, Jacob S. 172,793, Cl. D55—1.
Kaminsky, Philip F., Wantagh, N. Y. Game apparatus or similar article. 171,401, Feb. 2.
Kane, Warren W., to Sterling Motels Co. 172,973, Cl. D13—1.
Kantor, Seymour C., and E. W. Brockman. 173,619, Cl. D55—1.
Kaplan, Abraham R., Great Neck, N. Y. Perforated-embossed leather or similar fabric. 171,764, Mar. 23.
Kaplan, Isidore. 172,974, Cl. D45—4.
Karlen, Harvey R., to Cory Corp. 173,659, Cl. D44—1.
Karns, James A., to Fawick Flexi-Grip Co. 173,110, Cl. D34—5.
Kartveli, Alexander, Huntington, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Airplane. 171,402, Feb. 2.
Kartveli, Alexander, to Republic Aviation Corp. 173,491, Cl. D71—1.
Kassoy, Irving I. 172,424, Cl. D58—13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Link chain for a bracelet or the like. 171,281, Jan. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,300, Jan. 19.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,333, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,334, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,335, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,336, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,337, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,338, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,339, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,340, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,341, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,342, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,343, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,344, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,345, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,346, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,347, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,348, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,349, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,350, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,351, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,352, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or the like. 171,353, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 171,354, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or the like. 171,355, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Link chain for a bracelet or the like. 171,356, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 171,357, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 171,358, Jan. 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,403, Feb. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,404, Feb. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,405, Feb. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,406, Feb. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,407, Feb. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,408, Feb. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,409, Feb. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,410, Feb. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,500, Feb. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,501, Feb. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,502, Feb. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,503, Feb. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,504, Feb. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,648, Mar. 9.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 171,649, Mar. 9.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Link chain for a bracelet or the like. 171,650, Mar. 9.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 171,651, Mar. 9.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,699, Mar. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,700, Mar. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,701, Mar. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,702, Mar. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,703, Mar. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or the like. 171,704, Mar. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 171,705, Mar. 16.

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- Katz, Adolph, to Coro, Inc. 173,348, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,349, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,350, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,351, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,352, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,353, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,354, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,355, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,356, Cl. D45—9.
 Katz, Adolph, to Coro, Inc. 173,357, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,358, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,359, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,492, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,493, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,494, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,495, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,496, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,497, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,498, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,499, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,570, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,571, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,572, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,573, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,574, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,575, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,576, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,577, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,578, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,579, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,580, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,660, Cl. D45—9.
 Katz, Adolph, to Coro, Inc. 173,661, Cl. D45—9.
 Katz, Adolph, to Coro, Inc. 173,662, Cl. D45—9.
 Katz, Adolph, to Coro, Inc. 173,663, Cl. D45—9.
 Katz, Adolph, to Coro, Inc. 173,734, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,735, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,736, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,737, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,738, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,739, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,740, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,741, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,742, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,743, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,744, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,745, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,746, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,747, Cl. D45—16.
 Katz, Adolph, to Coro, Inc. 173,748, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,749, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,750, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,751, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,752, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,753, Cl. D45—4.
 Katz, Adolph, to Coro, Inc. 173,754, Cl. D45—19.
 Katz, Adolph, to Coro, Inc. 173,755, Cl. D45—9.
 Katz, Anna. 172,096, Cl. D7—7.
 Katz, Joseph M., to The Papercraft Corp. 172,425, Cl. D80—5.
 Katz, Max B. 172,751, Cl. D45—19.
 Katz, Seymour, assignor to Phil-Maid, Inc. 171,943, Cl. D3—17.
 Kaufman, Hans J., to Daystrom, Inc. 173,702, Cl. D15—1.
 Kaufman, Samuel J., New York, N. Y. Combined desk clock and barometer. 171,411, Feb. 2.
 Kaufman, Samuel J., assignor to Semca Clock Co., Inc., New York, N. Y. Clock case. 171,714, Mar. 16.
 Kaufman, Samuel J. 172,833, Cl. D44—29.
 Kaufman, Samuel J. 172,834, Cl. D44—29.
 Kaufman, Stanley L. 172,795, Cl. D80—11.
 Kay, Stanley W., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway car body. 171,258, Jan. 5.
 Kaye, Gordon E., and H. Jacobel. 172,796, Cl. D34—5.
 Kayton, Robert, Jackson Heights, W. Freundel, Brooklyn, H. R. Jeter, and B. Dudek, Garden City, N. Y., assignors to Chadbourne Sales Corporation. Hosiery display device. 171,715, Mar. 16.
 Keady, John C., San Diego, Calif. Combined portable stool and carrying case. 171,652, Mar. 9.
 Keeler, Charles H., Clewer Green, Windsor, England. Hand ophthalmoscope. 171,601, Mar. 2.
 Kefauver, Hazel D., and G. C. Miller. 172,975, Cl. D34—15.
 Keiler Corporation, assignee: See—
 Pearl, Curtis F. 171,986.
 Keller, Hugo F. 172,393, Cl. D48—20.
 Keller, Hugo F. 172,395, Cl. D48—32.
 Kellett, Alfred L. 173,756, Cl. D44—1.
 Kelly, George M., to Kingston Products Corp. 172,835, Cl. D9—2.
 Kelly, Martin J. 173,266, Cl. D91—3.
 Kelman, Samuel E., Providence, R. I. Buckle. 171,853, Mar. 30.
 Kelman, Samuel E., Providence, R. I. Buckle. 171,854, Mar. 30.
 Kelman, Samuel E. 173,225, Cl. D17—1.
 Kelman, Samuel E. 173,226, Cl. D17—1.
 Kelman, Samuel E. 173,227, Cl. D17—1.
 Kelman, Samuel E. 173,228, Cl. D17—1.
 Keltie, George R., assignor to American Wringer Company, Incorporated, Woonsocket, R. I. Girdle or similar article. 171,602, Mar. 2.
 Kemper, John E. 172,717, Cl. D74—1.
 Kempf, Josephine. 173,112, Cl. D48—20.
 Kendrick, John S., to Raytheon Mfg. Co. 173,161, Cl. D26—5.
 Kenitz, Jack E., assignor to Packard Motor Car Company. 172,394, Cl. D48—32.
 Kenmar Mfg. Co., The: See—
 Maurer, Robert A. 173,625.
 Maurer, Robert A. 173,706.
 Kennedy, Bert, Johnstown, N. Y. Glove. 171,259, Jan. 5.
 Kenworth Motor Truck Corp.: See—
 Kramer, Gideon. 173,314.
 Kerner, Fred G., and G. Z. Huffine. 173,360, Cl. D34—15.
 Kerr, Roger B., Jamestown, R. I., assignor to General Electric Company. Transformer. 171,802, Mar. 23.
 Kerr, Roger B., to General Electric Co. 173,757, Cl. D26—5.
 Kerr, Roger B., to General Electric Co. 173,758, Cl. D26—5.
 Kerry, Byron J., assignor to Chrysler Corporation. 172,288, Cl. D14—6.
 Kestenman Bros. Mfg. Co.: See—
 Valcourt, Louis E. 173,632.
 Key, Abraham L., to Monarch Wine Co., Inc. 172,625, Cl. D58—6.
 Keyes Fibre Co.: See—
 Despres, Urban H. 172,271.
 Emery, Richard L. 172,827.
 French, Richard S.
 Lemieux, Raoul P. 173,229.
 Keystone Brothers, assignee: See—
 Freysinger, John B. 171,972.
 Freysinger, John B. 172,018.
 Keystone, Donald W., Pasadena, assignor to Lichtenberger-Ferguson Co., Los Angeles, Calif. Pouch for attachment to a belt or button. 171,359, Jan. 26.
 Kiekhäfer, Elmer C. 172,752, Cl. D71—1.
 Killoren, James F. 172,471, Cl. D34—13.
 King, Henry T., to Chrysler Corp. 173,033, Cl. D14—6.
 King, Henry T., and H. W. Pilkey, assignors to Chrysler Corporation. 172,289, Cl. D14—18.
 King, Jay F., assignor to Atlanta Stove Works, Inc. 172,165, Cl. D15—11.
 Kingham, Arthur C., assignor to Rolls Razor Limited. 172,351, Cl. D2—3.
 Kingham, Arthur C., assignor to Rolls Razor Limited. 172,352, Cl. D2—3.
 Kingston Products Corp.: See—
 Kelly, George M. 172,835.
 Kinsey, Jerry E., St. Louis, Mo. Ornament for spectacle frames. 171,412, Feb. 2.
 Kinsey, Roy J., Dalton, Ga. Chenille fabric. 171,282, Jan. 12.
 Kirkbride, Alec B., to Rotaprint Ltd. 173,703, Cl. D64—11.
 Kirkman, Alice G. 172,034, Cl. D17—9.
 Kittner, Harry, New York, N. Y., assignor to David Traum Company, Inc. Knitting bag or similar article. 171,260, Jan. 5.
 Kivett, Jerome S., assignor to Regal Plastic Company. 171,944, Cl. D87—5.
 Klaudt, Herta S. 172,166, Cl. D34—5.
 Klein, Milton F., to Jaxton Mfg. Corp. 173,113, Cl. D44—10.
 Kleinert, I. B., Rubber Co.: See—
 Pfann, Nell M. 173,169.
 Klemann, Heinrich: See—
 Leitz, Ludwig, and Klemann.
 Kleppen, Marian R. 172,669, Cl. D7—7.
 Kline, Arthur E., and W. H. Webster, to Lonergan Mfg. Co. 173,436, Cl. D26—7.
 Klotz, Edward C., Jr., to Ray-O-Vac Co. 173,704, Cl. D48—24.
 Knapp, Stephen, Jr. 173,162, Cl. D9—2.
 Knapp, Stephen, Jr., to The Sherwin-Williams Co. 173,312, Cl. D9—2.
 Knapp, Stephen, Jr., to The Sherwin-Williams Co. 173,313, Cl. D9—2.
 Knoll Associates Inc., assignee: See—
 Knoll, Florence S. 172,098.
 Knoll, Florence S., assignor to Knoll Associates Inc. 172,098, Cl. D33—7.
 Knothe Brothers Co., Inc.: See—
 Adams, Merle J. 172,736.
 Knowles, Frederick G., assignor to Eastman Kodak Company, Rochester, N. Y. Motion-picture camera. 171,413, Feb. 2.
 Koci, Jerry C., Barrington, assignor to Chicago Coin Machine Co., Chicago, Ill. Skill testing game device. 171,261, Jan. 5.
 Koehler, George. 173,437, Cl. D47—7.
 Koehring Co.: See—
 Mortag, Edward H. 172,979.
 Kokoris, Peter. 173,267, Cl. D82—2.
 Kolodny, Joseph, assignee: See—
 Story, Clarence B.
 Kolodny, Leo. 172,670, Cl. D91—1.
 Kono, Alexander. 172,671, Cl. D57—1.
 Koplar, Alan E. 171,983, Cl. D42—7.
 Korth, Paul V. 172,353, Cl. D58—26.
 Kosmak, George. 172,930, Cl. D81—7.

- Kosmak, George. 172,931, Cl. D81—7.
 Kossoff, Joseph: *See*—
 Handler, Elliot, and Kossoff. 172,877.
 Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 171,451, Feb. 9.
 Kramer, Gideon, to Kenworth Motor Truck Corp. 173,314, Cl. D14—3.
 Kramer Jewelry Creations, Inc.: *See*—
 Kramer, Louis. 172,541.
 Kramer, Louis. 172,542.
 Kramer, Louis. 172,543.
 Kramer, Louis. 172,544.
 Kramer, Louis. 172,753.
 Kramer, Louis. 172,890.
 Kramer, Louis. 172,891.
 Kramer, Louis. 172,892.
 Kramer, Lewis. 173,268, Cl. D7—7.
 Kramer, Louis, to Kramer Jewelry Creations, Inc. 172,541, Cl. D45—19.
 Kramer, Louis, to Kramer Jewelry Creations, Inc. 172,542, Cl. D45—19.
 Kramer, Louis, to Kramer Jewelry Creations, Inc. 172,543, Cl. D45—9.
 Kramer, Louis, to Kramer Jewelry Creations, Inc. 172,544, Cl. D45—19.
 Kramer, Louis, to Kramer Jewelry Creations, Inc. 172,753, Cl. D45—9.
 Kramer, Louis, to Kramer Jewelry Creations, Inc. 172,890, Cl. D45—16.
 Kramer, Louis, to Kramer Jewelry Creations, Inc. 172,891, Cl. D45—4.
 Kramer, Louis, to Kramer Jewelry Creations, Inc. 172,892, Cl. D45—16.
 Kramer, Maurice, New York, N. Y. Hanger device. 171,283, Jan. 12.
 Kramer, Murray B., assignor to Richlite Manufacturing Company, Chicago, Ill. Clothes hanger. 171,452, Feb. 9.
 Kranz, Betty J. 173,759, Cl. D73—1.
 Krause, Richard S.: *See*—
 Beckstrom, Garfield L., and Krause. 172,214.
 Kravitz, Herman. 171,896, Cl. D48—20.
 Kravitz, Thomas C., University Heights, assignor to Anchor Rubber Products, Inc., Cleveland, Ohio. Reversible floor mat. 171,301, Jan. 19.
 Kreisler, Jacques, Mfg. Corp.: *See*—
 Speck, Kurt. 172,729.
 Speck, Kurt. 172,811.
 Krewson, Ralph W.: *See*—
 Barata y Barrera, Jose, and Krewson.
 Krieger, Rose, and D. Langinger, Hollywood, Calif. Hat. 171,603, Mar. 2.
 Krieger, Rose, and D. Langinger. 173,620, Cl. D3—13.
 Kristoff, Donald L., to James Heddon's Sons Corp. 173,438, Cl. D61—1.
 Krohn, Abraham Z., Brooklyn, N. Y. Circumcising instrument. 171,453, Feb. 9.
 Kroll, Stanley: *See*—
 Cooper, Benjamin, and Kroll.
 Kromex Corporation, assignee: *See*—
 Ziskin, Manuel S., and Billig. 171,985.
 Krueger, Leo, Tucson, Ariz. Air diffuser for ceilings. 171,505, Feb. 16.
 Kruger, Michael H., and M. Gilman, to A. L. Smith Iron Co. 173,500, Cl. D48—23.
 Krusemark, Frederick A. 172,035, Cl. D14—6.
 Krusius, Erwin. 173,315, Cl. D22—5.
 Krusius, Erwin. 173,316, Cl. D22—5.
 Krusius, Erwin. 173,317, Cl. D22—5.
 Kuehne Manufacturing Co., assignee: *See*—
 Roth, Andrew.
 Kuhlman, John C., Cincinnati, Ohio. Combined ash tray and menu holder. 171,653, Mar. 9.
 Kumpf, Elmer F., to Northwestern Mail Box Co. 172,545, Cl. D34—5.
 Kuner, William H.: *See*—
 Horvath, Anthony G., Kuner, and Wolfe.
 Kupka, William P. 173,439, Cl. D31—2.
 Kupka, William P. 173,440, Cl. D31—2.
 Kupka, William P. 173,501, Cl. D31—2.
 Kurtz, Edward G. 172,893, Cl. D56—9.
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 La Barre, Ernoll W., assignor to W. L. Stensgaard and Associates, Inc. 171,897, Cl. D80—8.
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 Lagaipa, Joseph A., and L. Cohen. 171,898, Cl. D33—1.
 Lagarde, Lynn E.: *See*—
 Harrison, Edgar C., Lagarde, and Lane. 172,422.
 Lagdan, Bayani S. 173,361, Cl. D71—1.
 Laird, Floyd A., Bend, Oreg. Combination folding camp, boat, and lawn chair. 171,506, Feb. 16.
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 Banks, Merle W. 172,213.
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 Lakso, Eino E., Fitchburg, Mass., assignor to Nashua Corporation, Nashua, N. H. Tape dispenser casing. 171,546, Feb. 23.
 Lamb, Thomas. 173,114, Cl. D22—3.
 Lamb, Thomas. 173,115, Cl. D22—3.
 Lamb, Thomas. 173,116, Cl. D22—3.
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 Lambert, Raoul A., to Westinghouse Electric Corp. 173,441, Cl. D9—2.
 Lambourn, Leonard J., to Dunlop Tire and Rubber Corp. 173,269, Cl. D90—20.
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 Landorf, Howard, assignor to Sam Landorf and Company, Inc., New York, N. Y. Child's dress. 171,507, Feb. 16.
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 Langford, George H., Glendale, Calif. Spiked shoe. 171,717, Mar. 16.
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 Latimer, Charles A., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Electric chain saw. 171,547, Feb. 23.
 Latimer, Charles A., and D. H. Freund, assignors to The American Floor Surfacing Machine Company. 171,899, Cl. D40—1.
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 Lawrence, Warren E., Jr., Riverside, assignor to Gorham Manufacturing Company, Providence, R. I. Buffet bowl. 171,803, Mar. 23.
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 Lay, H. W., & Company, Inc., assignee: *See*—
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 Lee, Robert E., assignor to A. G. Allison. 172,037, Cl. D15—1.
 Leech, Aubrey B., to Econolite Corp. 173,621, Cl. D48—20.
 Le Febvre, Alfred L., Windsor, Conn., and D. M. Small, Springfield, assignors to Stanley Home Products, Inc., Westfield, Mass. Holder for wax applicator or the like. 171,284, Jan. 12.
 Le Febvre, Alfred L., assignor to Stanley Home Products, Inc. 172,099, Cl. D86—10.
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 Leitz, Ludwig, Laufdorfweg, Wetzlar, and H. Klemann, Burgsolms, assignors to E. Leitz, G. m. b. H., Wetzlar/Lahn, Germany. Microscope. 171,302, Jan. 19.
 Lemieux, Raoul P., to Keyes Fibre Co. 173,229, Cl. D58—13.
 Lemont, Harold E., Jr., to Jacobs Aircraft Engine Co. 172,472, Cl. D71—1.
 Lendved, John W., assignor to Chain Belt Company. 172,100, Cl. D14—3.
 Lennox, Stanley D., to El Brazero of California. 172,672, Cl. D81—10.
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 Le Tang, Leo R. 172,473, Cl. D29—23.
 Levenhagen, Alvin W., to Molded Fiberglass Tray Co. 173,120, Cl. D44—10.
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 Levenhagen, Alvin W. 173,319, Cl. D44—10.
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 Levine, Morton, to Commonwealth Plastics Corp. 173,444, Cl. D17—2.
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 Lindberg, Paul W., to Lindberg Products, Inc. 173,270, Cl. D34—15.
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 Lindner, John W., Milwaukee, Wis., assignor to Continental Art Company, Chicago, Ill. Figurine. 171,654, Mar. 9.
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 Lipman, Herman. 173,271, Cl. D3—26.
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 Lipman, Isadore A., assignor to Ellmore Silver Co., Inc., Meriden, Conn. Combined bottle and can opener. 171,415, Feb. 2.
 Lipman, Isadore A., assignor to Amston Silver Company, Inc., Meriden, Conn. Spoon or similar article. 171,855, Mar. 30.
 Lipton, Henry, to J. P. Smith Shoe Co. 172,628, Cl. D7—7.
 Litwin, David P. 171,903, Cl. D3—13.
 Livingston, George E., Louisville, Ky., assignor to The Moxie Company, Needham Heights, Mass. Beverage bottle or similar article. 171,605, Mar. 2.
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 Louis, Florence C. 173,363, Cl. D25—1.
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 Macaluso, Michael, Jr., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Magnifier for focusing photographic enlargers. 171,806, Mar. 23.
 Macaluso, Michael, Jr., assignor to Bausch & Lomb Optical Company. 171,904, Cl. D57—7.
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 Maisch, Jacques E., New York, N. Y., assignor to Burlington Mills Corporation, Greensboro, N. C. Textile fabric or similar article. 171,454, Feb. 9.
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 Maling, Roy. 172,398, Cl. D7—5.
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- Mandl, Adolph M. 172,897, Cl. D7—7.
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 Marano, Herbert W., Summit, N. J., assignor to Wilson Jones Company, Chicago, Ill. Combined stapler and staple remover. 171,304, Jan. 19.
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 Marcantonio, Attilio A. G., London, England, assignor to Embisco Limited. Ice-cream cone or the like. 171,808, Mar. 23.
 Marcantonio, Attilio A. G., London, England, assignor to Embisco Limited. Ice-cream cone or the like. 171,809, Mar. 23.
 Marcantonio, Attilio A. G., London, England, assignor to Embisco Limited. Ice-cream cone or the like. 171,810, Mar. 23.
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 Carver, Richard N.
 Hopkins, Richard E.
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 Mason, Harry, to Consolidated General Products, Inc. 172,631, Cl. D49—2.
 Mason, John W., assignor to Motor Wheel Corporation. 172,236, Cl. D14—30.
 Mason, John W., assignor to Motor Wheel Corporation. 172,237, Cl. D14—30.
 Mason, John W., assignor to Motor Wheel Corporation. 172,238, Cl. D14—30.
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 Mason, John W., assignor to Motor Wheel Corporation. 172,240, Cl. D14—30.
 Mason, John W., assignor to Motor Wheel Corporation. 172,241, Cl. D14—30.
 Mason, John W., assignor to Motor Wheel Corporation. 172,242, Cl. D14—30.
 Mason, John W., to Motor Wheel Corp. 173,666, Cl. D14—30.
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 Hancock, John L.
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 Merl, Carl J., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy airplane. 171,720, Mar. 16.
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- Miller, William, and P. Levin. 173,075, Cl. D42—1.
- Miller, William B. 173,280, Cl. D49—1.
- Miller, William J., and A. H. Titus, Jr., Galesburg, Ill., and L. H. Wilson, Grosse Pointe, Mich., assignors to Admiral Corporation, Chicago, Ill. Instrument back panel for a stove. 171,418, Feb. 2.
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- Milne, Stewart J., to Brown & Bigelow. 173,076, Cl. D74—1.
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- Minnesota Mining & Mfg. Co.: *See—*
Brown, Erwin W. 173,010.
- Minster Machine Company, The, assignee: *See—*
Wissman, Reuben E.
- Miran, Julius, Teaneck, N. J. Stocking. 171,361, Jan. 26.
- Mishler, Pearl A. 172,755, Cl. D33—14.
- Mitchell, Frederick W. 172,801, Cl. D34—2.
- Mitchell, Lester F., Shaker Heights, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Duplicating machine. 171,456, Feb. 9.
- Modern Products Manufacturing Corporation, assignee: *See—*
Von Duyke, Harrison M.
- Modern Village Stores, Inc., assignee: *See—*
Hartup, Frederick W.
- Mojud Hosiery Co., Inc.: *See—*
Jacobsson, Edward G. 172,540.
Judson, Nathaniel. 172,971.
Judson, Nathaniel. 172,972.
- Molded Fiberglass Tray Co.: *See—*
Levenhagen, Alvin W. 173,120.
- Monarch Wine Co., Inc.: *See—*
Key, Abraham L. 172,625.
- Mont, James, New York, N. Y. Portable bar. 171,856, Mar. 30.
- Montanye, Carlyle N. 172,756, Cl. D74—5.
- Monteleone, Mario, to Melrose Lamp Shade Co., Inc. 173,669, Cl. D48—20.
- Monteleone, Mario, to Melrose Lamp Shade Co., Inc. 173,670, Cl. D48—20.
- Monteleone, Mario, to Melrose Lamp Shade Co., Inc. 173,671, Cl. D48—20.
- Monteleone, Mario, to Melrose Lamp Shade Co., Inc. 173,672, Cl. D48—20.
- Moore, David P. 171,950, Cl. D34—15.
- Moore Fabrics: *See—*
Moore, John V. 173,077.
- Moore, John V., to Moore Fabrics. 173,077, Cl. D3—32.
- Moore, Manny. 173,583, Cl. D45—10.
- Moore, Walter E., to Swing-A-Way Mfg. Co. 172,757, Cl. D89—1.
- Moore, Walter E., to Swing-A-Way Mfg. Co. 173,506, Cl. D22—2.
- Moran, Richard W. 172,933, Cl. D34—15.
- Morgan, Jack, assignor to Dormeyer Corporation, Chicago, Ill. Deep fat frier. 171,609, Mar. 2.
- Morgan, Jack, to Radio Corp. of America. 172,428, Cl. D81—25.
- Morgan, Jack. 173,534, Cl. D89—1.
- Morgan Manufacturing Company, assignee: *See—*
Baker, Harry A. and H. E., and Deako. 172,074.
- Morgan, Ray F. 172,758, Cl. D64—12.
- Morganstern, Morgy, to Morgy Morganstern Corp. 173,584, Cl. D92—1.
- Morganstern, Morgy, Corp.: *See—*
Morganstern, Morgy. 173,584.
- Morphy-Richards Ltd.: *See—*
Tucker, Alec. 173,046.
- Morrah, Ronald E. 172,934, Cl. D58—12.
- Morris, Frederic J. 172,632, Cl. D54—16.
- Morris, Nathan K., Avon, N. J. Sweater ensemble. 171,658, Mar. 9.
- Morrison, Michael H., Los Angeles, Calif. Chair. 171,610, Mar. 2.
- Morrison, Robert B., to E. H. Sheldon & Co. 173,281, Cl. D16—2.
- Morrow, Anthony R.: *See—*
Spilman, Raymond, and Morrow. 173,686.
- Morse, Coleman. 173,451, Cl. D9—2.
- Mortag, Edward H., to Koehring Co. 172,979, Cl. D14—3.
- Morton, George Y. 173,036, Cl. D54—16.
- Motor Wheel Corp.: *See—*
Mason, John W. 172,236—172,242.
Mason, John W. 173,666.
Wilson, Lawrence H.
- Moxie Company, The, assignee: *See—*
Livingston, George E.
- Moyer, Gene, assignor to West Disinfecting Company. 172,104, Cl. D58—6.
- Moyer, Marjorie, Tully, N. Y. Invertible doll. 171,611, Mar. 2.
- Moyer, Paul W., to Lloyd Chain Mfg. Co. 173,368, Cl. D33—14.
- Muench, Charles M., New York, N. Y. Orphrey or similar article. 171,812, Mar. 23.
- Muench, Toni O., East Liverpool, Ohio, assignor to Fisher, Bruce & Company, Philadelphia, Pa. Plate or similar article. 171,513, Feb. 16.
- Muench, Toni O., East Liverpool, Ohio, assignor to Fisher, Bruce & Company, Philadelphia, Pa. Plate or similar article. 171,514, Feb. 16.
- Mugnai, Fred. 173,535, Cl. D48—20.
- Muller-Munk, Peter, to Westinghouse Electric Corp. 173,536, Cl. D67—3.
- Mundt, Stuart G.: *See—*
Hoyle, Walter W., and Mundt. 173,069.
- Mundt, Stuart G., assignor to Easy Washing Machine Corporation. 171,907, Cl. D49—1.
- Munsie, George R., assignor to Pitney-Bowes, Inc., Stamford, Conn. Combined stacking device and stand. 171,362, Jan. 26.
- Munson, Inc.: *See—*
Vaughan, Frederick W. 173,175.
Vaughan, Frederick W. 173,331.
- Murphy, Leslie R., Sacramento, Calif. Portable heavy-duty weighing scale. 171,612, Mar. 2.
- Murrill, Beulah M., Jacksonville, N. C. Animal pull-toy or similar article. 171,813, Mar. 23.
- Musel, Robert J., and H. N. Carpenter, to Plax Corp. 172,718, Cl. D58—25.
- Muzzy, George F., Malden, Mass. Combined glass holder and opener for bottles and jars. 171,419, Feb. 2.
- Myser, Henri J. 172,506, Cl. D34—15.
- Myser, Henri J. 172,507, Cl. D34—15.
- Nadeau, Elphege. 172,898, Cl. D92—15.
- Nagler, Bruno. 172,243, Cl. D34—15.
- Nancy Lynn, Inc., assignee: *See—*
Weiss, Gabriel D., and Friedman. 172,116.
- Nashua Corporation, assignee: *See—*
Lakso, Eino E.
- Natale, Onofrio J. 172,244, Cl. D86—10.
- Nathan, Emanuel. 172,039, Cl. D57—1.
- National Brush Company, assignee: *See—*
Racicot, Albert R.
- National Distillers Products Corporation, assignee: *See—*
Hennessy, Robert E.
- National Grange of the Patrons of Husbandry: *See—*
Newsom, Herschel D. 173,673.
- National Presto Industries, Inc.: *See—*
Boldt, Melvin H. 173,521.
Boldt, Melvin H. 173,716.
- National Silver Company, assignee: *See—*
Bernstein, Bernard.
Bernstein, Milton.
- Neagle, Richard M., Philadelphia, Pa. Costumer device. 171,659, Mar. 9.
- Nebel, William. 173,507, Cl. D47—7.
- Neerup, Einar. 173,167, Cl. D86—10.
- Nelpin Manufacturing Company, Inc., assignee: *See—*
Pinkham, Clarence A., and Holohan.
- Nelson, Alfred N. 172,357, Cl. 44—1.
- Nelson, Arthur J., assignor to Pulp Reproduction Co., Milwaukee, Wis. Artificial jack-o'-lantern. 171,363, Jan. 26.
- Nelson, Erdick H. 172,296, Cl. D58—12.
- Nelson, George, assignor to Price Brothers, Inc. 171,908, Cl. D1—12.
- Nelson, George, assignor to Price Brothers, Inc. 171,909, Cl. D1—12.
- Nemzer, Roy R.: *See—*
Goldman, Robert, and Nemzer.
Goldman, Robert, and Nemzer. 172,388.
Goldman, Robert, and Nemzer. 172,876.
- Neo Products Co., assignee: *See—*
Burrows, Samuel. 172,216.
Burrows, Samuel. 172,217.
- Nesbitt, Evelyn L. 172,508, Cl. D89—1.
- Nesbitt Fruit Products, Inc., assignee: *See—*
Dillon, Chadbourn L. 172,010.
- Nesco Inc.: *See—*
Theisen, John P. 172,692.
- Nestler, Herbert N.: *See—*
Willinger, Harding W., and Nestler.
- Netzler, Kenneth C. 172,245, Cl. D44—10.
- Neumann, George, and A. Patzke. 173,123, Cl. D2—3.
- Neustadter, Arnold. 173,037, Cl. D26—14.
- Newlin, Oscar L., Wichita, Kans. Spectacle holder. 171,263, Jan. 5.
- Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,040, Cl. D57—1.
- Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,041, Cl. D57—1.
- Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,042, Cl. D57—1.
- Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,043, Cl. D57—1.
- Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,044, Cl. D57—1.
- Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,045, Cl. D57—1.
- Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,046, Cl. D57—1.
- Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,047, Cl. D57—1.
- Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,048, Cl. D57—1.

- Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,049, Cl. D57—1.
 Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,050, Cl. D57—1.
 Newman, Nathan, assignor to Newman Wholesale Optical Co. 172,051, Cl. D57—1.
 Newman Wholesale Optical Co., assignee: *See*—
 Newman, Nathan. 172,040.
 New Monarch Machine and Stamping Co.: *See*—
 Scanland, Joseph E. 172,938.
 Newsom, Herschel D., to National Grange of the Patrons of Husbandry. 173,673, Cl. D29—2.
 Niblack, Kenneth G. 173,124, Cl. D22—3.
 Nichols, Ellsworth G. 173,627, Cl. D80—11.
 Nickles, Ned E., assignor to General Motors Corporation. 172,052, Cl. D14—30.
 Niemann, Fred W. 172,633, Cl. D15—8.
 Nissen, Warren I.: *See*—
 Aronson, Louis V., II, and Nissen. 173,552.
 Nixon, Foster C. 172,297, Cl. D74—1.
 Nolan, Maurice J. 171,951, Cl. D47—7.
 Norby, Clarence V.: *See*—
 Girardy, Alfred B., Norby, and Doman. 173,653.
 Nordholt, Louis E., and H. L. Bourner, to Temco, Inc. 172,719, Cl. D81—19.
 Nordholt, Louis E., and H. L. Bourner, to Temco, Inc. 172,720, Cl. D81—19.
 Nordin, Charles E. 173,452, Cl. D44—9.
 North, Joseph M. 173,674, Cl. D62—4.
 North & Judd Mfg. Co.: *See*—
 Odencrants, Henning af. 172,298.
 Odencrants, Henning af. 173,125.
 North American Lace Co. Inc., assignee: *See*—
 Johnston, Joseph R.
 North Central Plastics, Incorporated, assignee: *See*—
 Verplank, Joyce C.
 Northwestern Mail Box Co.: *See*—
 Kumpf, Elmer F. 172,545.
 Nowak, Roger L., assignor to Van Brode Milling Co., Inc. 171,910, Cl. D80—5.
 Nowell, Frances M. 172,105, Cl. D3—26.
 Oakes, Thomas E., and D. S. Truog, to Crimsco, Inc. 173,321, Cl. D14—3.
 Obodzinski, Anton. 172,980, Cl. D52—3.
 O'Connor, Arthur F., and G. J. Christenson. 172,106, Cl. D66—2.
 Odencrants, Henning af, assignor to North & Judd Manufacturing Company. 172,298, Cl. D17—3.
 Odencrants, Henning af, to North & Judd Mfg. Co. 173,125, Cl. D17—1.
 Ohio Advertising Display Co., The: *See*—
 Becker, Ray. 172,947.
 Ohio Foundry & Manufacturing Company, The, assignee: *See*—
 Thompson, Harry E.
 Ohme, Herman, Los Angeles, Calif. Set of chessmen or similar article. 171,286, Jan. 12.
 Old King Cole Displays, Inc., assignee: *See*—
 Jackson, John T. 171,942.
 Oles, Floyd. 172,935, Cl. D22—3.
 Olsen, Kenneth D., Madison, N. J. Tablet dispenser. 171,515, Feb. 16.
 Olsen, Leonard B.: *See*—
 Bottemiller, Merton M., and Olsen. 173,300.
 Bottemiller, Merton M., and Olsen. 173,301.
 Bottemiller, Merton M., and Olsen. 173,409.
 Olson, Elmer L.: *See*—
 Boltz, Franklyn W., Ferlisi, Olson, Allinson, and Lindsey. 172,379.
 Olswang, Ralph R. 172,838, Cl. D44—1.
 Olswang, Ralph R. 172,839, Cl. D44—1.
 Olswang, Ralph R. 172,840, Cl. D44—1.
 Olympia Werke West G. m. b. H., assignee: *See*—
 Winter, Otto. 172,205.
 Oneida Ltd.: *See*—
 Gerth, William H. 173,527.
 Gerth, William H. 173,528.
 Perry, Frank R. 173,538.
 Perry, Frank R. 173,539.
 Perry, Frank R. 173,540.
 Perry, Frank R. 173,541.
 Perry, Frank R. 173,586.
 O'Neil, William J., New York, N. Y., assignor to Dictaphone Corporation, Bridgeport, Conn. Headset for dictating machines. 171,613, Mar. 2.
 Onondaga Pottery Co.: *See*—
 McKaig, Charles H.
 Szymanski, Michael J. 172,370.
 Szymanski, Michael J. 172,999.
 Oppenheimer, Siegfried L. 173,168, Cl. D92—1.
 Ornas, Theodore, Jr., Fort Wayne, Ind., assignor to International Harvester Company. Vehicle hood ornament. 171,305, Jan. 19.
 Ornas, Theodore, Jr., to International Harvester Co. 173,453, Cl. D14—3.
 Orr, Matthew F., to J. C. Hockery, trustee for H. J. and F. L. Talge. 172,429, Cl. D81—10.
 Ortega, Mario De J. 172,981.
 Orren, Louis M. and T. M. 172,759, Cl. D25—1.
 Orren, Thomas M.: *See*—
 Orren, Louis M. and T. M. 172,759.
 Ortega, Mario D., deceased, P. A. Ortega, administratrix. 172,981, Cl. D9—2.
 Ortega, Mario D., deceased, P. A. Ortega, administratrix. 173,454, Cl. D9—2.
 Ortega, Pauline A.: *See*—
 Ortega, Mario D. 173,454.
 Osborn, Ralph C., Bloomington, Ill. Vacuum cleaner with accessory ring. 171,614, Mar. 2.
 Oshman, Joseph, assignee: *See*—
 Gershen, Irvin J.
 Oshman, Solomon, assignee: *See*—
 Gershen, Irvin J.
 Osman, Ralph T., Whitefish Bay, Wis. Electric lantern. 171,457, Feb. 9.
 Oster, John, Mfg. Co.: *See*—
 Iannelli, Alfonso. 171,941.
 Madl, Alfred W., and Hill. 173,624.
 Otto, Carl L., assignor to The Erno Laszlo Company, New York, N. Y. Cosmetic container. 171,516, Feb. 16.
 Otto, Carl L., assignor to Schick Incorporated. 172,169, Cl. D22—3.
 Otto, Ferdinand P., to Quaker Lace Co. 172,760, Cl. D92—26.
 Otto, Ferdinand P., to Quaker Lace Co. 173,038, Cl. D92—26.
 Otto, Ferdinand P., to Quaker Lace Co. 173,039, Cl. D92—26.
 Otto, Paul F. 173,708, Cl. D91—3.
 Owen, Harold A., and P. A. Turner, to International Latex Corp. 172,549, Cl. D3—26.
 Oyler, Robert L., Long Beach, Calif. Papoose doll. 171,857, Mar. 30.
 Pabco Products Inc.: *See*—
 Johnson, George W. 172,470.
 Johnson, George W. 173,158.
 Pachico, Henry, Concord, Calif. Candelstick. 171,517, Feb. 16.
 Packard Motor Car Co.: *See*—
 Jones, Robert B. 172,716.
 Kenitz, Jack E. 172,394.
 Phaneuf, Charles H. W. 171,953.
 Van Mourik, Henry C. 173,001.
 Wengren, Walter A. 173,176.
 Palley, I. Nevin, assignor, by mesne assignments, to Chance Vought Aircraft Incorporated. 172,170, Cl. D71—1.
 Palmer, C. D., Brass & Copper Co., Inc.: *See*—
 Palmer, Charles D. 173,537.
 Palmer, Charles D., to C. D. Palmer Brass & Copper Co., Inc. 173,537, Cl. D54—13.
 Palmu, Matt J.: *See*—
 Erickson, Walter T., and Palmu.
 Palombi, Mario: *See*—
 De Bernardi, Anthony, and Palombi. 173,476.
 De Bernardi, Anthony, and Palombi. 173,693.
 Pan-American Trailer Coach Co., Division of Mid-States Corp.: *See*—
 Ukena, Eike. 173,288.
 Panzer, William C., Chicago, Ill. Smoker's stand or similar article. 171,420, Feb. 2.
 Papadakos, Peter J., to Gyrodyne Co. of America, Inc. 172,721, Cl. D71—1.
 Papercraft Corp., The: *See*—
 Katz, Joseph M. 172,425.
 Paragon Electric Co.: *See*—
 Platt, Edward V. 172,440.
 Park, Malcolm S., to The Singer Mfg. Co. 173,369, Cl. D70—1.
 Park, Malcolm S., to The Singer Mfg. Co. 173,370, Cl. D70—1.
 Park, Malcolm S., to The Singer Mfg. Co. 173,762, Cl. D70—1.
 Park, Richard B., and D. Maxwell, assignors to The Fuller Brush Company. 172,053, Cl. D86—10.
 Parker, Benjamin. 172,299, Cl. D35—3.
 Parker, George E., Pasadena, Calif. Barber chair or similar article. 171,364, Jan. 26.
 Parker, Henry G., New Orleans, La. Banana holding cup or similar article. 171,421, Feb. 2.
 Parker, Henry G., New Orleans, La. Banana holding cup or similar article. 171,422, Feb. 2.
 Parker, Humphrey F., Buffalo, N. Y. Serving stand. 171,823, Mar. 23.
 Parker, J. Royal, and J. A. Idank, to The Lazy Golfer Corp. 173,230, Cl. D34—5.
 Parkison, Francis G.: *See*—
 Collins, Robert S., and Parkison. 173,557.
 Parr, George D. 172,982, Cl. D13—1.
 Pascale, Pietro A.: *See*—
 Milanese, Victor D., and Pascale. 173,122.
 Patchogue-Plymouth Mills Corporation, assignee: *See*—
 Petroske, John J.
 Patience, Dave, Jr., to Rembrandt Lamp Corp. 172,722, Cl. D48—7.
 Patience, Dave, Jr., to Rembrandt Lamp Corp. 173,078, Cl. D48—7.
 Patience, Dave, Jr., to Rembrandt Lamp Corp. 173,709, Cl. D48—7.
 Patrick, Kenneth A. 173,322, Cl. D44—1.
 Patzke, Adolph: *See*—
 Neumann, George, and Patzke. 173,123.
 Paulus, Howard L., to Wright Mfg. Co. 173,675, Cl. D62—4.
 Pavenick, Abraham. 173,585, Cl. D58—12.

- Payne, Walter B. 172,246, Cl. D34—15.
 Pearl, Curtis F., assignor to Keller Corporation. 171,986, Cl. D34—15.
 Peck, Hyman B. 172,841, Cl. D44—1.
 Pehr, Harold T., Kansas City, Mo. Combined container and slicer. 171,615, Mar. 2.
 Peirce, Rolland E. 172,550, Cl. D35—3.
 Peirce, Rolland E. 172,551, Cl. D33—14.
 Peister, Jacob A. 172,171, Cl. D85—2.
 Peltier, Leslie C., assignor to The Delphos Bending Company, Delphos, Ohio. Child's rocking chair or similar article. 171,458, Feb. 9.
 Pennock, Robert L., Jr., assignor to Heiland Research Corporation. 172,054, Cl. D26—6.
 Pennock, Robert L., Jr., assignor to Heiland Research Corporation. 172,055, Cl. D61—1.
 Penzato, Anna. 172,300, Cl. D9—5.
 Périnet, Jean, Boulogne-sur-Seine, assignor to Societe a Responsabilite Limitee Dite: Marquay, Paris, France. Combined perfume bottle and container therefor. 171,824, Mar. 23.
 Périnet, Jean, Boulogne-sur-Seine, assignor to Societe a Responsabilite Limitee Dite: Marquay, Paris, France. Combined perfume bottle and container therefor. 171,825, Mar. 23.
 Perinet, Jean, to Societe A Responsabilite Limitee Dite: Marquay. 173,371, Cl. D58—9.
 Perkins, Samuel W., Palo Alto, Calif. Candlestick. 171,858, Mar. 30.
 Perl, Frederick W., and W. H. Appel, to Westinghouse Electric Corp. 172,552, Cl. D81—10.
 Perlman, Joseph. 172,476, Cl. D9—2.
 Perrin, Herbert L., to Fortner & Perrin, Inc. 173,676, Cl. D80—8.
 Perry, Frank R., to Oneida Ltd. 173,538, Cl. D54—12.
 Perry, Frank R., to Oneida Ltd. 173,539, Cl. D54—12.
 Perry, Frank R., to Oneida Ltd. 173,540, Cl. D54—12.
 Perry, Frank R., to Oneida Ltd. 173,541, Cl. D54—12.
 Perry, Frank R., to Oneida Ltd. 173,586, Cl. D54—12.
 Peters, Edward T. 172,802, Cl. D85—2.
 Peters, George E. 172,761, Cl. D48—20.
 Peters, Leo. 173,587, Cl. D82—2.
 Peters & Russell, Inc.: See—
 Russell, Linus E. 172,990.
 Peterson, Carl O., and N. J. Spindler, to Watson Mfg. Co., Inc. 172,983, Cl. D33—7.
 Peterson, Teddy J. 172,301, Cl. D12—2.
 Peterson, Ulman B., Pasadena, and W. A. Johnson, Arcadia, Calif. Illuminated tweezers. 171,264, Jan. 5.
 Petronio, Frank R. 173,372, Cl. D48—20.
 Petroske, John J., Methuen, Mass., assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Textile fabric. 171,552, Feb. 23.
 Pettengill, Myron F., assignor to General Electric Company. 171,952, Cl. D48—31.
 Petter, James H., North Bergen, N. J. Pendant scarecrow figure. 171,459, Feb. 9.
 Pettus, Lester R., assignor to F. N. Daggett, doing business as Rowe Tool Company, Glendale, Calif. Lawn edger. 171,859, Mar. 30.
 Petty, Frank to Phil-Mar Corp. 172,762, Cl. D48—20.
 Petty, Frank, to Phil-Mar Corp. 172,984, Cl. D48—20.
 Petty, Frank, to Phil-Mar Corp. 172,985, Cl. D48—20.
 Pfann, Nell M., to I. B. Kleinert Rubber Co. 173,169, Cl. D7—7.
 Phaneuf, Charles H. W., assignor to Packard Motor Car Company. 171,953, Cl. D14—18.
 Phelps, William H. 172,936, Cl. D40—1.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 171,306, Jan. 19.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 171,423, Feb. 2.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or the like. 171,518, Feb. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or the like. 171,519, Feb. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 171,660, Mar. 9.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 171,661, Mar. 9.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 171,722, Mar. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 171,723, Mar. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 171,724, Mar. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 171,725, Mar. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 171,726, Mar. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 171,727, Mar. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or the like. 171,728, Mar. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or the like. 171,729, Mar. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or the like. 171,730, Mar. 16.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a bracelet or the like. 171,814, Mar. 23.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or the like. 171,815, Mar. 23.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a bracelet or the like. 171,816, Mar. 23.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 171,817, Mar. 23.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 171,818, Mar. 23.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 171,819, Mar. 23.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 171,820, Mar. 23.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or the like. 171,821, Mar. 23.
 Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or the like. 171,822, Mar. 23.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,107, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,172, Cl. D45—4.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,173, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,174, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,175, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,176, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,177, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,178, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,179, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,180, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,181, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,182, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,183, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,184, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,185, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,186, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,187, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,188, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,189, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,190, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,191, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,192, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,193, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,194, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,302, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,303, Cl. D45—9.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,304, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,305, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,306, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,307, Cl. D45—19.
 Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,358, Cl. 45—16.

- Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc. 172,359, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,430, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,431, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,432, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,433, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,434, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,435, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,436, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,437, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,438, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,439, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,509, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,510, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,511, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,512, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,513, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,553, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,554, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,555, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,556, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,557, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,558, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,559, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,560, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,561, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,562, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,634, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,635, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,636, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,637, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,638, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,639, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,640, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,641, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,642, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,643, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,644, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,676, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,677, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,678, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,679, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,680, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,681, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,682, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,899, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,900, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,901, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 172,902, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,079, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,080, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,081, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,082, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,083, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,084, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,085, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,086, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,087, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,231, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,232, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,233, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,234, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,235, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,236, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,237, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,238, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,239, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,240, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,241, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,242, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,243, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,273, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,374, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,375, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,376, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,377, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,378, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,379, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,380, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,381, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,382, Cl. D45—16.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,383, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,384, Cl. D45—19.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,508, Cl. D45—9.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,588, Cl. D45—4.
- Philippe, Alfred, to Trifari, Krussman & Fishel, Inc. 173,589, Cl. D45—16.
- Phillips, Leonard R., East Hartford, and W. J. Waeldner, Farmington, Conn., assignors to Anemostat Corporation of America, New York, N. Y. Combined heater, ventilator, and defroster unit. 171,731, Mar. 16.
- Phillips, Richard M., East Peoria, Ill. Chair. 171,265, Jan. 5.
- Phillips, Richard M. 173,590, Cl. D15—1.
- Phil-Maid, Inc., assignee: *See—*
Katz, Seymour. 171,943.
- Phil-Mar Corp.: *See—*
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Petty, Frank. 172,984.
Petty, Frank. 172,985.
- Philp, George H., Wheatridge, Colo. Pivoted tray holder. 171,307, Jan. 19.
- Photo Research Corporation, assignee: *See—*
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- Piacente, Joseph, to Bronco Horse Co. 172,683, Cl. D34—15.
- Pike, Stewart W., to Radio Corp. of America. 173,282, Cl. D26—5.
- Pilkey, Harold W.: *See—*
King, Henry T., and Pilkey. 172,289.
- Pilot Full Fashion Mills, Inc.: *See—*
Pons, Onesime H. 172,645.
- Pinkham, Clarence A., Douglaston, and B. A. Holohan, Kew Gardens, assignors to Nelpin Manufacturing Company, Inc., Long Island City, N. Y. Razor. 171,616, Mar. 2.
- Pinterally, Alfred. 172,986, Cl. D48—20.
- Pisani, George V., assignor to Gerard Industries. 171,954, Cl. D86—9.
- Pitney-Bowes, Inc., assignee: *See—*
Munsie, George R.

- Pittaro, Frederick. 173,763, Cl. D74—1.
 Planeta, Paul H. 172,563, Cl. D44—29.
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 Platt, Edward V., to Paragon Electric Co. 172,440, Cl. D81—10.
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 Hills, David G. 173,431.
 Musel, Robert J., and Carpenter. 172,718.
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 Podall, Robert, assignor to Berns Manufacturing Corporation, Chicago, Ill. Portable humidifier or the like. 171,553, Feb. 23.
 Podall, Robert, assignor to Berns Manufacturing Corporation, Chicago, Ill. Housing for a window ventilator. 171,554, Feb. 23.
 Podall, Robert, assignor to Berns Manufacturing Corporation, Chicago, Ill. Floor type air circulator. 171,555, Feb. 23.
 Podall, Robert, to Berns Mfg. Corp. 172,514, Cl. D26—7.
 Podus, Louis, assignor to Guild Moccasin Corporation, Los Angeles, Calif. Display container or the like. 171,365, Jan. 26.
 Polakoff, Harry. 173,170, Cl. D34—5.
 Polaroid Corp.: *See*—
 Teague, Walter D. 172,730.
 Polincovsky, Jack. 172,108, Cl. D48—27.
 Poling, Franklin G. 173,283, Cl. D34—5.
 Polk, Emil S. 172,723, Cl. D22—3.
 Polk, Emil S. 172,724, Cl. D22—3.
 Polk, Emil S. 172,725, Cl. D48—27.
 Polk, Emil S. 172,726, Cl. D86—10.
 Polk, Emil S. 173,323, Cl. D48—24.
 Polzin, Marvin H., J. A. Geer, and F. E. Fowler. 173,284, Cl. D83—1.
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 Hodgman, Clare E. 173,347.
 Pons, Onesime H., to Pilot Full Fashion Mills, Inc. 172,645, Cl. D47—7.
 Portable Electric Tools, Inc.: *See*—
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 Portanova, Joseph D., to Hoffman Radio Corp. 172,441, Cl. D56—4.
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 Pratt, Harley E., Jr. 172,727, Cl. D3—26.
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 Green, Xan B. K., and Preble. 172,666.
 Green, Xan B. K., and Preble. 173,029.
 Green, Xan B. K., and Preble. 173,153.
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 Prestinari, Eugen, to Gemex Co. 173,171, Cl. D45—4.
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 Price Brothers, Inc., assignee: *See*—
 Nelson, George.
 Price, James R., Centerdale, assignor to Gorham Manufacturing Company, Providence, R. I. Coffeepot. 171,662, Mar. 9.
 Price, James R., assignor to Gorham Manufacturing Company. 172,036, Cl. D36—2.
 Price, James R., assignor to Gorham Manufacturing Company. 172,360, Cl. 48—2.
 Pryne & Company, Incorporated, assignee: *See*—
 Pryne, Ralph. 172,057.
 Pryne, Ralph, assignor to Pryne & Company, Incorporated. 172,057, Cl. D48—16.
 Przeorski, Vincent E. 172,515, Cl. D29—23.
 Pullman-Standard Car Mfg. Co.: *See*—
 Girardy, Alfred B., Norby, and Doman. 173,653.
 Kay, Stanley W.
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 Pyle, Kenneth C., assignor to Champ Products Corporation. 172,401, Cl. D87—3.
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 Quackenbush, Robert C. 173,326.
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 Racicot, Albert R., assignor to National Brush Company, Aurora, Ill. Brush. 171,556, Feb. 23.
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 Rank, Raymond W., Middletown, Pa. Announcement handkerchief. 171,861, Mar. 30.
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 Roberts, Vera V., assignor to Sunset Products, Asheville, N. C. Doll. 171,733, Mar. 16.
 Robins, Seymour. 171,955, Cl. D58—12.6.
 Rochester Shoe Tree Co. Inc., assignee: *See*—
 Baas, Edmund J.
 Rock Hill Printing & Finishing Co.: *See*—
 Feindel, George P. 172,535.
 Rockwood, Donald R., Lancaster, Calif. Tree-felling toy. 171,617, Mar. 2.
 Rodale, Jerome I., and C. L. Smith, Jr. 172,443, Cl. Dodefeld, William H. 173,510, Cl. D85—2.
 Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 171,462, Feb. 9.
 Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 171,463, Feb. 9.
 Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 171,826, Mar. 23.
 Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 171,827, Mar. 23.
 Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 171,828, Mar. 23.
 Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 171,829, Mar. 23.
 Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 171,830, Mar. 23.
 Rodriguez, Emil, assignor to Jacoby-Bender, Inc. 171,956, Cl. D45—4.
 Rodriguez, Emil, to Jacoby-Bender, Inc. 172,648, Cl. D45—4.
 Rodriguez, Emil, to Jacoby-Bender, Inc. 172,649, Cl. D45—4.
 Rodriguez, Emil, to Jacoby-Bender, Inc. 173,127, Cl. D45—4.
 Rodriguez, Emil, to Jacoby-Bender, Inc. 173,128, Cl. D45—4.
 Rogers, Lunt & Bowlen Co.: *See*—
 Bowlen, Nord. 173,184.
 Rollins, Hazelle H., Kansas City, Mo. Toy stage for puppets. 171,367, Jan. 26.
 Rolls Razor Limited, assignee: *See*—
 Kingham, Arthur C. 172,351.
 Kingham, Arthur C. 172,352.
 Ronson Corp.: *See*—
 Aronson, Louis V., II, and Nissen. 173,552.
 Sitterle, Harold F. 173,515.
 Roop, Nathan W., to Columbus Plastic Products, Inc. 173,711, Cl. D44—29.
 Roper, Lowell W. 172,196, Cl. D34—15.
 Rose, Ben. 171,987, Cl. D92—1.
 Rose, Ben. 173,090, Cl. D92—1.
 Rose, Werner P., Oakland, and A. R. Gessinger, Ridgewood, N. J. Dyeing jig. 171,266, Jan. 5.
 Rosen, Fillmore C. 172,565, Cl. D47—7.
 Rosen, Martin. 172,566, Cl. D85—2.
 Rosen, Martin. 173,456, Cl. D44—10.
 Rosen, Martin. 173,511, Cl. D44—15.
 Rosenbaum, Ed. 172,363, Cl. 1—3.
 Rosenberg, Paul H., to Reo Motors, Inc. 172,807, Cl. D40—1.
 Rosenberg, Samuel, Atlantic City, N. J. Flowerpot. 171,664, Mar. 9.
 Rosenberg, Theodore, and H. T. Silverman. 172,311, Cl. D87—3.
 Rosenberg, Theodore, and H. T. Silverman. 172,312, Cl. D87—3.
 Rosenbloom, Milton. 173,129, Cl. D3—4.
 Rosenfeld, Harry, V. Reiter, and M. Deakter. 173,766, Cl. D15—11.
 Rosenthal-Block China Corp., The: *See*—
 Barnhart, A. Baker.
 Barnhart, A. Baker. 171,997.
 Barnhart, A. Baker. 172,075.
 Barnhart, A. Baker. 172,263.
 Barnhart, A. Baker. 172,485—172,489.
 Barnhart, A. Baker. 172,575.
 Ross, Alexander. 173,457, Cl. D87—3.
 Rossman, Joseph. 171,988, Cl. D44—4.
 Rotaprint Ltd.: *See*—
 Kirkbride, Alec B. 173,703.
 Roth, Andrew, Chicago, assignor to Kuehne Manufacturing Co., Mattoon, Ill. Table. 171,618, Mar. 2.
 Roth, Andrew, Chicago, assignor to Kuehne Manufacturing Co., Mattoon, Ill. Table. 171,619, Mar. 2.
 Roth, Andrew, Chicago, assignor to Kuehne Manufacturing Co., Mattoon, Ill. Table. 171,620, Mar. 2.
 Roth, Grant V. W. 172,989, Cl. D72—1.
 Roth, Leo J., Los Angeles, Calif. Desk tray. 171,865, Mar. 30.
 Rothe, Walter F., Washington, D. C. Cup. 171,267, Jan. 5.
 Rothstein, Max, Newton, assignor to The Dav-O-Niter Corp., Melrose, Mass. Sofa bed. 171,368, Jan. 26.
 Rotterdam, Gerald J. 172,767, Cl. D29—28.
 Rowe, Leif A., assignor to Wm. Thoresen Company. 172,197, Cl. D35—3.
 Rowe Mfg. Co., Inc.: *See*—
 Spilman, Raymond, and Morrow. 173,686.
 Rowe Tool Company, assignee: *See*—
 Pettus, Lester R.
 Ruback, Sidney. 173,512, Cl. D48—20.
 Rubin, Noah. 172,905, Cl. D44—10.
 Rubin, Noah. 173,543, Cl. D44—22.
 Rucker, William C., assignor to Commonwealth Cedar Company, Inc., doing business as Cavalier Pencil Company. 172,313, Cl. D74—24.
 Rudin, Leo. 173,458, Cl. D59—2.
 Ruefenacht, Werner. 172,687, Cl. D52—10.
 Rumberg, Victor. 172,808, Cl. D85—2.
 Ruser, William. 172,444, Cl. D45—4.
 Rushforth, Frank. 173,679, Cl. D4—3.
 Ruskin, David. 172,688, Cl. D48—23.
 Russell, Edward P., assignor to Interstate Engineering Corporation, El Segundo, Calif. Floor polishing attachment for vacuum cleaners. 171,424, Feb. 2.
 Russell, Linus E. 172,689, Cl. D46—1.
 Russell, Linus E., to Peters & Russell, Inc. 172,990, Cl. D14—6.
 Russell, William J., assignor to Landers, Frary & Clark, New Britain, Conn. Electric steam iron. 171,621, Mar. 2.
 Rust-Oppenheimer, August, assignee: *See*—
 Harwood, Wallace W. 172,022.
 Rutrick, Julius. 172,110, Cl. D87—3.
 Rutter, Sheldon, Evanston, Ill., assignor to Channel Master Corporation, Ellenville, N. Y. Indoor television antenna. 171,560, Feb. 23.
 Rutter, Sheldon, to Tyler Refrigeration Corp. 172,517, Cl. D80—11.
 Rutter, Sheldon M.: *See*—
 Talge, Henry J., and Rutter. 173,548.

- Ryan, William H. 173,386, Cl. D15—8.
 Sabel, Edward R., C. R. Mayo, and J. D. Guite, to The Haloid Co. 172,906, Cl. D61—1.
 Sackstein, Jacob, Portsmouth, Va. Hammer head. 171,308, Jan. 19.
 Sackstein, Jacob, Portsmouth, Va. Tool handle. 171,309, Jan. 19.
 Sackstein, Jacob. 172,518, Cl. D93—4.
 Sadinoff, Max. 173,041, Cl. D47—6.
 Sadinoff, Max. 173,042, Cl. D47—6.
 Sadinoff, Max. 173,043, Cl. D47—6.
 Sadowsky, Charles. 172,250, Cl. D44—1.
 Sager, Mason M. 173,544, Cl. D45—10.
 Sahlin, Inez W. 173,459, Cl. D3—13.
 Saidel, Helen A. 172,314, Cl. D92—21.
 Sailor, Stewart A., to Virginia Sales, Inc. 172,690, Cl. D2—3.
 Salierno, Vincent. 171,989, Cl. D57—1.
 Salmeri, Vincent. 172,251, Cl. D7—7.
 Salmon, Ernest F. C. 172,364, Cl. 34—5.
 Salmon, Ernest F. C. 172,365, Cl. 34—5.
 Salmon, Ernest F. C. 172,366, Cl. 34—5.
 Salmon, Ernest F. C. 172,367, Cl. 34—5.
 Sames, Joel E.: *See—*
 McGrath, Robert F., Scott, and Sames. 172,978.
 Sams, Herbert W., to Scripto, Inc. 173,460, Cl. D74—17.
 Sand, John F., Newark, assignor to Gemex Company, Union, N. J. Expansible wrist watch bracelet. 171,268, Jan. 5.
 Sandberg, Harry O. 173,091, Cl. D44—24.
 Sandin, Ray C., Northbrook, Ill., assignor to General Electric Company. Laundry machine. 171,310, Jan. 19.
 Sandler, Jacob. 172,315, Cl. D7—7.
 Sanford, John F. 172,316, Cl. D58—9.
 Sargent & Co.: *See—*
 Ellis, Charles A. 173,305.
 Sarna, S. S., Inc., assignee: *See—*
 Sarna, Sajjan S.
 Sarna, Sajjan S., assignor to S. S. Sarna, Inc., New York, N. Y. Combined door knocker and bell. 171,464, Feb. 9.
 Satey, Anna, Detroit, assignor of one-fourth to O. Hall, Hamtramck, one-fourth to M. Blair, Detroit, and one-fourth to M. Flowers, Hamtramck, Mich. Christmas gift stocking. 171,665, Mar. 9.
 Sava, Anthony F. 173,680, Cl. D29—23.
 Savran, Irving, Brooklyn, N. Y., Combined toy blowpipe and target or similar article. 171,831, Mar. 23.
 Scanland, Joseph E., to New Monarch Machine and Stamp- ing Co. 172,938, Cl. D34—15.
 Schaefer, William B., Cincinnati, Ohio. Money clip. 171,311, Jan. 19.
 Schaefer, William B. 173,461, Cl. D80—8.
 Schaefer, Norman I., to Consolidated Diesel Electric Corp. 172,907, Cl. D14—3.
 Scharfenberg, George, assignor to Continental Machines, Inc. 172,198, Cl. D58—12.
 Scheer, Harry, and J. A. Hill, to Superior Plastics Inc. 172,842, Cl. D29—23.
 Scheer, Harry, and J. A. Hill, to Superior Plastics Inc. 172,843, Cl. D44—22.
 Scheer, Harry, and J. A. Hill, to Superior Plastics Inc. 172,844, Cl. D29—23.
 Schenley Industries, Inc.: *See—*
 Du Pree, Ernest L.
 Du Pree, Ernest L. 172,089.
 Du Pree, Ernest L. 172,868.
 Du Pree, Ernest L. 172,869.
 Du Pree, Ernest L. 172,954.
 Du Pree, Ernest L., and Goldstein.
 Scheynost, Rudolph, Chicago, Ill. Table lamp. 171,734, Mar. 16.
 Schick, Altha M. 172,519, Cl. D3—10.
 Schick Incorporated, assignee: *See—*
 Otto, Carl L. 172,169.
 Schiller, Charles P. 172,939, Cl. D22—3.
 Schladermundt, Peter: *See—*
 Wark, John D., and Schladermundt. 172,912.
 Schlage, Ernest L., to Schlage Lock Co. 173,628, Cl. D50—6.
 Schlage, Ernest L., to Schlage Lock Co. 173,629, Cl. D50—6.
 Schlage Lock Co.: *See—*
 Schlage, Ernest L. 173,628.
 Schlage, Ernest L. 173,629.
 Schmidt, Edward F., to Blatz Brewing Co. 173,285, Cl. D1—12.
 Schmidt, Edward F., to Blatz Brewing Co. 173,513, Cl. D1—12.
 Schmitt, Joy B., Somerset, Pa., and A. J. Attinger, assign- ors to The De Vibiss Company, Toledo, Ohio. Electric vaporizer. 171,312, Jan. 19.
 Schmoller, Robert L. 173,462, Cl. D9—6.
 Schnitzer, Louis M., to Everlast Metal Products Corp. 173,387, Cl. D44—15.
 Schoenfeld, Joseph. 173,130, Cl. D44—29.
 Schoenwald, Alexander, assignor to P. Wall Mfg. Com- pany. 172,199, Cl. D26—1.
 Schotland, Murray, New York, N. Y. Hairbrush. 171,735, Mar. 16.
 Schotland, Murray. 172,567, Cl. D9—2.
 Schrader, William O. 173,767, Cl. D56—4.
 Schreckengost, Viktor, Cleveland, Ohio, assignor to Holo- phane Company, Inc., New York, N. Y. Lighting fixture lens. 171,866, Mar. 30.
 Schreckengost, Viktor, to The Consolidated Iron-Steel Mfg. Co. 173,092, Cl. D44—1.
 Schreckengost, Viktor, to The Consolidated Iron-Steel Mfg. Co. 173,093, Cl. D44—1.
 Schreckengost, Viktor, to The Consolidated Iron-Steel Mfg. Co. 173,094, Cl. D44—1.
 Schreckengost, Viktor, to The Consolidated Iron-Steel Mfg. Co. 173,131, Cl. D44—1.
 Schroeder, Frank J., Rochester, N. Y. Combined ash tray and receptacle for smoking materials. 171,465, Feb. 9.
 Schultheiss, Edward. 172,908, Cl. D3—17.
 Schur, Frederick P., Arlington, Va. Cover for a hot-water bottle. 171,466, Feb. 9.
 Schwaneke, Fred C., to Dormeyer Corp. 172,991, Cl. D81—10.
 Schwaneke, Fred C. 173,681, Cl. D44—26.
 Schwankhaus, Paul A., to Elgin National Watch Co. 172,992, Cl. D42—8.
 Schwartz, Edwin L.: *See—*
 Frees, David, and Schwartz. 173,422.
 Schwartz, Nathan R. 172,809, Cl. D48—20.
 Schwartz, Sam. 171,990, Cl. D34—2.
 Schwartz, Werner W., to Consolidated Sewing Machine Corp. 172,650, Cl. D70—2.
 Schwarz, Willy. 172,111, Cl. D29—23.
 Schwarz, Willy. 173,514, Cl. D29—23.
 Schwedes, Lawrence R., assignee: *See—*
 Radebaugh, Edgar R. 172,308.
 Schwennicke, Franz. 172,520, Cl. D87—5.
 Schwertfeger, Walter J.: *See—*
 Prentice, Howard K., and Schwertfeger. 172,400.
 Scott, Frank E.: *See—*
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 Sams, Herbert W. 173,460.
 Sears, Roebuck and Co.: *See—*
 Duncan, Alan W. 171,970.
 Golden, Harry H. 173,566.
 Seaver, Frederic N. 172,445, Cl. D14—24.
 Se Bastian, Ford, assignor to Electro-Snap Switch & Mfg. Co., Chicago, Ill. Coin-controlled amusement apparatus in the nature of a riding device. 171,832, Mar. 23.
 Seeger Refrigerator Co.: *See—*
 Ferar, Montgomery. 173,418.
 Seelye, Arthur T., to Johnson Nut Co. 173,388, Cl. D80—9.
 Self Winding Clock Co., Inc.: *See—*
 Cagen, George. 173,639.
 Sellers, Verne L. 172,810, Cl. D34—5.
 Semca Clock Co., Inc., assignee: *See—*
 Kaufman, Samuel J.
 Semensohn, Raymonde, assignor to Marcel Boucher et Cie, New York, N. Y. Brooch or similar article. 171,425, Feb. 2.
 Semensohn, Raymonde, assignor to Marcel Boucher et Cie, New York, N. Y. Brooch or similar article. 171,467, Feb. 9.
 Semensohn, Raymonde, assignor to Marcel Boucher et Cie, New York, N. Y. Brooch or similar article. 171,622, Mar. 2.
 Setzer, David H., assignor to Waldensian Hosiery Mills, Incorporated, Valdese, N. C. Lady's stocking. 171,313, Jan. 19.
 Seymour, Philip M. 172,993, Cl. D80—9.
 Shaeffer, Norbert, to Utility Appliance Corp. 173,044, Cl. D62—4.
 Shaffer, Paul B., to General Electric Co. 173,682, Cl. D26—5.
 Shafter, Adolph F., to United States Mfg. Corp. 173,174, Cl. D31—3.
 Shain, Jack. 173,768, Cl. D47—2.
 Shain, Jack. 173,769, Cl. D47—2.
 Shalkhauser, Eric G. 172,994, Cl. D34—5.
 Shalkhauser, Eric G. 173,244, Cl. D34—5.
 Shaw, Evan K., Manhattan Beach, R. Y. Allen, Pacific Palisades, and M. Shaw, Beverly Hills, assignors to Metlox Mfg. Co., Manhattan Beach, Calif. Dinner plate. 171,666, Mar. 9.
 Shaw, Melvin: *See—*
 Allen, Robert Y., and Shaw. 172,695.
 Shaw, Evan K., Allen, and M. Shaw.
 Shaw and Slaysky, Inc.: *See—*
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 Sheffield, Frederick T., to Wm. H. Singleton Co., Inc. 172,446, Cl. D4—4.
 Sheldon, E. H., & Co.: *See—*
 Carlson, Arthur W.
 Morrison, Robert B. 173,281.
 Shellman, Norman C. 172,317, Cl. D25—1.
 Sherman, Jack. 173,389, Cl. D15—1.
 Sherman, Jack. 173,390, Cl. D15—1.
 Sherman, Jack. 173,391, Cl. D15—1.
 Sherman, Jack. 173,392, Cl. D15—1.
 Sherman, Jack. 173,393, Cl. D15—11.
 Sherman, Ralston M., to The Silent Glow Oil Burner Corp. 173,463, Cl. D81—2.
 Sherwin-Williams Co., The: *See—*
 Knapp, Stephen, Jr. 173,312.
 Knapp, Stephen, Jr. 173,313.

- Shipton, Edward, Northwood Hills, England. Electric sound recording and reproducing machine. 171,868, Mar. 30.
- Shnitzler, Meyer J. 172,252, Cl. D22—3.
- Shoemaker, Calvin D. 172,112, Cl. D71—1.
- Shopmaster, Inc.: *See*—
Beale, Dorr D., Johnson, and Allen. 172,530.
- Shore, Samuel, to United Public Markets, Inc. 173,394, Cl. D59—6.
- Shostak, Louis K. 172,368, Cl. D13—1.
- Shulman, Myana F., Baltimore, Md. Book end or similar article. 171,426, Feb. 2.
- Shuttleworth, Sterling W. 172,447, Cl. D3—13.
- Siebert, Raymond C. 173,593, Cl. D72—1.
- Siegler, Eugene G. and R. J., Marion County, Ill. Gas fired space heater. 171,314, Jan. 19.
- Siegler, Raymond J.: *See*—
Siegler, Eugene G. and R. J.
- Signal-Craft, Inc.: *See*—
Arbib, Richard. 173,133.
- Signal Manufacturing Co., assignee: *See*—
Hallward, Michael.
- Silberstein, Jesse: *See*—
Friedmann, Arnold. 173,697.
- Silberstein, Nancy C.: *See*—
Friedmann, Arnold. 173,697.
- Silent Glow Oil Burner Corp., The: *See*—
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- Silletti, Nicholas J. 172,480, Cl. D44—29.
- Silver, Myer S. 173,286, Cl. D7—7.
- Silverman, Harry T.: *See*—
Rosenberg, Theodore, and Silverman. 172,311.
Rosenberg, Theodore, and Silverman. 172,312.
- Silverman, Rhoda S. 172,995, Cl. D33—7.
- Simmons, Ruth D. 172,481, Cl. D86—10.
- Simon, Sidney, Los Angeles, Calif. Combined toothpaste, toothbrush, and razor rack. 171,468, Feb. 9.
- Simovich, Tom P. 173,630, Cl. D14—3.
- Simpson, Paul F., assignor to The Autoyre Company. 172,318, Cl. D4—3.
- Simpson, Paul F., to The Autoyre Co. 173,395, Cl. D4—3.
- Simpson, Paul F., to The Autoyre Co. 173,684, Cl. D4—3.
- Singer Mfg. Co., The: *See*—
Park, Malcolm S. 173,369.
Park, Malcolm S. 173,370.
Park, Malcolm S. 173,762.
- Singleton, Wm. H., Co., Inc.: *See*—
Sheffield, Frederick T. 172,446.
- Sinko, John, to Sinko Mfg. & Tool Co. 173,683, Cl. D14—30.
- Sinko Mfg. & Tool Co.: *See*—
Sinko, John. 173,683.
- Sitterle, Harold F., to Ronson Corp. 173,515, Cl. D48—27.
- Skelly, Harry L., and E. Freedman, Reno, Nev. Casing for an amusement game apparatus. 171,623, Mar. 2.
- Skrach, Alphonse J., to Florence Formica. 173,464, Cl. D35—3.
- Slade, Samuel: *See*—
Mellor, William, and Slade. 173,320.
- Slaton, Leo R. 173,287, Cl. D29—23.
- Slavin, John, to Barton Distilling Co. 172,691, Cl. D58—6.
- Slavsky, Robert J., to Shaw and Slavsky, Inc. 172,845, Cl. D33—3.
- Small, Douglas M.: *See*—
Le Febvre, Alfred L., and Small.
- Smallman, Samuel J. 172,319, Cl. D87—3.
- Smart, Snow W. 173,045, Cl. D57—7.
- Smisson, William P., Kokomo, Ind. Wheel balancing weight. 171,561, Feb. 23.
- Smith, A. L., Iron Co.: *See*—
Kruger, Michael H., and Gilman. 173,500.
- Smith, Charles: *See*—
Childers, Robert A., Miller, and Smith.
- Smith, Charles L., Jr.: *See*—
Rodale, Jerome I., and Smith. 172,443.
- Smith, J. P., Shoe Co.: *See*—
Lipton, Henry. 172,628.
- Smith, Larry S. 172,200, Cl. D52—3.
- Smith, Leonard C. 171,914, Cl. D44—1.
- Smith, Lionel C. 172,482, Cl. D44—29.
- Smith, Luke J., Jr.: *See*—
Brandon, Thomas O., Gerould, Long, and Smith. 172,416.
- Smith, Mainard L., to The Goodyear Tire & Rubber Co. 172,996, Cl. D90—20.
- Smith, Norman L. 172,113, Cl. D86—10.
- Smith, Robert L. 173,545, Cl. D86—9.
- Smith, Sewall, Lafayette, Calif. Game board. 171,624, Mar. 2.
- Snow, Albert E. 172,402, Cl. D14—3.
- Snyder, Mahlon C., Hamburg, N. Y. Fuel tank and holder therefor. 171,427, Feb. 2.
- Societe A Responsabilite Limitee Dite: Marquay: *See*—
Perinet, Jean.
Perinet, Jean. 173,371.
- Societe Anonyme Biki: *See*—
Bouyeure, Elvira. 172,778.
- Solux Corp.: *See*—
Spinetta, Anthony E. 173,631.
- Sonntag, Orville C.: *See*—
Markman, Milton K., Adler, and Sonntag.
- Sonograph Ltd.: *See*—
McVay, James I. 173,367.
- Sorensen, Knud. 173,245, Cl. D33—9.
- Sorrentino, Vincent, Barrington, R. I., assignor to Uncas Manufacturing Company. Finger ring. 171,869, Mar. 30.
- Sorrentino, Vincent, assignor to Uncas Manufacturing Company. 172,114, Cl. D45—10.
- Spalding, A. G., & Bros. Inc.: *See*—
Brandon, Thomas O., Gerould, Long, and Smith. 172,416.
- Spatz, Walter B., to Frawley Corp. 172,846, Cl. D74—1.
- Spatz, Walter B., to Frawley Corp. 172,847, Cl. D74—1.
- Speare's, Alden, Sons Co., The: *See*—
Hussar, Joseph P. 173,204.
- Speck, Kurt, to Jacques Kreisler Mfg. Corp. 172,729, Cl. D45—4.
- Speck, Kurt, to Jacques Kreisler Mfg. Corp. 172,811, Cl. D45—4.
- Speed, Virgil U., Orient, Iowa. Pendant or similar article. 171,667, Mar. 9.
- Speidel Corp.: *See*—
Augenstein, Karl C.
Augenstein, Karl C. 172,073.
Augenstein, Karl C. 173,252.
- Spence, Edmond J., to Rembrandt Lamp Corp. 172,521, Cl. D48—7.
- Sperry Corp., The: *See*—
West, James R. 173,246.
- Spilman, Raymond, H. S. Jones, and C. F. Stephenson, to Standard-Toch Chemicals, Inc. 173,685, Cl. D52—2.
- Spilman, Raymond, and A. R. Morrow, to Rowe Mfg. Co., Inc. 173,686, Cl. D52—3.
- Spilo, Leon A., assignor to Clairol Incorporated, New York, N. Y. Applicator. 171,668, Mar. 9.
- Spilo, Leon A., assignor to Clairol Incorporated, New York, N. Y. Applicator. 171,669, Mar. 9.
- Spindler, Norman J.: *See*—
Peterson, Carl O., and Spindler. 172,983.
- Spinetta, Anthony E., to Solux Corp. 173,631, Cl. D48—20.
- Spitzer, Albert A. K. 171,957, Cl. D54—14.
- Spooner, Daniel. 171,958, Cl. D42—1.
- Spound, Albert M. 172,812, Cl. D15—11.
- Spradling, Joseph W.: *See*—
Berry, Richard C., and Spradling. 172,264.
- Spradling, Thomas W., Sappington, Mo. Lady's utility bag. 171,520, Feb. 16.
- Spuehler, Ernst A., Elgin, Ill. Bottle. 171,269, Jan. 5.
- Spurgeon, Richard C. and R. M. 173,516, Cl. D47—7.
- Spurgeon, Richard C. and R. M. 173,517, Cl. D47—7.
- Spurgeon, Richard M.: *See*—
Spurgeon, Richard C. and R. M. 173,516.
Spurgeon, Richard C. and R. M. 173,517.
- Square D Company, assignee: *See*—
Sundberg, Carl W.
- Stach, Charles, Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Raised deck ball lift skill game. 171,736, Mar. 16.
- Stafford, Rogers T.: *See*—
Watson, John R., and Stafford.
- Stahl, Bonnie M. 172,568, Cl. D33—8.
- Stahl, Harold L. 173,095, Cl. D48—20.
- Stainless Steel Products, Inc.: *See*—
Harmon, Frank C. 173,154.
- Stallings, George W. 172,997, Cl. D74—9.
- Standard-Toch Chemicals, Inc.: *See*—
Spilman, Raymond, Jones, and Stephenson. 173,685.
- Stanley Home Products, Inc., assignee: *See*—
Le Febvre, Alfred L. 172,099.
Le Febvre, Alfred L., and Small.
- Stapp, Kenneth L. 171,915, Cl. D80—2.
- Stark, Karen. 173,096, Cl. D3—26.
- Stark, Karen. 173,097, Cl. D3—26.
- Stark, Theodore H.: *See*—
Brooks, Albert E., Bacon, and Stark. 173,255.
- Staveley, Wilford. 172,201, Cl. D15—1.
- Steckler, Atlee P. 172,369, Cl. D80—5.
- Steinmetz, William A. 172,063, Cl. D74—1.
- Stelzer, William. 172,909, Cl. D52—10.
- Stelzer, William. 173,518, Cl. D74—1.
- Stensgaard, W. L., and Associates, Inc., assignee: *See*—
La Barre, Ernell W. 171,897.
- Stephenson, Charles F.: *See*—
Spilman, Raymond, Jones, and Stephenson. 173,685.
- Sterling Motels Co.: *See*—
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- Stert, Howard L., Burbank, Calif. Wall shelf or similar article. 171,870, Mar. 30.
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- Stevenson, Perry E. 172,202, Cl. D44—29.
- Stewart, Raymond J. 172,448, Cl. D4—4.
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- Stier, Farol M. 173,594, Cl. D3—3.

- Stiffel Co., The: *See*—
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 Story, Clarence B., Savage, assignor of one-half to J. Kolodny, Baltimore, Md. Combination lamp and television antenna. 171,315, Jan. 19.
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 Sundberg, Carl W., assignor to Whirlpool Corporation. 172,404, Cl. D49—1.
 Sundberg, Carl W., to The Louis Allis Co. 172,769, Cl. D26—5.
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 Teague, Merwyn C., assignor to United States Rubber Company. 172,254, Cl. D7—4.
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 Wilson, Lawrence H., to Admiral Corp. 173,248, Cl. D62—4.
 Wilson, Milton A.: *See*—
 172,484, Cl. D7—7.
 Wilson, Peter H. 171,993, Cl. D91—3.
 Wilson, Peter H. 172,119, Cl. D78—1.
 Wilson, W. F., assignee: *See*—
 McCormick, Karl. 172,294.
 Winger, Lorin D., Bremerton, Wash. Game board. 171,873, Mar. 30.
 Winslow, Edward H.: *See*—
 Fuller, Bradley, and Winslow. 172,920.
 Winter, Otto, assignor to Olympia Werke G. m. b. H. 172,205, Cl. D87—5.
 Wirtz Company, assignee: *See*—
 Wirtz, Robert W.
 Wirtz, Robert W., assignor to Wirtz Company, Peoria, Ill. Photocomposing machine or the like. 171,674, Mar. 9.
 Wise, Peter J.: *See*—
 Glanvill, Roy, and Wise. 172,747.
 Wisotsky, Harry A., Brooklyn, assignor to Hollywood Novelty Company, Inc., New York, N. Y. Novelty container for a ball-point pen, lipstick, or the like. 171,675, Mar. 9.
 Wissman, Reuben E., assignor to The Minster Machine Company, Minster, Ohio. Press. 171,474, Feb. 9.
 Wiswell, Grant A., Burlingame, Calif. Toy traffic light. 171,738, Mar. 16.
 Wiswell, Grant A., assignor to Wiswell Safety Centerline, Inc. 172,324, Cl. D72—1.
 Wiswell Safety Centerline, Inc., assignee: *See*—
 Wiswell, Grant A. 172,324.
 Withers, Margaret C. 172,855, Cl. D81—10.
 Witmer, Florence C. 173,690, Cl. D45—19.
 Wittmann, Robert A., to Hardwicke Stove Co. 172,856, Cl. D81—10.
 Wolf, Arnold M., J. L. Strauss, and J. F. Fleming, to Dearborn Stove Co. 173,401, Cl. D62—4.
 Wolf, William, to Quaker Lace Co. 173,049, Cl. D92—26.
 Wolfe, Robert L.: *See*—
 Horvath, Anthony G., Kuner, and Wolfe.
 Wood, Betty: *See*—
 Wood, Thomas H., Jr. 172,941.
 Wood, Thomas H., Jr., 10% to B. Wood. 172,941, Cl. D34—4.
 Wooden, John A. 173,599, Cl. D26—7.
 Woodruff, Alvin. 172,655, Cl. D93—3.
 Woodward, Philip B., Laguna Beach, Calif. Baby food can warmer. 171,739, Mar. 16.
 Woofter, Cecil B., assignor to Brown & Bigelow. 172,377, Cl. 22—3.
 Woofter, Cecil B., to Brown & Bigelow. 173,249, Cl. D85—2.
 Woolsey, George R., Norwalk, assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Ash tray or similar article. 171,676, Mar. 9.
 World's Best Broiler Brazier Mfg. Co., Ltd., assignee: *See*—
 Harrel, Dean S.
 Wrablica, Paul, Jr. 173,550, Cl. D62—4.
 Wright, Carl E. 171,960, Cl. D34—15.
 Wright, Laura B. 173,177, Cl. D3—4.
 Wright Mfg. Co.: *See*—
 Paulus, Howard L. 173,675.
 Wylie, William H., Oklahoma City, Okla. Asphalt patching machine. 171,566, Feb. 23.
 Yarger, Milton R., Morgantown, W. Va. Combination stand and table. 171,475, Feb. 9.
 Yellen, Inc.: *See*—
 Yellen, Maxwell. 172,857.
 Yellen, Maxwell. 172,858.
 Yellen, Maxwell, to Yellen, Inc. 172,857, Cl. D15—8.
 Yellen, Maxwell, to Yellen, Inc. 172,858, Cl. D15—8.
 Yellin, Bernard, assignor to Bernard Edward Co., Chicago, Ill. Fence. 171,325, Jan. 26.

- Yellin, Bernard, assignor to Bernard Edward Co., Chicago, Ill. Bird cage. 171,740, Mar. 16.
 Yellin, Bernard, to Bernard Edward Co. 173,003, Cl. D35—3.
 Yellin, Bernard, to Bernard Edward Co. 173,004, Cl. D35—3.
 Yellin, Bernard, to Bernard Edward Co. 173,005, Cl. D35—3.
 Yellin, Bernard, to Bernard Edward Co. 173,402, Cl. D35—3.
 Young, William T. 172,573, Cl. D36—8.
 Zarzana, Bernard J., and R. T. Turner, Whittier, Calif. Glass rack. 171,567, Feb. 23.
 Zedick, Mike. 171,919, Cl. D56—4.
 Zenith Plastics Company, assignee: *See—*
 Brucker, Milton.
 Zenith Radio Corp.: *See—*
 Budlong, Robert D. 172,661.
 De Young, Jack.
 Zeveloff, Leo L., assignor to Automatic Projection Corp., New York, N. Y. Slide and film strip projector. 171,874, Mar. 30.
 Zigman, Samuel H., assignor to Goodwear Leather Coat Company, Inc. 172,413, Cl. D3—19.
 Zimmer, Carl G. 172,355, Cl. 74—21.
 Zimmerman, Allan. 171,920, Cl. D92—1.
 Zimmerman, Allan. 171,961, Cl. D92—1.
 Zimmerman, Allan. 173,250, Cl. D92—1.
 Zimmerman, Charles H., assignor to Zimmerman Packing Company, Norwood, Ohio. Gasket cutter blade. 171,522, Feb. 16.
 Zimmerman, Haven M.: *See—*
 Greenlee, Delbert L., Zimmerman, and Greenlee.
 Zimmerman Packing Company, assignee: *See—*
 Zimmerman, Charles H.
 Zimmermann, Herbert P., Amityville, N. Y., assignor to The General Fireproofing Company, Youngstown, Ohio. Desk. 171,630, Mar. 2.
 Zipkin, Bernard. 172,528, Cl. D74—9.
 Ziskin, Manuel S., and R. B. Billig, assignors to Kromex Corporation. 171,985, Cl. D44—1.
 Zon, Louis A. 172,735, Cl. D13—1.
 Zrust, Le Roy G., assignee: *See—*
 Darr, Harold W.
 Zuazua, Raymond. 172,455, Cl. D48—20.
 Zuckerman, Herman. 172,120, Cl. D57—1.



1954

LIST OF PLANT PATENTEEES

- Anderson, Frederic W., Merced, Calif. Peach tree. 1,247, Jan. 26.
- Anderson, Frederic W., Merced, Calif. Nectarine tree. 1,248, Feb. 2.
- Anderson, Frederic W., Merced, Calif. Nectarine tree. 1,249, Feb. 2.
- Anderson, Frederic W., Merced, Calif. Nectarine tree. 1,265, Mar. 23.
- Anderson, Frederic W. 1,324, Cl. 47—62.
- Anderson, Frederic W. 1,326, Cl. 47—62.
- Anderson, Frederic W. 1,327, Cl. 47—62.
- Armstrong Nurseries, Inc.: *See—*
- Swim, Herbert C. 1,268.
 - Swim, Herbert C. 1,277.
 - Swim, Herbert C. 1,280.
 - Swim, Herbert C. 1,291.
 - Swim, Herbert C. 1,292.
- Arnesen, Edward B., assignee: *See—*
- Lodge, John R. 1,281.
- Arp Nursey Company, assignee: *See—*
- Swim, Herbert C.
 - Swim, Herbert C. 1,269.
- Bees Ltd.: *See—*
- Fraser, Alfred J. 1,294.
- Bobbink Nurseries, Inc.: *See—*
- Varden, Owen H. 1,322.
- Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,251, Feb. 16.
- Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,252, Feb. 16.
- Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,253, Feb. 16.
- Boerner, Eugene S., to Jackson & Perkins Co. 1,284, Cl. 47—61.
- Boerner, Eugene S., to Jackson & Perkins Co. 1,285, Cl. 47—61.
- Boerner, Eugene S., to Jackson & Perkins Co., Newark, N. Y. 1,286, Cl. 47—61.
- Boerner, Eugene S., to Jackson & Perkins Co. 1,305, Cl. 47—60.
- Boerner, Eugene S., to Jackson & Perkins Co. 1,306, Cl. 47—60.
- Boerner, Eugene S., to Jackson & Perkins Co. 1,307, Cl. 47—60.
- Boerner, Eugene S., to Jackson & Perkins Co. 1,310 Cl. 47—60.
- Boerner, Eugene S., to Jackson & Perkins Co. 1,317, Cl. 47—61.
- Boerner, Eugene S., to Jackson & Perkins Co. 1,318, Cl. 47—61.
- Boerner, Eugene S., to Jackson & Perkins Co. 1,319, Cl. 47—61.
- Boerner, Eugene S., to Jackson & Perkins Co. 1,320, Cl. 47—61.
- Bosley, Edith C., assignee: *See—*
- O'Neal, Conrad C.
- Boyce Thompson Institute For Plant Research, Inc.: *See—*
- Chandler, Florence C. 1,330—34.
- Breedlove Nurseries, assignee: *See—*
- Swim, Herbert C.
- Bristow, Maude P., to Gulf Stream Products, Inc. 1,328, Cl. 47—60.
- Brownell, Josephine D., Little Compton, R. I. Rose plant. 1,261, Mar. 2.
- Brownell, Josephine D., Little Compton, R. I. Rose plant. 1,262, Mar. 2.
- Brownell, Josephine D., Little Compton, R. I. Rose plant. 1,263, Mar. 2.
- Brownell, Josephine D. 1,273, Cl. 47—61.
- Brownell, Josephine D. 1,295, Cl. 47—61.
- Brownell, Josephine D. 1,296, Cl. 47—61.
- Brownell, Josephine D. 1,297, Cl. 47—61.
- Burkey, Harold I. 1,270, Cl. 47—60.
- Byrum, Roy L., to Joseph H. Hill Co. 1,336, Cl. 47—61.
- California Camellia Gardens, assignee: *See—*
- Lodge, John R. 1,281.
- Campbell, Harold R. 1,274, Cl. 47—61.
- Chandler, Florence C., to Boyce Thompson Institute For Plant Research, Inc. 1,330, Cl. 47—60.
- Chandler, Florence C., to Boyce Thompson Institute For Plant Research, Inc. 1,331, Cl. 47—60.
- Chandler, Florence C., to Boyce Thompson Institute For Plant Research, Inc. 1,332, Cl. 47—60.
- Chandler, Florence C., to Boyce Thompson Institute For Plant Research, Inc. 1,333, Cl. 47—60.
- Chandler, Florence C., to Boyce Thompson Institute For Plant Research, Inc. 1,334, Cl. 47—60.
- Cole, David B., to The Cole Nursery Co. 1,313, Cl. 47—59.
- Cole Nursery Co., The: *See—*
- Cole, David B. 1,313.
- Columbia & Okanogan Nursery Company, assignee: *See—*
- Plough, Walter D. 1,278.
- Conard-Pyle Co., The: *See—*
- De Vink, John. 1,293.
 - Meilland, Francis.
 - Meilland, Francis. 1,298.
- Dering, Eldon P.: *See—*
- Von Abrams, Gordon J. 1,299.
 - Eddie, Henry M. 1,314.
- Descanso Distributors, Inc., assignee: *See—*
- Lammerts, Walter E.
- De Vink, John, to The Conard-Pyle Co. 1,293, Cl. 47—61.
- Eddie, Henry M., deceased (J. H. Eddie, executor), to E. P. Dering, d. b. a. Peterson & Dering. 1,314, Cl. 47—61.
- Eddie, J. Henry: *See—*
- Eddie, Henry M. 1,314.
- Eveleens Maarse, Dirk, Aalsmeer, Netherlands, assignor of one-third to A. Kluis, one-third to J. H. Kluis, and one-third to F. M. Kluis, Pompton Plains, N. J. *Syringa vulgaris* plant. 1,242, Jan. 19.
- Evergreen Gardens, The, assignee: *See—*
- McGuire, Orvid E. 1,271.
 - McGuire, Orvid E. 1,272.
- Fraser, Alfred J., to Bees Ltd. 1,294, Cl. 47—61.
- Fujihara, Paul K., Del Rey, Calif. Grapevine. 1,250, Feb. 9.
- Garabedian, John M. 1,287, Cl. 47—62.
- Germain's, Inc., assignee: *See—*
- Lammerts, Walter E.
- Greer, Daniel J. 1,288, Cl. 47—59.
- Gulf Stream Nursery, Inc., assignee: *See—*
- Jackman, George. 1,275.
 - Talley, Robert H., Jr. 1,267.
- Gulf Stream Products, Inc.: *See—*
- Bristow, Maude P.
- Hahn, Walter S. 1,290, Cl. 47—59.
- Harris, Cliff: *See—*
- Rubel, Robert O., Jr. 1,303.
 - Rubel, Robert O., Jr. 1,308.
 - Rubel, Robert O., Jr. 1,312.
- Hauenstein, W., Sohne, assignee: *See—*
- Romy, Robert.
- Hemet Wholesale: *See—*
- Lindquist, Robert V. 1,304.
- Henderickx, Fritz A., to Bobbink Nurseries, Inc. 1,311, Cl. 47—59.
- Hill, E. G., Co., Inc.: *See—*
- Jelly, Robert G. 1,315.
 - Jelly, Robert G. 1,316.
- Hill, Joseph H., Co.: *See—*
- Byrum, Roy L. 1,336.
- Jackman, George, assignor to Gulf Stream Nursery, Inc. 1,275, Cl. 47—62.
- Jackson & Perkins Co.: *See—*
- Boerner, Eugene S.
 - Boerner, Eugene S. 1,284.
 - Boerner, Eugene S. 1,285.
 - Boerner, Eugene S. 1,286.
 - Boerner, Eugene S. 1,305.
 - Boerner, Eugene S. 1,306.
 - Boerner, Eugene S. 1,307.
 - Boerner, Eugene S. 1,310.
 - Boerner, Eugene S. 1,317.
 - Boerner, Eugene S. 1,318.
 - Boerner, Eugene S. 1,319.
 - Boerner, Eugene S. 1,320.
- Jelly, Robert G., to E. G. Hill Co., Inc. 1,315, Cl. 47—61.
- Jelly, Robert G., to E. G. Hill Co., Inc. 1,316, Cl. 47—61.
- Kasuga, Taijiro, Sandy, Utah. Strawberry plant. 1,264, Mar. 2.
- Kluis, Anthonie, assignee: *See—*
- Eveleens Maarse, Dirk.
- Kluis, Frits M., assignee: *See—*
- Eveleens Maarse, Dirk.
- Kluis, Johan H., assignee: *See—*
- Eveleens Maarse, Dirk.
- Lammerts, Walter E., assignor to Descanso Distributors, Inc., La Canada, Calif. Lilac plant. 1,238, Jan. 5.
- Lammerts, Walter E., assignor to Descanso Distributors, Inc., La Canada, Calif. Rose plant. 1,239, Jan. 5.
- Lammerts, Walter E., La Canada, assignor, by mesne assignments, to Germain's, Inc., Van Nuys, Calif. Rose plant. 1,259, Feb. 23.
- Lammerts, Walter E., assignor to Roseway Nurseries. 1,279, Cl. 47—61.
- Lindquist, Robert V., to Hemet Wholesale. 1,304, Cl. 47—61.

- Lodge, John R., assignor to E. B. Arnesen, doing business as California Camellia Gardens. 1,281, Cl. 47—60.
- Marmon, Edwin A., assignor to Louis J. Marmon Co., Inc., Springfield, N. J. Rose plant. 1,260, Mar. 2.
- Marmon, Louis J., Co., Inc., assignee: *See—*
Marmon, Edwin A.
- McGuire, Orvid E., assignor to The Evergreen Gardens. 1,271, Cl. 47—59.
- McGuire, Orvid E., assignor to The Evergreen Gardens. 1,272, Cl. 47—59.
- McReynolds, Hudson J., and O. L. Peacock. 1,276, Cl. 47—62.
- Meilland, Francis, Cap Azura, Cap d'Antibes, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 1,244, Jan. 19.
- Meilland, Francis, to The Conard-Pyle Co. 1,298, Cl. 47—61.
- Merrill, Grant, Red Bluff, Calif. Peach tree. 1,245, Jan. 19.
- Merrill, Grant, Red Bluff, Calif. Peach tree. 1,246, Jan. 19.
- Merrill, Grant, Red Bluff, Calif. Nectarine tree. 1,256, Feb. 16.
- Merrill, Grant, Red Bluff, Calif. Peach tree. 1,257, Feb. 16.
- Merrill, Grant. 1,338, Cl. 47—62.
- Moore, Ralph S. 1,301, Cl. 47—61.
- Moore, Ralph S. 1,302, Cl. 47—61.
- Moore, Ralph S. 1,335, Cl. 47—61.
- Motose, Thomas E. 1,323, Cl. 47—61.
- Obertello, Orlando. 1,289, Cl. 47—61.
- O'Neal, Conrad C., near North Canton, assignor to Edith C. Bosley, Mentor, Ohio. Rose plant. 1,240, Jan. 12.
- Peacock, Oliver L.: *See—*
McReynolds, Hudson J., and Peacock. 1,276.
- Peterson & Dering: *See—*
Eddie, Henry M. 1,314.
- Von Abrams, Gordon J. 1,299.
- Plough, Walter D., assignor to Columbia & Okanogan Nursery Company. 1,278, Cl. 47—62.
- Podesta, John A., San Leandro, Calif. Rose plant. 1,243, Jan. 19.
- Ritter, Alexander S., Brielle, N. J. Philodendron plant. 1,266, Mar. 23.
- Rokos, Bogustus J. 1,282, Cl. 47—61.
- Romy, Robert, Geneva, assignor to W. Hauenstein Sohne, Rafz (Zurich), Switzerland. Raspberry plant. 1,258, Feb. 23.
- Roseway Nurseries, assignee: *See—*
Lammerts, Walter E. 1,279.
- Rubel, Robert O., Jr., to C. Harris. 1,303, Cl. 47—60.
- Rubel, Robert O., Jr., to C. Harris. 1,312, Cl. 47—60.
- Rubel, Robert O., Jr., to Cliff Harris. 1,308, Cl. 47—60.
- Shepp, Paul E. 1,300, Cl. 47—60.
- Spanbauer, Frank. 1,337, Cl. 47—61.
- Stark Bro's Nurseries and Orchards Co.: *See—*
Swim, Herbert C.
- Thomason, Charles. 1,321.
- Thomason, Charles. 1,329.
- Swim, Herbert C., Ontario, Calif., assignor, by mesne assignments, to Arp Nursey Company, Tyler, Tex. Rose plant. 1,241, Jan. 12.
- Swim, Herbert C., Ontario, Calif., assignor, by mesne assignments, to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Rose plant. 1,254, Feb. 16.
- Swim, Herbert C., Ontario, Calif., assignor, by mesne assignments, to Breedlove Nurseries. Rose plant. 1,255, Feb. 16.
- Swim, Herbert C., assignor to Armstrong Nurseries, Inc. 1,268, Cl. 47—62.
- Swim, Herbert C., assignor, by mesne assignments, to Arp Nursery Company. 1,269, Cl. 47—61.
- Swim, Herbert C., assignor to Armstrong Nurseries, Inc. 1,277, Cl. 47—61.
- Swim, Herbert C., assignor to Armstrong Nurseries, Inc. 1,280, Cl. 47—61.
- Swim, Herbert C., to Armstrong Nurseries, Inc. 1,291, Cl. 47—61.
- Swim, Herbert C., to Armstrong Nurseries, Inc. 1,292, Cl. 47—61.
- Talley, Robert H., Jr., assignor to Gulf Stream Nursery, Inc. 1,267, Cl. 47—60.
- Thomason, Charles, to Stark Bro's Nurseries and Orchards Co. 1,321, Cl. 47—62.
- Thomason, Charles, to Stark Bro's Nurseries and Orchards Co. 1,329, Cl. 47—62.
- Tiret, Horace M. 1,309, Cl. 47—60.
- Varden, Owen H., to Bobbink Nurseries, Inc. 1,322, Cl. 47—59.
- Von Abrams, Gordon J., to E. P. Dering. 1,299, Cl. 47—61.
- Vuyk, Aart, assignor to Vuyk Van Nes. 1,283, Cl. 47—60.
- Vuyk, Aart, to Vuyk Van Nes. 1,325, Cl. 47—60.
- Vuyk Van Nes: *See—*
Vuyk, Aart. 1,283.
- Vuyk, Aart. 1,325.

LIST OF DISCLAIMERS

- Adler, Robert, Northfield, Ill. Disclaimer filed by the inventor and the assignee, Zenith Radio Corporation. No. 2,540,412; disclaimer filed Dec. 21, 1953; v. 678; p. 590.
- Armitage, Joseph B., Wauwatosa, Wis., and Howard W. Bartholomew, Pottstown, Pa. Disclaimer filed by the assignee, Kearney & Trecker Corporation. No. 2,340,210; disclaimer filed Jan. 4, 1954; v. 679; p. 7.
- Arthur, Robert A., Los Angeles, Calif. Disclaimer filed by the assignee, The Garrett Corporation. No. 2,578,773; disclaimer filed Sept. 20, 1954; v. 687; p. 447.
- Barrett, George J., and Sosthene Robichaux, Houston, Tex. Disclaimer filed by the assignee, A-1 Bit & Tool Co., Inc. No. 2,199,020; disclaimer filed Oct. 8, 1954; v. 688; p. 209.
- Barrett, George J., and Sosthene Robichaux, Houston, Tex. Disclaimer filed by the assignee, A-1 Bit and Tool Company, Inc. No. 2,199,020; disclaimer filed Oct. 25, 1954; v. 688; p. 627.
- Beam, Vilynn O., Minneapolis, Minn. Disclaimer filed by the assignee, Minneapolis Honeywell Regulator Company. No. 2,333,913; disclaimer filed Mar. 17, 1954; v. 681; p. 865.
- Becker, Howard I., Vischers Ferry, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,605,876; disclaimer filed Feb. 23, 1954; v. 680; p. 544.
- Briggs, Arthur J., Syracuse, N. Y. Disclaimer filed by the assignee, William L. Hinds. No. 2,364,776; disclaimer filed Dec. 28, 1953; v. 679; p. 244.
- Briggs, Arthur J., Syracuse, N. Y. Disclaimer filed by the assignee, William L. Hinds. No. 2,486,252; disclaimer filed Dec. 28, 1953; v. 679; p. 244.
- Carne, Gerald G., Rockaway, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,556,254; disclaimer filed Mar. 5, 1954; v. 681; p. 12.
- Colbeth, Ivor Milton, Belleville, N. J. Disclaimer filed by the assignee, The Baker Castor Oil Company. No. 2,210,140; disclaimer filed Apr. 12, 1954; v. 682; p. 528.
- Cook, Garrett A., and Clarence F. Aldridge, Rochester, N. Y. Disclaimer filed by the assignee, Taylor Instrument Companies. No. 2,605,736; disclaimer filed Mar. 23, 1954; v. 681; p. 574.
- Cook, Jackson H., Arlington, Va. Disclaimer filed by the assignee, The United States of America, as represented by the Secretary of the Navy. No. 2,605,459; disclaimer filed Apr. 29, 1954; v. 682; p. 772.
- De Lange, Cornelis, Pieter Goede, and Hendrik Jan van den Berge, Eindhoven, Netherlands. Disclaimer filed by the assignee, Hartford National Bank and Trust Company, as trustee. No. 2,500,605; disclaimer filed July 26, 1954; v. 685; p. 929.
- Eckert, John Presper, Jr., Gladwyne, and John W. Mauchly, Ambler, Pa. Disclaimer filed by the assignee, Remington Rand Inc. No. 2,590,950; disclaimer filed July 7, 1954; v. 685; p. 1.
- Feinberg, Albert E., Chicago, Ill. Disclaimer filed by the assignee, Advance Transformer Co. No. 2,558,293; disclaimer filed Mar. 5, 1954; v. 680; p. 1123.
- Frank, Joseph J., Union, and James C. Macy, Elizabeth, N. J. Disclaimer filed by the assignee, Hercules Fasteners, Inc. No. 2,493,063; disclaimer filed May 13, 1954; v. 683; p. 249.
- Ganter, Francis X., Los Angeles, Calif. Disclaimer filed by the inventor. No. 2,597,578; disclaimer filed Feb. 1, 1954; v. 680; p. 8.
- Gittens, Edmund D., Roselle, N. J. Disclaimer filed by the assignee, American Bosch Arma Corporation. No. 2,486,781; disclaimer filed Oct. 14, 1954; v. 688; p. 413.
- Griset, Ernest J., Jr., and Ridgeway T. Lynch, Asheville, N. C. Disclaimer filed by the assignee, American Enka Corporation. No. 2,661,588; disclaimer filed June 15, 1954; v. 686; p. 235.
- Guiler, Cameron, and Aram Kalenian, Westboro, Mass. Disclaimer filed by the assignee, Vee-Arc Corporation. No. 2,520,501; disclaimer filed Oct. 19, 1954; v. 688; p. 627.
- Harper, Leonard R., Poughkeepsie, N. Y. Disclaimer filed by the assignee, International Business Machines Corporation. No. 2,580,771; disclaimer filed July 21, 1954; v. 685; p. 465.
- Hegbar, Howard R., Princeton, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,489,131; disclaimer filed Sept. 30, 1954; v. 687; p. 673.
- Hilborn, Howard D., Houston, Tex. Disclaimer filed by the assignee, Emsco Manufacturing Company. No. 2,403,081; disclaimer filed Oct. 29, 1954; v. 688; p. 827.
- Hogue, Alfred L., Edwin A. Raney, James A. Young, and Lewis R. Runaldue, Pittsfield, Mass. Disclaimer filed by the assignee, General Electric Company. No. 2,547,644; disclaimer filed Jan. 20, 1954; v. 679; p. 505.
- Horton, Erwin C., Hamburg, and Anton Rappl, Buffalo, N. Y. Disclaimer filed by the assignee, Trico Products Corporation. No. 2,298,484; disclaimer filed July 30, 1954; v. 685; p. 929.
- Humphrey, Ralph, Wichita, Kans. Disclaimer filed by the inventor. No. 2,621,764; disclaimer filed Sept. 13, 1954; v. 687; p. 225.
- Jorgensen, Clarence H., Anderson, Ind. Disclaimer filed by the assignee, General Motors Corporation. No. 2,225,261; disclaimer filed Oct. 22, 1954; v. 688; p. 827.
- Kniel, Ludwig, Scarsdale, N. Y. Disclaimer filed by the assignee, The Lummus Company. No. 2,619,814; disclaimer filed Sept. 27, 1954; v. 687; p. 673.
- Kunze, Walter G., and Raymond Bertram Evans, Catonsville, Md. Dedication to the Public, filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,588,543; dedication filed Aug. 23, 1954; v. 686; p. 457.
- Lawson, Raymond H., Algonquin, Ill. Disclaimer filed by the inventor. No. 2,609,787; disclaimer filed Jan. 5, 1954; v. 679; p. 244.
- Lee, Burton D., and Gerhard Herzog, Houston, Tex. Disclaimer filed by the assignee, The Texas Company. No. 2,620,890; disclaimer filed Mar. 29, 1954; v. 681; p. 865.
- Lombard, Adrian Albert, Clitheroe, England. Disclaimer filed by the assignee, Rolls-Royce Limited. No. 2,494,821; disclaimer filed June 29, 1954; v. 685; p. 1.
- McGee, Hugh C. N., Dry Ridge, Ky. Disclaimer filed by the inventor. No. 2,630,651; disclaimer filed Apr. 5, 1954; v. 682; p. 9.
- McKee, Philip L., Pana, Ill. Disclaimer filed by the assignee, The Presstite Engineering Company. No. 2,454,821; disclaimer filed Oct. 20, 1954; v. 688; p. 413.
- Milas, Nicholas A., Belmont, Mass. Disclaimer filed by the assignee, Research Corporation. No. 2,298,405; disclaimer filed Aug. 12, 1954; v. 686; p. 235.
- Mochel, John M., Louisville, Ky. Disclaimer filed by the assignee, Corning Glass Works. Re. 23,555; disclaimer filed Feb. 16, 1954; v. 680; p. 544.
- Muffy, Gary, Penn Township, Allegheny County, Pa. Disclaimer filed by the assignee, Gulf Research & Development Company. No. 2,608,602; disclaimer filed June 22, 1954; v. 684; p. 699.
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